FINAL REPORT
VOLUME II

WELLSITE EVALUATIONS
AREAS OF ALLEGED RELEASES
SUSQUEHANNA COUNTY, PENNSYLVANIA

Prepared for:

Cabot Oil & Gas Corporation

Cabot Oil & Gas Corporation
5 Penn Center West, Suite 401
Pittsburgh, Pennsylvania 15276

Prepared by:

URS

URS Corporation
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

DECEMBER 2011

APPENDIX D

APPENDIX D

Laboratory Certificates of Analyses – Soil Samples

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 10, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028366

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLG
Pace Project No.: 3028366

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028366001	BRK-1H-P7A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366002	BRK-1H-P7A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366003	BRK-1H-P7B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366004	BRK-1H-P7B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366005	BRK-1H-P8A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366006	BRK-1H-P8A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366007	BRK-1H-P8B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366008	BRK-1H-P8B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366009	BRK-1H-P9A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366010	BRK-1H-P9A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366011	BRK-1H-P9B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366012	BRK-1H-P9B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366013	[redacted]4-P1A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028366014	[redacted]4-P1A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366015	[redacted]-4-P1B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366016	[redacted]-4-P1B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366017	[redacted]-4-P2A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366018	[redacted]-4-P2A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366019	[redacted]-4-P2B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366020	[redacted]4-P2B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366021	[redacted]-4-P3A	EPA 8015B Modified	CWB	2	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366022	[redacted]4-P3A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366023	[redacted]4-P3B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366024	[redacted]4-P3B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366025	[redacted]4-P4A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366026	[redacted]4-P4A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366027	[redacted]4-P4B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366028	[redacted]4-P5A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	JMC	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366029	[redacted]4-P5A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366030	[redacted]4-P5B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366031	[redacted]4-P3C	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366032	[redacted]4-P3C ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366033	[redacted]4-P7A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366034	[redacted]4-P7A ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366035	[redacted]4-P7B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366036	[redacted]4-P7B ASTM	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366037	[redacted]4-P6A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DSC	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366038	[redacted]4-P6A ASTM	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366039	[redacted]4-P6B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028366040	[redacted]4-P6B ASTM	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366046	TRIP BLANK	EPA 8260	JAS	55	PASI-PA
3028366047	[redacted]4-P4B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028366048	[redacted]4-P5B ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA

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HITS ONLY

Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366001	**BRK-1H-P7A**					
EPA 6010B	Aluminum	12900	mg/kg	6.3	06/10/10 06:39	
EPA 6010B	Arsenic	8.3	mg/kg	0.31	06/10/10 10:08	
EPA 6010B	Barium	122	mg/kg	1.3	06/10/10 06:39	
EPA 6010B	Beryllium	0.60	mg/kg	0.13	06/10/10 06:39	
EPA 6010B	Boron	7.7	mg/kg	3.1	06/10/10 06:39	
EPA 6010B	Cadmium	0.35	mg/kg	0.13	06/10/10 06:39	
EPA 6010B	Calcium	1010	mg/kg	125	06/10/10 06:39	
EPA 6010B	Chromium	15.1	mg/kg	0.31	06/10/10 06:39	
EPA 6010B	Cobalt	11.4	mg/kg	0.63	06/10/10 06:39	
EPA 6010B	Copper	13.2	mg/kg	0.63	06/10/10 06:39	
EPA 6010B	Iron	26900	mg/kg	6.3	06/10/10 06:39	
EPA 6010B	Lead	12.5	mg/kg	0.31	06/10/10 10:08	
EPA 6010B	Magnesium	3590	mg/kg	31.4	06/10/10 06:39	
EPA 6010B	Manganese	503	mg/kg	0.63	06/10/10 06:39	
EPA 6010B	Nickel	18.9	mg/kg	1.3	06/10/10 06:39	
EPA 6010B	Potassium	1580	mg/kg	31.4	06/10/10 06:39	
EPA 6010B	Silver	0.28	mg/kg	0.13	06/10/10 10:08	
EPA 6010B	Vanadium	19.1	mg/kg	0.63	06/10/10 06:39	
EPA 6010B	Zinc	56.4	mg/kg	0.63	06/10/10 06:39	
EPA 8260	Acetone	105	ug/kg	13.0	06/06/10 15:22	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	06/01/10 12:41	
EPA 9045	pH at 25 Degrees C	6.3	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	52.6	mg/kg	5.5	06/06/10 16:51	
3028366002	**BRK-1H-P7A ASTM**					
SM 4500-Cl-E	Chloride	3.0	mg/L	3.0	06/01/10 15:13	
3028366003	**BRK-1H-P7B**					
EPA 6010B	Aluminum	12700	mg/kg	6.0	06/10/10 06:42	
EPA 6010B	Arsenic	6.8	mg/kg	0.30	06/10/10 10:13	
EPA 6010B	Barium	128	mg/kg	1.2	06/10/10 06:42	
EPA 6010B	Beryllium	0.66	mg/kg	0.12	06/10/10 06:42	
EPA 6010B	Boron	7.8	mg/kg	3.0	06/10/10 06:42	
EPA 6010B	Cadmium	0.38	mg/kg	0.12	06/10/10 06:42	
EPA 6010B	Calcium	1230	mg/kg	121	06/10/10 06:42	
EPA 6010B	Chromium	15.8	mg/kg	0.30	06/10/10 06:42	
EPA 6010B	Cobalt	11.0	mg/kg	0.60	06/10/10 06:42	
EPA 6010B	Copper	18.4	mg/kg	0.60	06/10/10 06:42	
EPA 6010B	Iron	25300	mg/kg	6.0	06/10/10 06:42	
EPA 6010B	Lead	11.0	mg/kg	0.30	06/10/10 10:13	
EPA 6010B	Magnesium	3980	mg/kg	30.2	06/10/10 06:42	
EPA 6010B	Manganese	525	mg/kg	0.60	06/10/10 06:42	
EPA 6010B	Nickel	22.5	mg/kg	1.2	06/10/10 06:42	
EPA 6010B	Potassium	1850	mg/kg	30.2	06/10/10 06:42	
EPA 6010B	Silver	0.25	mg/kg	0.12	06/10/10 10:13	
EPA 6010B	Vanadium	16.1	mg/kg	0.60	06/10/10 06:42	
EPA 6010B	Zinc	58.7	mg/kg	0.60	06/10/10 06:42	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/01/10 12:41	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366003	**BRK-1H-P7B**					
EPA 9045	pH at 25 Degrees C	6.6	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	16.5	mg/kg	5.5	06/06/10 16:52	
3028366004	**BRK-1H-P7B ASTM**					
SM 5540C	Surfactants	0.19	mg/L	0.10	06/02/10 11:18	2c
3028366005	**BRK-1H-P8A**					
EPA 6010B	Aluminum	12200	mg/kg	9.3	06/10/10 06:47	
EPA 6010B	Arsenic	8.2	mg/kg	0.47	06/10/10 10:17	
EPA 6010B	Barium	139	mg/kg	1.9	06/10/10 06:47	
EPA 6010B	Beryllium	0.68	mg/kg	0.19	06/10/10 06:47	
EPA 6010B	Boron	8.7	mg/kg	4.7	06/10/10 06:47	
EPA 6010B	Cadmium	0.28	mg/kg	0.19	06/10/10 06:47	
EPA 6010B	Calcium	1350	mg/kg	186	06/10/10 06:47	
EPA 6010B	Chromium	15.5	mg/kg	0.47	06/10/10 06:47	
EPA 6010B	Cobalt	11.5	mg/kg	0.93	06/10/10 06:47	
EPA 6010B	Copper	17.3	mg/kg	0.93	06/10/10 06:47	
EPA 6010B	Iron	26500	mg/kg	9.3	06/10/10 06:47	
EPA 6010B	Lead	14.0	mg/kg	0.47	06/10/10 10:17	
EPA 6010B	Magnesium	4080	mg/kg	46.6	06/10/10 06:47	
EPA 6010B	Manganese	513	mg/kg	0.93	06/10/10 06:47	
EPA 6010B	Nickel	24.0	mg/kg	1.9	06/10/10 06:47	
EPA 6010B	Potassium	1940	mg/kg	46.6	06/10/10 06:47	
EPA 6010B	Silver	0.28	mg/kg	0.19	06/10/10 10:17	
EPA 6010B	Vanadium	16.6	mg/kg	0.93	06/10/10 06:47	
EPA 6010B	Zinc	59.4	mg/kg	0.93	06/10/10 06:47	
EPA 8260	Acetone	11.0	ug/kg	9.8	06/06/10 15:46	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	06/01/10 12:41	
EPA 9045	pH at 25 Degrees C	6.2	Std. Units	1.0	05/27/10 19:35	
3028366007	**BRK-1H-P8B**					
EPA 6010B	Aluminum	11000	mg/kg	7.2	06/10/10 06:50	
EPA 6010B	Arsenic	8.6	mg/kg	0.36	06/10/10 10:22	
EPA 6010B	Barium	149	mg/kg	1.4	06/10/10 06:50	
EPA 6010B	Beryllium	0.60	mg/kg	0.14	06/10/10 06:50	
EPA 6010B	Boron	7.6	mg/kg	3.6	06/10/10 06:50	
EPA 6010B	Cadmium	0.41	mg/kg	0.14	06/10/10 06:50	
EPA 6010B	Calcium	1460	mg/kg	144	06/10/10 06:50	
EPA 6010B	Chromium	13.8	mg/kg	0.36	06/10/10 06:50	
EPA 6010B	Cobalt	11.5	mg/kg	0.72	06/10/10 06:50	
EPA 6010B	Copper	17.0	mg/kg	0.72	06/10/10 06:50	
EPA 6010B	Iron	25000	mg/kg	7.2	06/10/10 06:50	
EPA 6010B	Lead	12.2	mg/kg	0.36	06/10/10 10:22	
EPA 6010B	Magnesium	3860	mg/kg	35.9	06/10/10 06:50	
EPA 6010B	Manganese	568	mg/kg	0.72	06/10/10 06:50	
EPA 6010B	Nickel	22.6	mg/kg	1.4	06/10/10 06:50	
EPA 6010B	Potassium	1670	mg/kg	35.9	06/10/10 06:50	
EPA 6010B	Silver	0.24	mg/kg	0.14	06/10/10 10:22	
EPA 6010B	Vanadium	14.2	mg/kg	0.72	06/10/10 06:50	

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CABOT-EPA 004359

DIM0223739 DIM0223752

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366007	**BRK-1H-P8B**					
EPA 6010B	Zinc	59.5	mg/kg	0.72	06/10/10 06:50	
EPA 8260	Acetone	20.1	ug/kg	9.9	06/06/10 16:10	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	06/01/10 12:42	
EPA 9045	pH at 25 Degrees C	6.6	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	6.8	mg/kg	5.2	06/06/10 16:54	
3028366009	**BRK-1H-P9A**					
EPA 6010B	Aluminum	9160	mg/kg	6.3	06/10/10 06:53	
EPA 6010B	Arsenic	7.4	mg/kg	0.32	06/10/10 10:27	
EPA 6010B	Barium	83.8	mg/kg	1.3	06/10/10 06:53	
EPA 6010B	Beryllium	0.59	mg/kg	0.13	06/10/10 06:53	
EPA 6010B	Boron	7.1	mg/kg	3.2	06/10/10 06:53	
EPA 6010B	Cadmium	0.31	mg/kg	0.13	06/10/10 06:53	
EPA 6010B	Calcium	1380	mg/kg	126	06/10/10 06:53	
EPA 6010B	Chromium	12.6	mg/kg	0.32	06/10/10 06:53	
EPA 6010B	Cobalt	9.7	mg/kg	0.63	06/10/10 06:53	
EPA 6010B	Copper	13.8	mg/kg	0.63	06/10/10 06:53	
EPA 6010B	Iron	22400	mg/kg	6.3	06/10/10 06:53	
EPA 6010B	Lead	8.3	mg/kg	0.32	06/10/10 10:27	
EPA 6010B	Magnesium	3310	mg/kg	31.6	06/10/10 06:53	
EPA 6010B	Manganese	500	mg/kg	0.63	06/10/10 06:53	
EPA 6010B	Nickel	20.9	mg/kg	1.3	06/10/10 06:53	
EPA 6010B	Potassium	1520	mg/kg	31.6	06/10/10 06:53	
EPA 6010B	Silver	0.22	mg/kg	0.13	06/10/10 10:27	
EPA 6010B	Vanadium	13.1	mg/kg	0.63	06/10/10 06:53	
EPA 6010B	Zinc	48.3	mg/kg	0.63	06/10/10 06:53	
EPA 8260	Acetone	11.9	ug/kg	9.1	06/06/10 16:34	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	06/01/10 12:42	
EPA 9045	pH at 25 Degrees C	6.6	Std. Units	1.0	05/27/10 19:35	
3028366011	**BRK-1H-P9B**					
EPA 6010B	Aluminum	12200	mg/kg	8.5	06/10/10 06:55	
EPA 6010B	Arsenic	8.5	mg/kg	0.43	06/10/10 10:31	
EPA 6010B	Barium	132	mg/kg	1.7	06/10/10 06:55	
EPA 6010B	Beryllium	0.73	mg/kg	0.17	06/10/10 06:55	
EPA 6010B	Boron	8.8	mg/kg	4.3	06/10/10 06:55	
EPA 6010B	Cadmium	0.40	mg/kg	0.17	06/10/10 06:55	
EPA 6010B	Calcium	1220	mg/kg	170	06/10/10 06:55	
EPA 6010B	Chromium	15.2	mg/kg	0.43	06/10/10 06:55	
EPA 6010B	Cobalt	12.3	mg/kg	0.85	06/10/10 06:55	
EPA 6010B	Copper	19.8	mg/kg	0.85	06/10/10 06:55	
EPA 6010B	Iron	27500	mg/kg	8.5	06/10/10 06:55	
EPA 6010B	Lead	12.3	mg/kg	0.43	06/10/10 10:31	
EPA 6010B	Magnesium	4100	mg/kg	42.5	06/10/10 06:55	
EPA 6010B	Manganese	706	mg/kg	0.85	06/10/10 06:55	
EPA 6010B	Nickel	24.1	mg/kg	1.7	06/10/10 06:55	
EPA 6010B	Potassium	2000	mg/kg	42.5	06/10/10 06:55	
EPA 6010B	Silver	0.28	mg/kg	0.17	06/10/10 10:31	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366011	**BRK-1H-P9B**					
EPA 6010B	Vanadium	16.1	mg/kg	0.85	06/10/10 06:55	
EPA 6010B	Zinc	59.4	mg/kg	0.85	06/10/10 06:55	
EPA 8260	Acetone	23.9	ug/kg	8.6	06/06/10 16:58	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	06/01/10 12:43	
EPA 9045	pH at 25 Degrees C	6.0	Std. Units	1.0	05/27/10 19:35	
3028366013	**[redacted]4-P1A**					
EPA 8015B Modified	Diesel Components	232	mg/kg	36.6	06/10/10 03:37	
EPA 6010B	Aluminum	14100	mg/kg	6.0	06/10/10 06:58	
EPA 6010B	Arsenic	29.0	mg/kg	0.30	06/10/10 10:49	
EPA 6010B	Barium	3900	mg/kg	12.0	06/10/10 08:15	
EPA 6010B	Beryllium	0.71	mg/kg	0.12	06/10/10 06:58	
EPA 6010B	Boron	7.5	mg/kg	3.0	06/10/10 06:58	
EPA 6010B	Cadmium	0.75	mg/kg	0.12	06/10/10 06:58	
EPA 6010B	Calcium	945	mg/kg	120	06/10/10 06:58	
EPA 6010B	Chromium	14.7	mg/kg	0.30	06/10/10 06:58	
EPA 6010B	Cobalt	15.3	mg/kg	0.60	06/10/10 06:58	
EPA 6010B	Copper	20.4	mg/kg	0.60	06/10/10 06:58	
EPA 6010B	Iron	26000	mg/kg	6.0	06/10/10 06:58	
EPA 6010B	Lead	58.9	mg/kg	0.30	06/10/10 10:49	
EPA 6010B	Magnesium	4450	mg/kg	30.1	06/10/10 06:58	
EPA 6010B	Manganese	894	mg/kg	0.60	06/10/10 06:58	
EPA 6010B	Nickel	21.9	mg/kg	1.2	06/10/10 06:58	
EPA 6010B	Potassium	1410	mg/kg	30.1	06/10/10 06:58	
EPA 6010B	Silver	0.31	mg/kg	0.12	06/10/10 10:49	
EPA 6010B	Sodium	323	mg/kg	301	06/10/10 06:58	
EPA 6010B	Vanadium	17.0	mg/kg	0.60	06/10/10 06:58	
EPA 6010B	Zinc	96.9	mg/kg	0.60	06/10/10 06:58	
EPA 8260	Acetone	132	ug/kg	8.9	06/06/10 17:23	
EPA 8260	Carbon disulfide	14.3	ug/kg	4.4	06/06/10 17:23	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	06/01/10 12:43	
EPA 9045	pH at 25 Degrees C	6.7	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	45.2	mg/kg	4.9	06/06/10 16:58	
3028366014	**[redacted]4-P1A ASTM**					
SM 4500-Cl-E	Chloride	5.5	mg/L	3.0	06/01/10 15:18	
3028366015	**[redacted]4-P1B**					
EPA 8015B Modified	Diesel Components	41.1	mg/kg	8.0	06/09/10 05:37	
EPA 6010B	Aluminum	16900	mg/kg	8.7	06/10/10 07:14	
EPA 6010B	Arsenic	19.3	mg/kg	0.43	06/10/10 11:08	
EPA 6010B	Barium	1340	mg/kg	1.7	06/10/10 07:14	
EPA 6010B	Beryllium	0.60	mg/kg	0.17	06/10/10 07:14	
EPA 6010B	Boron	8.9	mg/kg	4.3	06/10/10 07:14	
EPA 6010B	Cadmium	0.46	mg/kg	0.17	06/10/10 07:14	
EPA 6010B	Calcium	533	mg/kg	173	06/10/10 07:14	
EPA 6010B	Chromium	16.8	mg/kg	0.43	06/10/10 07:14	
EPA 6010B	Cobalt	12.9	mg/kg	0.87	06/10/10 07:14	
EPA 6010B	Copper	11.3	mg/kg	0.87	06/10/10 07:14	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366015	**[redacted]4-P1B**					
EPA 6010B	Iron	26200	mg/kg	8.7	06/10/10 07:14	
EPA 6010B	Lead	19.0	mg/kg	0.43	06/10/10 11:08	
EPA 6010B	Magnesium	3950	mg/kg	43.3	06/10/10 07:14	
EPA 6010B	Manganese	929	mg/kg	0.87	06/10/10 07:14	
EPA 6010B	Nickel	20.1	mg/kg	1.7	06/10/10 07:14	
EPA 6010B	Potassium	1240	mg/kg	43.3	06/10/10 07:14	
EPA 6010B	Silver	0.34	mg/kg	0.17	06/10/10 11:08	
EPA 6010B	Sodium	606	mg/kg	433	06/10/10 07:14	
EPA 6010B	Vanadium	22.9	mg/kg	0.87	06/10/10 07:14	
EPA 6010B	Zinc	78.2	mg/kg	0.87	06/10/10 07:14	
EPA 8260	Acetone	281	ug/kg	14.9	06/06/10 17:47	
ASTM D2974-87	Percent Moisture	17.6	%	0.10	06/01/10 12:44	
EPA 9045	pH at 25 Degrees C	4.9	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	76.8	mg/kg	5.5	06/06/10 16:58	
3028366016	**[redacted]4-P1B ASTM**					
SM 4500-Cl-E	Chloride	35.8	mg/L	3.0	06/01/10 15:19	
3028366017	**[redacted]4-P2A**					
EPA 6010B	Aluminum	12700	mg/kg	6.8	06/10/10 07:17	
EPA 6010B	Arsenic	20.7	mg/kg	0.34	06/10/10 11:13	
EPA 6010B	Barium	111	mg/kg	1.4	06/10/10 07:17	
EPA 6010B	Beryllium	0.83	mg/kg	0.14	06/10/10 07:17	
EPA 6010B	Boron	9.0	mg/kg	3.4	06/10/10 07:17	
EPA 6010B	Cadmium	0.85	mg/kg	0.14	06/10/10 07:17	
EPA 6010B	Calcium	940	mg/kg	137	06/10/10 07:17	
EPA 6010B	Chromium	14.4	mg/kg	0.34	06/10/10 07:17	
EPA 6010B	Cobalt	13.8	mg/kg	0.68	06/10/10 07:17	
EPA 6010B	Copper	18.4	mg/kg	0.68	06/10/10 07:17	
EPA 6010B	Iron	28600	mg/kg	6.8	06/10/10 07:17	
EPA 6010B	Lead	41.1	mg/kg	0.34	06/10/10 11:13	
EPA 6010B	Magnesium	4360	mg/kg	34.2	06/10/10 07:17	
EPA 6010B	Manganese	1390	mg/kg	0.68	06/10/10 07:17	
EPA 6010B	Nickel	22.7	mg/kg	1.4	06/10/10 07:17	
EPA 6010B	Potassium	1540	mg/kg	34.2	06/10/10 07:17	
EPA 6010B	Silver	0.29	mg/kg	0.14	06/10/10 11:13	
EPA 6010B	Vanadium	16.3	mg/kg	0.68	06/10/10 07:17	
EPA 6010B	Zinc	81.4	mg/kg	0.68	06/10/10 07:17	
EPA 8260	Acetone	123	ug/kg	8.7	06/06/10 18:11	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	06/01/10 12:44	
EPA 9045	pH at 25 Degrees C	5.0	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	13.3	mg/kg	5.2	06/06/10 17:02	
3028366018	**[redacted]4-P2A ASTM**					
SM 4500-Cl-E	Chloride	5.5	mg/L	3.0	06/01/10 15:22	
3028366019	**[redacted]4-P2B**					
EPA 8015B Modified	Diesel Components	58.6	mg/kg	7.4	06/09/10 06:25	
EPA 6010B	Aluminum	14000	mg/kg	8.8	06/10/10 07:20	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366019	**[redacted]4-P2B**					
EPA 6010B	Arsenic	26.3	mg/kg	0.44	06/10/10 11:17	
EPA 6010B	Barium	115	mg/kg	1.8	06/10/10 07:20	
EPA 6010B	Beryllium	0.84	mg/kg	0.18	06/10/10 07:20	
EPA 6010B	Boron	9.6	mg/kg	4.4	06/10/10 07:20	
EPA 6010B	Cadmium	0.90	mg/kg	0.18	06/10/10 07:20	
EPA 6010B	Calcium	1490	mg/kg	177	06/10/10 07:20	
EPA 6010B	Chromium	15.1	mg/kg	0.44	06/10/10 07:20	
EPA 6010B	Cobalt	14.0	mg/kg	0.88	06/10/10 07:20	
EPA 6010B	Copper	21.4	mg/kg	0.88	06/10/10 07:20	
EPA 6010B	Iron	27700	mg/kg	8.8	06/10/10 07:20	
EPA 6010B	Lead	71.0	mg/kg	0.44	06/10/10 11:17	
EPA 6010B	Magnesium	4520	mg/kg	44.2	06/10/10 07:20	
EPA 6010B	Manganese	1110	mg/kg	0.88	06/10/10 07:20	
EPA 6010B	Nickel	22.9	mg/kg	1.8	06/10/10 07:20	
EPA 6010B	Potassium	1630	mg/kg	44.2	06/10/10 07:20	
EPA 6010B	Silver	0.29	mg/kg	0.18	06/10/10 11:17	
EPA 6010B	Vanadium	17.2	mg/kg	0.88	06/10/10 07:20	
EPA 6010B	Zinc	107	mg/kg	0.88	06/10/10 07:20	
EPA 8260	Acetone	142	ug/kg	9.7	06/06/10 18:35	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	06/01/10 12:45	
EPA 9045	pH at 25 Degrees C	5.7	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	17.4	mg/kg	5.3	06/06/10 17:03	
3028366021	**[redacted]4-P3A**					
EPA 8015B Modified	Diesel Components	12.6	mg/kg	7.5	06/09/10 06:49	
EPA 6010B	Aluminum	16500	mg/kg	7.9	06/10/10 07:23	
EPA 6010B	Arsenic	5.0	mg/kg	0.40	06/10/10 11:22	
EPA 6010B	Barium	93.4	mg/kg	1.6	06/10/10 07:23	
EPA 6010B	Beryllium	0.81	mg/kg	0.16	06/10/10 07:23	
EPA 6010B	Boron	10.3	mg/kg	4.0	06/10/10 07:23	
EPA 6010B	Cadmium	0.62	mg/kg	0.16	06/10/10 07:23	
EPA 6010B	Calcium	184	mg/kg	158	06/10/10 07:23	
EPA 6010B	Chromium	17.7	mg/kg	0.40	06/10/10 07:23	
EPA 6010B	Cobalt	11.7	mg/kg	0.79	06/10/10 07:23	
EPA 6010B	Copper	6.8	mg/kg	0.79	06/10/10 07:23	
EPA 6010B	Iron	33800	mg/kg	7.9	06/10/10 07:23	
EPA 6010B	Lead	7.5	mg/kg	0.40	06/10/10 11:22	
EPA 6010B	Magnesium	4780	mg/kg	39.5	06/10/10 07:23	
EPA 6010B	Manganese	952	mg/kg	0.79	06/10/10 07:23	
EPA 6010B	Nickel	27.4	mg/kg	1.6	06/10/10 07:23	
EPA 6010B	Potassium	1490	mg/kg	39.5	06/10/10 07:23	
EPA 6010B	Silver	0.41	mg/kg	0.16	06/10/10 11:22	
EPA 6010B	Vanadium	21.3	mg/kg	0.79	06/10/10 07:23	
EPA 6010B	Zinc	66.3	mg/kg	0.79	06/10/10 07:23	
EPA 8260	Acetone	840	ug/kg	570	06/07/10 14:59	
EPA 8260	2-Butanone (MEK)	204	ug/kg	8.1	06/06/10 18:59	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	06/01/10 12:45	
EPA 9045	pH at 25 Degrees C	5.2	Std. Units	1.0	05/27/10 19:35	

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nelac

CABOT-EPA 004363

DIM0223739 DIM0223756

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

HITS ONLY

Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366021	**[redacted]-P3A**					
EPA 350.1	Nitrogen, Ammonia	33.6	mg/kg	5.4	06/06/10 17:03	
3028366023	**[redacted]-P3B**					
EPA 6010B	Aluminum	14500	mg/kg	8.8	06/10/10 14:18	
EPA 6010B	Antimony	0.86	mg/kg	0.44	06/10/10 14:18	
EPA 6010B	Arsenic	3.8	mg/kg	0.44	06/10/10 14:18	
EPA 6010B	Barium	84.4	mg/kg	1.8	06/10/10 14:18	
EPA 6010B	Beryllium	1.1	mg/kg	0.18	06/10/10 14:18	
EPA 6010B	Boron	12.7	mg/kg	4.4	06/10/10 14:18	
EPA 6010B	Cadmium	0.49	mg/kg	0.18	06/10/10 14:18	
EPA 6010B	Calcium	626	mg/kg	175	06/10/10 14:18	
EPA 6010B	Chromium	18.9	mg/kg	0.44	06/10/10 14:18	
EPA 6010B	Cobalt	11.8	mg/kg	0.88	06/10/10 14:18	
EPA 6010B	Copper	6.1	mg/kg	0.88	06/10/10 14:18	
EPA 6010B	Iron	37100	mg/kg	8.8	06/10/10 14:18	
EPA 6010B	Lead	6.2	mg/kg	0.44	06/10/10 14:18	
EPA 6010B	Magnesium	5580	mg/kg	43.8	06/10/10 14:18	
EPA 6010B	Manganese	863	mg/kg	0.88	06/10/10 14:18	
EPA 6010B	Nickel	29.3	mg/kg	1.8	06/10/10 14:18	
EPA 6010B	Potassium	1880	mg/kg	43.8	06/10/10 14:18	
EPA 6010B	Selenium	0.56	mg/kg	0.44	06/10/10 14:18	
EPA 6010B	Silver	1.6	mg/kg	0.18	06/10/10 14:18	
EPA 6010B	Vanadium	20.2	mg/kg	0.88	06/10/10 14:18	
EPA 6010B	Zinc	66.7	mg/kg	0.88	06/10/10 14:18	
EPA 8260	Acetone	87.1	ug/kg	8.8	06/07/10 15:24	
ASTM D2974-87	Percent Moisture	9.3	%	0.10	06/01/10 12:45	
EPA 9045	pH at 25 Degrees C	5.3	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	7.8	mg/kg	4.9	06/06/10 17:04	
3028366025	**[redacted]-P4A**					
EPA 8015B Modified	Diesel Components	23.7	mg/kg	8.0	06/09/10 07:37	
EPA 6010B	Aluminum	14100	mg/kg	10.3	06/10/10 09:10	
EPA 6010B	Arsenic	17.9	mg/kg	0.51	06/10/10 09:10	
EPA 6010B	Barium	108	mg/kg	2.1	06/10/10 09:10	
EPA 6010B	Beryllium	0.59	mg/kg	0.21	06/10/10 09:10	
EPA 6010B	Boron	8.0	mg/kg	5.1	06/10/10 09:10	
EPA 6010B	Cadmium	0.71	mg/kg	0.21	06/10/10 09:10	
EPA 6010B	Calcium	623	mg/kg	206	06/10/10 09:10	
EPA 6010B	Chromium	13.7	mg/kg	0.51	06/10/10 09:10	
EPA 6010B	Cobalt	11.6	mg/kg	1.0	06/10/10 09:10	
EPA 6010B	Copper	14.4	mg/kg	1.0	06/10/10 09:10	
EPA 6010B	Iron	24000	mg/kg	10.3	06/10/10 09:10	
EPA 6010B	Lead	33.8	mg/kg	0.51	06/10/10 09:10	
EPA 6010B	Magnesium	3350	mg/kg	51.4	06/10/10 09:10	
EPA 6010B	Manganese	1020	mg/kg	1.0	06/10/10 09:10	
EPA 6010B	Nickel	18.5	mg/kg	2.1	06/10/10 09:10	
EPA 6010B	Potassium	1190	mg/kg	51.4	06/10/10 09:10	
EPA 6010B	Silver	0.36	mg/kg	0.21	06/10/10 12:03	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366025	**[redacted]4-P4A**					
EPA 6010B	Vanadium	18.2	mg/kg	1.0	06/10/10 09:10	
EPA 6010B	Zinc	85.0	mg/kg	1.0	06/10/10 09:10	
EPA 8260	Acetone	654	ug/kg	590	06/08/10 13:15	
EPA 8260	TOTAL BTEX	358	ug/kg	37.9	06/07/10 15:48	
EPA 8260	2-Butanone (MEK)	244	ug/kg	12.6	06/07/10 15:48	
EPA 8260	Ethylbenzene	14.0	ug/kg	6.3	06/07/10 15:48	
EPA 8260	p-Isopropyltoluene	18.7	ug/kg	6.3	06/07/10 15:48	
EPA 8260	Toluene	344	ug/kg	6.3	06/07/10 15:48	
ASTM D2974-87	Percent Moisture	17.6	%	0.10	06/01/10 12:46	
EPA 9045	pH at 25 Degrees C	6.3	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	337	mg/kg	5.9	06/06/10 17:05	
3028366027	**[redacted]4-P4B**					
EPA 6010B	Aluminum	13300	mg/kg	7.1	06/10/10 09:19	
EPA 6010B	Arsenic	12.1	mg/kg	0.35	06/10/10 09:19	
EPA 6010B	Barium	61.1	mg/kg	1.4	06/10/10 09:19	
EPA 6010B	Beryllium	0.62	mg/kg	0.14	06/10/10 09:19	
EPA 6010B	Boron	7.3	mg/kg	3.5	06/10/10 09:19	
EPA 6010B	Cadmium	0.45	mg/kg	0.14	06/10/10 09:19	
EPA 6010B	Calcium	260	mg/kg	142	06/10/10 09:19	
EPA 6010B	Chromium	14.0	mg/kg	0.35	06/10/10 09:19	
EPA 6010B	Cobalt	10.5	mg/kg	0.71	06/10/10 09:19	
EPA 6010B	Copper	12.4	mg/kg	0.71	06/10/10 09:19	
EPA 6010B	Iron	23900	mg/kg	7.1	06/10/10 09:19	
EPA 6010B	Lead	16.8	mg/kg	0.35	06/10/10 09:19	
EPA 6010B	Magnesium	4040	mg/kg	35.5	06/10/10 09:19	
EPA 6010B	Manganese	473	mg/kg	0.71	06/10/10 09:19	
EPA 6010B	Nickel	20.6	mg/kg	1.4	06/10/10 09:19	
EPA 6010B	Potassium	1130	mg/kg	35.5	06/10/10 09:19	
EPA 6010B	Selenium	0.35	mg/kg	0.35	06/10/10 09:19	
EPA 6010B	Silver	0.28	mg/kg	0.14	06/10/10 12:17	
EPA 6010B	Vanadium	15.7	mg/kg	0.71	06/10/10 09:19	
EPA 6010B	Zinc	67.7	mg/kg	0.71	06/10/10 09:19	
EPA 8260	Acetone	133	ug/kg	9.6	06/07/10 16:12	
ASTM D2974-87	Percent Moisture	15.1	%	0.10	06/01/10 12:46	
EPA 9045	pH at 25 Degrees C	5.1	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	39.3	mg/kg	5.8	06/06/10 17:06	
3028366028	**[redacted]4-P5A**					
EPA 6010B	Aluminum	14700	mg/kg	8.9	06/10/10 09:22	
EPA 6010B	Arsenic	2.7	mg/kg	0.44	06/10/10 09:22	
EPA 6010B	Barium	113	mg/kg	1.8	06/10/10 09:22	
EPA 6010B	Beryllium	0.54	mg/kg	0.18	06/10/10 09:22	
EPA 6010B	Boron	8.4	mg/kg	4.4	06/10/10 09:22	
EPA 6010B	Cadmium	0.40	mg/kg	0.18	06/10/10 09:22	
EPA 6010B	Calcium	1070	mg/kg	178	06/10/10 09:22	
EPA 6010B	Chromium	16.0	mg/kg	0.44	06/10/10 09:22	
EPA 6010B	Cobalt	9.1	mg/kg	0.89	06/10/10 09:22	

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CABOT-EPA 004365

DIM0223739 DIM0223758

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366028	**[redacted]4-P5A**					
EPA 6010B	Copper	3.4	mg/kg	0.89	06/10/10 09:22	
EPA 6010B	Iron	28700	mg/kg	8.9	06/10/10 09:22	
EPA 6010B	Lead	5.5	mg/kg	0.44	06/10/10 09:22	
EPA 6010B	Magnesium	3440	mg/kg	44.5	06/10/10 09:22	
EPA 6010B	Manganese	1050	mg/kg	0.89	06/10/10 09:22	
EPA 6010B	Nickel	17.8	mg/kg	1.8	06/10/10 09:22	
EPA 6010B	Potassium	992	mg/kg	44.5	06/10/10 09:22	
EPA 6010B	Selenium	0.62	mg/kg	0.44	06/10/10 09:22	
EPA 6010B	Silver	0.35	mg/kg	0.18	06/10/10 12:22	
EPA 6010B	Vanadium	20.9	mg/kg	0.89	06/10/10 09:22	
EPA 6010B	Zinc	62.8	mg/kg	0.89	06/10/10 09:22	
EPA 8260	Acetone	132	ug/kg	11.2	06/07/10 16:36	
ASTM D2974-87	Percent Moisture	14.8	%	0.10	06/01/10 12:47	
EPA 9045	pH at 25 Degrees C	6.3	Std. Units	1.0	05/27/10 19:35	
EPA 350.1	Nitrogen, Ammonia	88.5	mg/kg	5.9	06/08/10 15:59	
3028366030	**[redacted]4-P5B**					
EPA 6010B	Aluminum	14900	mg/kg	8.3	06/10/10 09:25	
EPA 6010B	Arsenic	3.4	mg/kg	0.42	06/10/10 09:25	
EPA 6010B	Barium	65.9	mg/kg	1.7	06/10/10 09:25	
EPA 6010B	Beryllium	0.66	mg/kg	0.17	06/10/10 09:25	
EPA 6010B	Boron	8.6	mg/kg	4.2	06/10/10 09:25	
EPA 6010B	Cadmium	0.36	mg/kg	0.17	06/10/10 09:25	
EPA 6010B	Calcium	415	mg/kg	167	06/10/10 09:25	
EPA 6010B	Chromium	18.5	mg/kg	0.42	06/10/10 09:25	
EPA 6010B	Cobalt	11.4	mg/kg	0.83	06/10/10 09:25	
EPA 6010B	Copper	5.5	mg/kg	0.83	06/10/10 09:25	
EPA 6010B	Iron	29600	mg/kg	8.3	06/10/10 09:25	
EPA 6010B	Lead	6.1	mg/kg	0.42	06/10/10 09:25	
EPA 6010B	Magnesium	5240	mg/kg	41.7	06/10/10 09:25	
EPA 6010B	Manganese	296	mg/kg	0.83	06/10/10 09:25	
EPA 6010B	Nickel	28.2	mg/kg	1.7	06/10/10 09:25	
EPA 6010B	Potassium	1120	mg/kg	41.7	06/10/10 09:25	
EPA 6010B	Selenium	0.52	mg/kg	0.42	06/10/10 09:25	
EPA 6010B	Silver	0.37	mg/kg	0.17	06/10/10 12:27	
EPA 6010B	Vanadium	19.4	mg/kg	0.83	06/10/10 09:25	
EPA 6010B	Zinc	58.5	mg/kg	0.83	06/10/10 09:25	
EPA 8260	Acetone	302	ug/kg	10.1	06/03/10 22:56	
EPA 8260	2-Butanone (MEK)	16.7	ug/kg	10.1	06/03/10 22:56	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	06/01/10 12:47	
EPA 9045	pH at 25 Degrees C	5.7	Std. Units	1.0	05/28/10 22:05	H1
EPA 350.1	Nitrogen, Ammonia	19.9	mg/kg	5.7	06/08/10 16:00	
3028366031	**[redacted]4-P3C**					
EPA 6010B	Aluminum	15400	mg/kg	9.3	06/10/10 09:28	
EPA 6010B	Arsenic	3.3	mg/kg	0.46	06/10/10 09:28	
EPA 6010B	Barium	90.3	mg/kg	1.9	06/10/10 09:28	
EPA 6010B	Beryllium	1.3	mg/kg	0.19	06/10/10 09:28	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366031	**[redacted]4-P3C**					
EPA 6010B	Boron	12.5	mg/kg	4.6	06/10/10 09:28	
EPA 6010B	Cadmium	0.53	mg/kg	0.19	06/10/10 09:28	
EPA 6010B	Calcium	661	mg/kg	186	06/10/10 09:28	
EPA 6010B	Chromium	20.3	mg/kg	0.46	06/10/10 09:28	
EPA 6010B	Cobalt	12.1	mg/kg	0.93	06/10/10 09:28	
EPA 6010B	Copper	6.2	mg/kg	0.93	06/10/10 09:28	
EPA 6010B	Iron	38600	mg/kg	9.3	06/10/10 09:28	
EPA 6010B	Lead	6.4	mg/kg	0.46	06/10/10 09:28	
EPA 6010B	Magnesium	6010	mg/kg	46.5	06/10/10 09:28	
EPA 6010B	Manganese	829	mg/kg	0.93	06/10/10 09:28	
EPA 6010B	Nickel	30.6	mg/kg	1.9	06/10/10 09:28	
EPA 6010B	Potassium	1970	mg/kg	46.5	06/10/10 09:28	
EPA 6010B	Silver	0.43	mg/kg	0.19	06/10/10 12:31	
EPA 6010B	Vanadium	20.6	mg/kg	0.93	06/10/10 09:28	
EPA 6010B	Zinc	69.5	mg/kg	0.93	06/10/10 09:28	
EPA 8260	Acetone	118	ug/kg	8.9	06/07/10 17:01	
EPA 8260	2-Butanone (MEK)	10.3	ug/kg	8.9	06/07/10 17:01	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	06/01/10 12:48	
EPA 9045	pH at 25 Degrees C	6.4	Std. Units	1.0	05/28/10 22:05	H1
EPA 350.1	Nitrogen, Ammonia	212	mg/kg	5.3	06/08/10 16:00	
3028366033	**[redacted]4-P7A**					
EPA 6010B	Aluminum	18200	mg/kg	12.4	06/10/10 09:31	
EPA 6010B	Arsenic	22.8	mg/kg	0.62	06/10/10 09:31	
EPA 6010B	Barium	380	mg/kg	2.5	06/10/10 09:31	
EPA 6010B	Beryllium	1.5	mg/kg	0.25	06/10/10 09:31	
EPA 6010B	Boron	10.6	mg/kg	6.2	06/10/10 09:31	
EPA 6010B	Cadmium	1.1	mg/kg	0.25	06/10/10 09:31	
EPA 6010B	Calcium	1870	mg/kg	248	06/10/10 09:31	
EPA 6010B	Chromium	20.3	mg/kg	0.62	06/10/10 09:31	
EPA 6010B	Cobalt	11.8	mg/kg	1.2	06/10/10 09:31	
EPA 6010B	Copper	24.7	mg/kg	1.2	06/10/10 09:31	
EPA 6010B	Iron	28600	mg/kg	12.4	06/10/10 09:31	
EPA 6010B	Lead	38.1	mg/kg	0.62	06/10/10 09:31	
EPA 6010B	Magnesium	3140	mg/kg	62.1	06/10/10 09:31	
EPA 6010B	Manganese	2980	mg/kg	1.2	06/10/10 09:31	
EPA 6010B	Nickel	18.5	mg/kg	2.5	06/10/10 09:31	
EPA 6010B	Potassium	1740	mg/kg	62.1	06/10/10 09:31	
EPA 6010B	Silver	0.32	mg/kg	0.25	06/10/10 12:36	
EPA 6010B	Vanadium	29.1	mg/kg	1.2	06/10/10 09:31	
EPA 6010B	Zinc	98.7	mg/kg	1.2	06/10/10 09:31	
EPA 8260	2-Butanone (MEK)	83.7	ug/kg	15.8	06/07/10 17:25	
ASTM D2974-87	Percent Moisture	29.4	%	0.10	06/01/10 12:48	
EPA 9045	pH at 25 Degrees C	5.3	Std. Units	1.0	05/28/10 22:05	H1
EPA 350.1	Nitrogen, Ammonia	183	mg/kg	6.8	06/08/10 16:01	
3028366035	**[redacted]4-P7B**					
EPA 6010B	Aluminum	18100	mg/kg	9.0	06/10/10 10:04	

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Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366035	**[redacted]4-P7B**					
EPA 6010B	Arsenic	32.6	mg/kg	0.45	06/10/10 10:04	
EPA 6010B	Barium	317	mg/kg	1.8	06/10/10 10:04	
EPA 6010B	Beryllium	1.8	mg/kg	0.18	06/10/10 10:04	
EPA 6010B	Boron	10.6	mg/kg	4.5	06/10/10 10:04	
EPA 6010B	Cadmium	1.0	mg/kg	0.18	06/10/10 10:04	
EPA 6010B	Calcium	1620	mg/kg	179	06/10/10 10:04	
EPA 6010B	Chromium	21.8	mg/kg	0.45	06/10/10 10:04	
EPA 6010B	Cobalt	13.5	mg/kg	0.90	06/10/10 10:04	
EPA 6010B	Copper	38.7	mg/kg	0.90	06/10/10 10:04	
EPA 6010B	Iron	30500	mg/kg	9.0	06/10/10 10:04	
EPA 6010B	Lead	32.5	mg/kg	0.45	06/10/10 10:04	
EPA 6010B	Magnesium	3610	mg/kg	44.8	06/10/10 10:04	
EPA 6010B	Manganese	4210	mg/kg	9.0	06/10/10 16:28	
EPA 6010B	Nickel	21.3	mg/kg	1.8	06/10/10 10:04	
EPA 6010B	Potassium	1810	mg/kg	44.8	06/10/10 10:04	
EPA 6010B	Silver	0.25	mg/kg	0.18	06/10/10 12:53	
EPA 6010B	Thallium	3.1	mg/kg	1.8	06/10/10 12:53	
EPA 6010B	Vanadium	29.8	mg/kg	0.90	06/10/10 10:04	
EPA 6010B	Zinc	83.6	mg/kg	0.90	06/10/10 10:04	
EPA 8260	2-Butanone (MEK)	56.2	ug/kg	13.1	06/07/10 17:49	
ASTM D2974-87	Percent Moisture	21.4	%	0.10	06/01/10 12:49	
EPA 9045	pH at 25 Degrees C	6.3	Std. Units	1.0	05/28/10 22:05	H1
EPA 350.1	Nitrogen, Ammonia	20.9	mg/kg	5.9	06/08/10 16:02	
3028366037	**[redacted]4-P6A**					
EPA 6010B	Aluminum	12900	mg/kg	8.9	06/10/10 10:07	
EPA 6010B	Arsenic	35.9	mg/kg	0.45	06/10/10 10:07	
EPA 6010B	Barium	127	mg/kg	1.8	06/10/10 10:07	
EPA 6010B	Beryllium	0.85	mg/kg	0.18	06/10/10 10:07	
EPA 6010B	Boron	9.9	mg/kg	4.5	06/10/10 10:07	
EPA 6010B	Cadmium	1.2	mg/kg	0.18	06/10/10 10:07	
EPA 6010B	Calcium	1170	mg/kg	179	06/10/10 10:07	
EPA 6010B	Chromium	14.5	mg/kg	0.45	06/10/10 10:07	
EPA 6010B	Cobalt	14.5	mg/kg	0.89	06/10/10 10:07	
EPA 6010B	Copper	28.6	mg/kg	0.89	06/10/10 10:07	
EPA 6010B	Iron	30100	mg/kg	8.9	06/10/10 10:07	
EPA 6010B	Lead	69.1	mg/kg	0.45	06/10/10 10:07	
EPA 6010B	Magnesium	4540	mg/kg	44.7	06/10/10 10:07	
EPA 6010B	Manganese	1490	mg/kg	0.89	06/10/10 10:07	
EPA 6010B	Nickel	24.0	mg/kg	1.8	06/10/10 10:07	
EPA 6010B	Potassium	1670	mg/kg	44.7	06/10/10 10:07	
EPA 6010B	Silver	0.31	mg/kg	0.18	06/10/10 12:58	
EPA 6010B	Vanadium	16.2	mg/kg	0.89	06/10/10 10:07	
EPA 6010B	Zinc	122	mg/kg	0.89	06/10/10 10:07	
EPA 8260	Acetone	280	ug/kg	10.4	06/07/10 18:13	
EPA 8260	2-Butanone (MEK)	31.8	ug/kg	10.4	06/07/10 18:13	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	06/01/10 12:49	
EPA 9045	pH at 25 Degrees C	6.0	Std. Units	1.0	05/28/10 22:05	H1

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HITS ONLY

Project: KLG
Pace Project No.: 3028366

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028366037	**[redacted]4-P6A**					
EPA 350.1	Nitrogen, Ammonia	160	mg/kg	5.4	06/08/10 16:03	
3028366039	**[redacted]4-P6B**					
EPA 6010B	Aluminum	13900	mg/kg	9.8	06/10/10 10:10	
EPA 6010B	Arsenic	8.2	mg/kg	0.49	06/10/10 10:10	
EPA 6010B	Barium	111	mg/kg	2.0	06/10/10 10:10	
EPA 6010B	Beryllium	0.41	mg/kg	0.20	06/10/10 10:10	
EPA 6010B	Boron	8.2	mg/kg	4.9	06/10/10 10:10	
EPA 6010B	Cadmium	0.46	mg/kg	0.20	06/10/10 10:10	
EPA 6010B	Calcium	644	mg/kg	195	06/10/10 10:10	
EPA 6010B	Chromium	13.6	mg/kg	0.49	06/10/10 10:10	
EPA 6010B	Cobalt	6.3	mg/kg	0.98	06/10/10 10:10	
EPA 6010B	Copper	7.2	mg/kg	0.98	06/10/10 10:10	
EPA 6010B	Iron	23900	mg/kg	9.8	06/10/10 10:10	
EPA 6010B	Lead	20.1	mg/kg	0.49	06/10/10 10:10	
EPA 6010B	Magnesium	2220	mg/kg	48.8	06/10/10 10:10	
EPA 6010B	Manganese	704	mg/kg	0.98	06/10/10 10:10	
EPA 6010B	Nickel	10.5	mg/kg	2.0	06/10/10 10:10	
EPA 6010B	Potassium	995	mg/kg	48.8	06/10/10 10:10	
EPA 6010B	Selenium	0.73	mg/kg	0.49	06/10/10 10:10	
EPA 6010B	Silver	0.42	mg/kg	0.20	06/10/10 13:03	
EPA 6010B	Vanadium	22.1	mg/kg	0.98	06/10/10 10:10	
EPA 6010B	Zinc	59.2	mg/kg	0.98	06/10/10 10:10	
EPA 8260	Acetone	322	ug/kg	13.2	06/04/10 00:49	
EPA 8260	2-Butanone (MEK)	13.3	ug/kg	13.2	06/04/10 00:49	
ASTM D2974-87	Percent Moisture	22.4	%	0.10	06/09/10 14:49	
EPA 9045	pH at 25 Degrees C	5.5	Std. Units	1.0	05/28/10 22:05	H1
EPA 350.1	Nitrogen, Ammonia	10.8	mg/kg	6.1	06/08/10 16:04	
3028366047	**[redacted]4-P4B ASTM**					
SM 4500-Cl-E	Chloride	3.8	mg/L	3.0	06/01/10 15:28	

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8015B Modified**
Description: 8015 GCS THC-Diesel
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 8015B Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/5128

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- [redacted]4-P1A (Lab ID: 3028366013)
  - o-Terphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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DIM0223739 DIM0223763

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8015B Modified**
Description: 8015 GCS THC-Diesel
Client: URS Corporation - PGH PA
Date: June 10, 2010

Analyte Comments:

QC Batch: OEXT/5128

O-Terphenyl (surrogate) response in the ending Calibration Standard is high. Surrogate recoveries may be biased high.

- BLANK (Lab ID: 179538)
  - o-Terphenyl (S)
- BRK-1H-P7A (Lab ID: 3028366001)
  - o-Terphenyl (S)
- BRK-1H-P7B (Lab ID: 3028366003)
  - o-Terphenyl (S)
- BRK-1H-P8A (Lab ID: 3028366005)
  - o-Terphenyl (S)
- BRK-1H-P8B (Lab ID: 3028366007)
  - o-Terphenyl (S)
- BRK-1H-P9A (Lab ID: 3028366009)
  - o-Terphenyl (S)
- BRK-1H-P9B (Lab ID: 3028366011)
  - o-Terphenyl (S)
- [redacted]4-P1A (Lab ID: 3028366013)
  - Diesel Components
- [redacted]4-P1B (Lab ID: 3028366015)
  - o-Terphenyl (S)
  - Diesel Components
- [redacted]4-P2A (Lab ID: 3028366017)
  - o-Terphenyl (S)
- [redacted]4-P2B (Lab ID: 3028366019)
  - o-Terphenyl (S)
  - Diesel Components
- [redacted]4-P3A (Lab ID: 3028366021)
  - o-Terphenyl (S)
  - Diesel Components
- [redacted]4-P3B (Lab ID: 3028366023)
  - o-Terphenyl (S)
- [redacted]4-P3C (Lab ID: 3028366031)
  - o-Terphenyl (S)
- [redacted]4-P4A (Lab ID: 3028366025)
  - o-Terphenyl (S)
  - Diesel Components
- [redacted]4-P4B (Lab ID: 3028366027)
  - o-Terphenyl (S)
- [redacted]4-P5A (Lab ID: 3028366028)
  - o-Terphenyl (S)
- [redacted]4-P5B (Lab ID: 3028366030)
  - o-Terphenyl (S)
- [redacted]4-P6A (Lab ID: 3028366037)
  - o-Terphenyl (S)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8015B Modified**
Description: 8015 GCS THC-Diesel
Client: URS Corporation - PGH PA
Date: June 10, 2010

Analyte Comments:

QC Batch: OEXT/5128

O-Terphenyl (surrogate) response in the ending Calibration Standard is high. Surrogate recoveries may be biased high.

- [redacted]4-P7A (Lab ID: 3028366033)
  - o-Terphenyl (S)
- [redacted]4-P7B (Lab ID: 3028366035)
  - o-Terphenyl (S)
- LCS (Lab ID: 179539)
  - o-Terphenyl (S)
- MS (Lab ID: 179540)
  - o-Terphenyl (S)
- MSD (Lab ID: 179541)
  - o-Terphenyl (S)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8015B Modified**
Description: Gasoline Range Organics
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 8015B Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3950

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028346021

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176683)
  - Aluminum
  - Antimony
  - Arsenic
  - Calcium
  - Iron
  - Magnesium
  - Manganese
  - Potassium
  - Selenium

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3950

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 176682)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 10, 2010

QC Batch: MPRP/3950

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- Arsenic

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 7471**
Description: 7471 Mercury
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (Including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/5061

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028309002

R1: RPD value was outside control limits.

- MSD (Lab ID: 177208)
  - 2,4-Dinitrotoluene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8260**
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

QC Batch: MSV/6055

B: Analyte was detected in the associated method blank.
- BLANK (Lab ID: 178435)
  - Methylene Chloride

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/6073

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 179088)
  - Acetone

QC Batch: MSV/6090

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 179500)
  - 1,2,4-Trimethylbenzene
  - 2-Hexanone
  - 4-Methyl-2-pentanone (MIBK)
  - Acetone
  - Naphthalene
  - Toluene

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: EPA 8260
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 10, 2010

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6055

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6073

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6090

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

Analyte Comments:

QC Batch: MSV/6055

C9: Common Laboratory Contaminant.

- BLANK (Lab ID: 178435)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: EPA 8260
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/5983

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 176232)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/5983

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028265001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176233)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 176234)
  - 1,1-Dichloroethene
  - Bromomethane
  - Carbon disulfide

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 10, 2010

QC Batch: MSV/5983

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028265001

R1: RPD value was outside control limits.

- MSD (Lab ID: 176234)
  - 1,1-Dichloroethene
  - Carbon disulfide

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WET/5775

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366024

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 176965)
  - Surfactants

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

Analyte Comments:

QC Batch: WET/5775

2c: Sample was tumbled on 5/31/2010 and analyzed within 48 hours.

- BRK-1H-P7A ASTM (Lab ID: 3028366002)
  - Surfactants
- BRK-1H-P7B ASTM (Lab ID: 3028366004)
  - Surfactants
- BRK-1H-P8A ASTM (Lab ID: 3028366006)
  - Surfactants
- BRK-1H-P8B ASTM (Lab ID: 3028366008)
  - Surfactants
- BRK-1H-P9A ASTM (Lab ID: 3028366010)
  - Surfactants
- BRK-1H-P9B ASTM (Lab ID: 3028366012)
  - Surfactants

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CABOT-EPA 004382

DIM0223739 DIM0223775

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 10, 2010

Analyte Comments:

QC Batch: WET/5775

2c: Sample was tumbled on 5/31/2010 and analyzed within 48 hours.

- DUP (Lab ID: 176964)
  - Surfactants
- [redacted]4-P1A ASTM (Lab ID: 3028366014)
  - Surfactants
- [redacted]4-P1B ASTM (Lab ID: 3028366016)
  - Surfactants
- [redacted]4-P2A ASTM (Lab ID: 3028366018)
  - Surfactants
- [redacted]4-P2B ASTM (Lab ID: 3028366020)
  - Surfactants
- [redacted]4-P3A ASTM (Lab ID: 3028366022)
  - Surfactants
- [redacted]4-P3B ASTM (Lab ID: 3028366024)
  - Surfactants
- [redacted]4-P3C ASTM (Lab ID: 3028366032)
  - Surfactants
- [redacted]4-P4A ASTM (Lab ID: 3028366026)
  - Surfactants
- [redacted]4-P4B ASTM (Lab ID: 3028366047)
  - Surfactants
- [redacted]4-P5A ASTM (Lab ID: 3028366029)
  - Surfactants
- [redacted]4-P5B ASTM (Lab ID: 3028366048)
  - Surfactants
- [redacted]4-P7A ASTM (Lab ID: 3028366034)
  - Surfactants
- MS (Lab ID: 176965)
  - Surfactants

QC Batch: WET/5796

3c: Samples were tumbled on 06/01/2010 and analyzed within 48 hours.

- DUP (Lab ID: 177508)
  - Surfactants
- [redacted]4-P6A ASTM (Lab ID: 3028366038)
  - Surfactants
- [redacted]4-P6B ASTM (Lab ID: 3028366040)
  - Surfactants
- [redacted]4-P7B ASTM (Lab ID: 3028366036)
  - Surfactants
- MS (Lab ID: 177509)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **EPA 9045**
Description: 9045 pH Soil
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 9045. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- [redacted]4-P3C (Lab ID: 3028366031)
- [redacted]4-P5B (Lab ID: 3028366030)
- [redacted]4-P6A (Lab ID: 3028366037)
- [redacted]4-P6B (Lab ID: 3028366039)
- [redacted]4-P7A (Lab ID: 3028366033)
- [redacted]4-P7B (Lab ID: 3028366035)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: EPA 350.1
Description: 350.1 Ammonia
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: SM 4500-Cl-E
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 10, 2010

General Information:
21 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4361

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 176863)
  - Chloride

QC Batch: WETA/4380

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366036

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 177686)
  - Chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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CABOT-EPA 004386

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028366

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 10, 2010

Analyte Comments:

QC Batch: WETA/4361

1c: ASTM BLANK

- BLANK (Lab ID: 176878)
  - Chloride

QC Batch: WETA/4380

1c: ASTM BLANK

- BLANK (Lab ID: 177740)
  - Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7A **Lab ID: 3028366001** Collected: 05/25/10 10:49 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/08/10 11:19	06/09/10 01:38		
o-Terphenyl (S)	70	%	50-150	1	06/08/10 11:19	06/09/10 01:38	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.7	1	06/03/10 17:29	06/04/10 05:36		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/03/10 17:29	06/04/10 05:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	6.3	1	05/30/10 16:05	06/10/10 06:39	7429-90-5	
Antimony	ND	mg/kg	0.31	1	05/30/10 16:05	06/10/10 10:08	7440-36-0	
Arsenic	**8.3**	mg/kg	0.31	1	05/30/10 16:05	06/10/10 10:08	7440-38-2	
Barium	**122**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:39	7440-39-3	
Beryllium	**0.60**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:39	7440-41-7	
Boron	**7.7**	mg/kg	3.1	1	05/30/10 16:05	06/10/10 06:39	7440-42-8	
Cadmium	**0.35**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:39	7440-43-9	
Calcium	**1010**	mg/kg	125	1	05/30/10 16:05	06/10/10 06:39	7440-70-2	
Chromium	**15.1**	mg/kg	0.31	1	05/30/10 16:05	06/10/10 06:39	7440-47-3	
Cobalt	**11.4**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:39	7440-48-4	
Copper	**13.2**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:39	7440-50-8	
Iron	**26900**	mg/kg	6.3	1	05/30/10 16:05	06/10/10 06:39	7439-89-6	
Lead	**12.5**	mg/kg	0.31	1	05/30/10 16:05	06/10/10 10:08	7439-92-1	
Magnesium	**3590**	mg/kg	31.4	1	05/30/10 16:05	06/10/10 06:39	7439-95-4	
Manganese	**503**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:39	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:39	7439-98-7	
Nickel	**18.9**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:39	7440-02-0	
Potassium	**1580**	mg/kg	31.4	1	05/30/10 16:05	06/10/10 06:39	7440-09-7	
Selenium	ND	mg/kg	0.31	1	05/30/10 16:05	06/10/10 06:39	7782-49-2	
Silver	**0.28**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 10:08	7440-22-4	
Sodium	ND	mg/kg	314	1	05/30/10 16:05	06/10/10 06:39	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 10:08	7440-28-0	
Vanadium	**19.1**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:39	7440-62-2	
Zinc	**56.4**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:39	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 14:49	06/03/10 09:53	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	208-96-8	
Anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	191-24-2	

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nelac

CABOT-EPA 004388

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7A **Lab ID: 3028366001** Collected: 05/25/10 10:49 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	206-44-0	
Fluorene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	193-39-5	
Isophorone	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	727	1	06/01/10 12:34	06/02/10 16:50		
Naphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	91-20-3	
2-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	88-74-4	
3-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	99-09-2	
4-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7A **Lab ID: 3028366001** Collected: 05/25/10 10:49 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	86-30-6	
Pentachlorophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	85-01-8	
Phenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	108-95-2	
Pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 16:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 16:50	88-06-2	
Nitrobenzene-d5 (S)	88	%	35-114	1	06/01/10 12:34	06/02/10 16:50	4165-60-0	
2-Fluorobiphenyl (S)	89	%	43-116	1	06/01/10 12:34	06/02/10 16:50	321-60-8	
Terphenyl-d14 (S)	112	%	33-141	1	06/01/10 12:34	06/02/10 16:50	1718-51-0	
Phenol-d6 (S)	76	%	10-110	1	06/01/10 12:34	06/02/10 16:50	13127-88-3	
2-Fluorophenol (S)	79	%	21-110	1	06/01/10 12:34	06/02/10 16:50	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-123	1	06/01/10 12:34	06/02/10 16:50	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**105**	ug/kg	13.0	1		06/06/10 15:22	67-64-1	
Benzene	ND	ug/kg	6.5	1		06/06/10 15:22	71-43-2	
Bromodichloromethane	ND	ug/kg	6.5	1		06/06/10 15:22	75-27-4	
Bromoform	ND	ug/kg	6.5	1		06/06/10 15:22	75-25-2	
Bromomethane	ND	ug/kg	6.5	1		06/06/10 15:22	74-83-9	
TOTAL BTEX	ND	ug/kg	39.1	1		06/06/10 15:22		
2-Butanone (MEK)	ND	ug/kg	13.0	1		06/06/10 15:22	78-93-3	
n-Butylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	135-98-8	
Carbon disulfide	ND	ug/kg	6.5	1		06/06/10 15:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.5	1		06/06/10 15:22	56-23-5	
Chlorobenzene	ND	ug/kg	6.5	1		06/06/10 15:22	108-90-7	
Chloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	75-00-3	
Chloroform	ND	ug/kg	6.5	1		06/06/10 15:22	67-66-3	
Chloromethane	ND	ug/kg	6.5	1		06/06/10 15:22	74-87-3	
Dibromochloromethane	ND	ug/kg	6.5	1		06/06/10 15:22	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.5	1		06/06/10 15:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.5	1		06/06/10 15:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.5	1		06/06/10 15:22	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.0	1		06/06/10 15:22	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.5	1		06/06/10 15:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.5	1		06/06/10 15:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.5	1		06/06/10 15:22	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7A **Lab ID: 3028366001** Collected: 05/25/10 10:49 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	6.5	1		06/06/10 15:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.5	1		06/06/10 15:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.5	1		06/06/10 15:22	10061-02-6	
Ethylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	100-41-4	
2-Hexanone	ND	ug/kg	13.0	1		06/06/10 15:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	1		06/06/10 15:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.5	1		06/06/10 15:22	99-87-6	
Methylene Chloride	ND	ug/kg	6.5	1		06/06/10 15:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.0	1		06/06/10 15:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.5	1		06/06/10 15:22	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1		06/06/10 15:22	91-20-3	
n-Propylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	103-65-1	
Styrene	ND	ug/kg	6.5	1		06/06/10 15:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	79-34-5	
Tetrachloroethene	ND	ug/kg	6.5	1		06/06/10 15:22	127-18-4	
Toluene	ND	ug/kg	6.5	1		06/06/10 15:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.5	1		06/06/10 15:22	79-00-5	
Trichloroethene	ND	ug/kg	6.5	1		06/06/10 15:22	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.5	1		06/06/10 15:22	108-67-8	
Vinyl chloride	ND	ug/kg	6.5	1		06/06/10 15:22	75-01-4	
Xylene (Total)	ND	ug/kg	19.6	1		06/06/10 15:22	1330-20-7	
m&p-Xylene	ND	ug/kg	13.0	1		06/06/10 15:22	179601-23-1	
o-Xylene	ND	ug/kg	6.5	1		06/06/10 15:22	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/06/10 15:22	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/06/10 15:22	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/06/10 15:22	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.5**	%	0.10	1		06/01/10 12:41		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.3**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**52.6**	mg/kg	5.5	1		06/06/10 16:51	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7A ASTM **Lab ID: 3028366002** Collected: 05/25/10 10:49 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.0**	mg/L	3.0	1		06/01/10 15:13	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7B **Lab ID: 3028366003** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/08/10 11:19	06/09/10 02:02		
o-Terphenyl (S)	75	%	50-150	1	06/08/10 11:19	06/09/10 02:02	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	11.2	1	06/03/10 17:29	06/04/10 05:53		
4-Bromofluorobenzene (S)	95	%	70-130	1	06/03/10 17:29	06/04/10 05:53	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12700**	mg/kg	6.0	1	05/30/10 16:05	06/10/10 06:42	7429-90-5	
Antimony	ND	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:13	7440-36-0	
Arsenic	**6.8**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:13	7440-38-2	
Barium	**128**	mg/kg	1.2	1	05/30/10 16:05	06/10/10 06:42	7440-39-3	
Beryllium	**0.66**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 06:42	7440-41-7	
Boron	**7.8**	mg/kg	3.0	1	05/30/10 16:05	06/10/10 06:42	7440-42-8	
Cadmium	**0.38**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 06:42	7440-43-9	
Calcium	**1230**	mg/kg	121	1	05/30/10 16:05	06/10/10 06:42	7440-70-2	
Chromium	**15.8**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 06:42	7440-47-3	
Cobalt	**11.0**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:42	7440-48-4	
Copper	**18.4**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:42	7440-50-8	
Iron	**25300**	mg/kg	6.0	1	05/30/10 16:05	06/10/10 06:42	7439-89-6	
Lead	**11.0**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:13	7439-92-1	
Magnesium	**3980**	mg/kg	30.2	1	05/30/10 16:05	06/10/10 06:42	7439-95-4	
Manganese	**525**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:42	7439-96-5	
Molybdenum	ND	mg/kg	1.2	1	05/30/10 16:05	06/10/10 06:42	7439-98-7	
Nickel	**22.5**	mg/kg	1.2	1	05/30/10 16:05	06/10/10 06:42	7440-02-0	
Potassium	**1850**	mg/kg	30.2	1	05/30/10 16:05	06/10/10 06:42	7440-09-7	
Selenium	ND	mg/kg	0.30	1	05/30/10 16:05	06/10/10 06:42	7782-49-2	
Silver	**0.25**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 10:13	7440-22-4	
Sodium	ND	mg/kg	302	1	05/30/10 16:05	06/10/10 06:42	7440-23-5	
Thallium	ND	mg/kg	1.2	1	05/30/10 16:05	06/10/10 10:13	7440-28-0	
Vanadium	**16.1**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:42	7440-62-2	
Zinc	**58.7**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:42	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 09:58	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	83-32-9	
Acenaphthylene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	208-96-8	
Anthracene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7B **Lab ID: 3028366003** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	207-08-9	
Benzyl alcohol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	59-50-7	
4-Chloroaniline	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	108-60-1	
2-Chloronaphthalene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	91-58-7	
2-Chlorophenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	7005-72-3	
Chrysene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	53-70-3	
Dibenzofuran	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	120-83-2	
Diethylphthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	105-67-9	
Dimethylphthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	117-81-7	
Fluoranthene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	206-44-0	
Fluorene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	77-47-4	
Hexachloroethane	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	193-39-5	
Isophorone	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	78-59-1	
2-Methylnaphthalene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	737	1	06/01/10 12:34	06/02/10 17:13		
Naphthalene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	91-20-3	
2-Nitroaniline	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	88-74-4	
3-Nitroaniline	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	99-09-2	
4-Nitroaniline	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7B **Lab ID: 3028366003** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	98-95-3	
2-Nitrophenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	88-75-5	
4-Nitrophenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	86-30-6	
Pentachlorophenol	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	87-86-5	
Phenanthrene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	85-01-8	
Phenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	108-95-2	
Pyrene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	922	1	06/01/10 12:34	06/02/10 17:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	1	06/01/10 12:34	06/02/10 17:13	88-06-2	
Nitrobenzene-d5 (S)	89	%	35-114	1	06/01/10 12:34	06/02/10 17:13	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/01/10 12:34	06/02/10 17:13	321-60-8	
Terphenyl-d14 (S)	114	%	33-141	1	06/01/10 12:34	06/02/10 17:13	1718-51-0	
Phenol-d6 (S)	79	%	10-110	1	06/01/10 12:34	06/02/10 17:13	13127-88-3	
2-Fluorophenol (S)	89	%	21-110	1	06/01/10 12:34	06/02/10 17:13	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-123	1	06/01/10 12:34	06/02/10 17:13	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	9.6	1		06/07/10 18:37	67-64-1	
Benzene	ND	ug/kg	4.8	1		06/07/10 18:37	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		06/07/10 18:37	75-27-4	
Bromoform	ND	ug/kg	4.8	1		06/07/10 18:37	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		06/07/10 18:37	74-83-9	
TOTAL BTEX	ND	ug/kg	28.9	1		06/07/10 18:37		
2-Butanone (MEK)	ND	ug/kg	9.6	1		06/07/10 18:37	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	135-98-8	
Carbon disulfide	ND	ug/kg	4.8	1		06/07/10 18:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		06/07/10 18:37	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		06/07/10 18:37	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	75-00-3	
Chloroform	ND	ug/kg	4.8	1		06/07/10 18:37	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		06/07/10 18:37	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	1		06/07/10 18:37	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 18:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 18:37	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.6	1		06/07/10 18:37	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 18:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 18:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 18:37	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7B **Lab ID: 3028366003** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.8	1		06/07/10 18:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/07/10 18:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/07/10 18:37	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	100-41-4	
2-Hexanone	ND	ug/kg	9.6	1		06/07/10 18:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/07/10 18:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		06/07/10 18:37	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1		06/07/10 18:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1		06/07/10 18:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/07/10 18:37	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/07/10 18:37	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	103-65-1	
Styrene	ND	ug/kg	4.8	1		06/07/10 18:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		06/07/10 18:37	127-18-4	
Toluene	ND	ug/kg	4.8	1		06/07/10 18:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		06/07/10 18:37	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		06/07/10 18:37	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 18:37	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1		06/07/10 18:37	75-01-4	
Xylene (Total)	ND	ug/kg	14.5	1		06/07/10 18:37	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		06/07/10 18:37	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		06/07/10 18:37	95-47-6	
Toluene-d8 (S)	94	%	70-130	1		06/07/10 18:37	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/07/10 18:37	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/07/10 18:37	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/01/10 12:41		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.6**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**16.5**	mg/kg	5.5	1		06/06/10 16:52	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P7B ASTM **Lab ID: 3028366004** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	**0.19**	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:15	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8A **Lab ID: 3028366005** Collected: 05/25/10 11:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/08/10 11:19	06/09/10 02:26		
o-Terphenyl (S)	65	%	50-150	1	06/08/10 11:19	06/09/10 02:26	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.7	1	06/03/10 17:29	06/04/10 06:10		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/03/10 17:29	06/04/10 06:10	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12200**	mg/kg	9.3	1	05/30/10 16:05	06/10/10 06:47	7429-90-5	
Antimony	ND	mg/kg	0.47	1	05/30/10 16:05	06/10/10 10:17	7440-36-0	
Arsenic	**8.2**	mg/kg	0.47	1	05/30/10 16:05	06/10/10 10:17	7440-38-2	
Barium	**139**	mg/kg	1.9	1	05/30/10 16:05	06/10/10 06:47	7440-39-3	
Beryllium	**0.68**	mg/kg	0.19	1	05/30/10 16:05	06/10/10 06:47	7440-41-7	
Boron	**8.7**	mg/kg	4.7	1	05/30/10 16:05	06/10/10 06:47	7440-42-8	
Cadmium	**0.28**	mg/kg	0.19	1	05/30/10 16:05	06/10/10 06:47	7440-43-9	
Calcium	**1350**	mg/kg	186	1	05/30/10 16:05	06/10/10 06:47	7440-70-2	
Chromium	**15.5**	mg/kg	0.47	1	05/30/10 16:05	06/10/10 06:47	7440-47-3	
Cobalt	**11.5**	mg/kg	0.93	1	05/30/10 16:05	06/10/10 06:47	7440-48-4	
Copper	**17.3**	mg/kg	0.93	1	05/30/10 16:05	06/10/10 06:47	7440-50-8	
Iron	**26500**	mg/kg	9.3	1	05/30/10 16:05	06/10/10 06:47	7439-89-6	
Lead	**14.0**	mg/kg	0.47	1	05/30/10 16:05	06/10/10 10:17	7439-92-1	
Magnesium	**4080**	mg/kg	46.6	1	05/30/10 16:05	06/10/10 06:47	7439-95-4	
Manganese	**513**	mg/kg	0.93	1	05/30/10 16:05	06/10/10 06:47	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	05/30/10 16:05	06/10/10 06:47	7439-98-7	
Nickel	**24.0**	mg/kg	1.9	1	05/30/10 16:05	06/10/10 06:47	7440-02-0	
Potassium	**1940**	mg/kg	46.6	1	05/30/10 16:05	06/10/10 06:47	7440-09-7	
Selenium	ND	mg/kg	0.47	1	05/30/10 16:05	06/10/10 06:47	7782-49-2	
Silver	**0.28**	mg/kg	0.19	1	05/30/10 16:05	06/10/10 10:17	7440-22-4	
Sodium	ND	mg/kg	466	1	05/30/10 16:05	06/10/10 06:47	7440-23-5	
Thallium	ND	mg/kg	1.9	1	05/30/10 16:05	06/10/10 10:17	7440-28-0	
Vanadium	**16.6**	mg/kg	0.93	1	05/30/10 16:05	06/10/10 06:47	7440-62-2	
Zinc	**59.4**	mg/kg	0.93	1	05/30/10 16:05	06/10/10 06:47	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 14:49	06/03/10 09:59	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	208-96-8	
Anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8A **Lab ID: 3028366005** Collected: 05/25/10 11:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	206-44-0	
Fluorene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	193-39-5	
Isophorone	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/01/10 12:34	06/02/10 17:36		
Naphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8A **Lab ID: 3028366005** Collected: 05/25/10 11:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	85-01-8	
Phenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	108-95-2	
Pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 17:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 17:36	88-06-2	
Nitrobenzene-d5 (S)	84	%	35-114	1	06/01/10 12:34	06/02/10 17:36	4165-60-0	
2-Fluorobiphenyl (S)	86	%	43-116	1	06/01/10 12:34	06/02/10 17:36	321-60-8	
Terphenyl-d14 (S)	110	%	33-141	1	06/01/10 12:34	06/02/10 17:36	1718-51-0	
Phenol-d6 (S)	77	%	10-110	1	06/01/10 12:34	06/02/10 17:36	13127-88-3	
2-Fluorophenol (S)	82	%	21-110	1	06/01/10 12:34	06/02/10 17:36	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-123	1	06/01/10 12:34	06/02/10 17:36	118-79-6	
8260 MSV 5030 Low Level	*Analytical Method: EPA 8260*							
Acetone	**11.0**	ug/kg	9.8	1		06/06/10 15:46	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/06/10 15:46	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/06/10 15:46	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/06/10 15:46	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/06/10 15:46	74-83-9	
TOTAL BTEX	ND	ug/kg	29.5	1		06/06/10 15:46		
2-Butanone (MEK)	ND	ug/kg	9.8	1		06/06/10 15:46	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/06/10 15:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/06/10 15:46	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/06/10 15:46	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/06/10 15:46	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/06/10 15:46	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/06/10 15:46	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 15:46	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	1		06/06/10 15:46	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 15:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 15:46	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8A **Lab ID: 3028366005** Collected: 05/25/10 11:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/06/10 15:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/06/10 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/06/10 15:46	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	100-41-4	
2-Hexanone	ND	ug/kg	9.8	1		06/06/10 15:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/06/10 15:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/06/10 15:46	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/06/10 15:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		06/06/10 15:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/06/10 15:46	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/06/10 15:46	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/06/10 15:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/06/10 15:46	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/06/10 15:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/06/10 15:46	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/06/10 15:46	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/06/10 15:46	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/06/10 15:46	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		06/06/10 15:46	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		06/06/10 15:46	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/06/10 15:46	95-47-6	
Toluene-d8 (S)	94	%	70-130	1		06/06/10 15:46	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/06/10 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/06/10 15:46	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		06/01/10 12:41		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.2**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.1	1		06/06/10 16:53	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8A ASTM **Lab ID: 3028366006** Collected: 05/25/10 11:05 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:16	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8B **Lab ID: 3028366007** Collected: 05/25/10 11:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.1	1	06/08/10 11:19	06/09/10 02:49		
o-Terphenyl (S)	66	%	50-150	1	06/08/10 11:19	06/09/10 02:49	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.5	1	06/03/10 17:29	06/04/10 06:27		
4-Bromofluorobenzene (S)	103	%	70-130	1	06/03/10 17:29	06/04/10 06:27	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11000**	mg/kg	7.2	1	05/30/10 16:05	06/10/10 06:50	7429-90-5	
Antimony	ND	mg/kg	0.36	1	05/30/10 16:05	06/10/10 10:22	7440-36-0	
Arsenic	**8.6**	mg/kg	0.36	1	05/30/10 16:05	06/10/10 10:22	7440-38-2	
Barium	**149**	mg/kg	1.4	1	05/30/10 16:05	06/10/10 06:50	7440-39-3	
Beryllium	**0.60**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 06:50	7440-41-7	
Boron	**7.6**	mg/kg	3.6	1	05/30/10 16:05	06/10/10 06:50	7440-42-8	
Cadmium	**0.41**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 06:50	7440-43-9	
Calcium	**1460**	mg/kg	144	1	05/30/10 16:05	06/10/10 06:50	7440-70-2	
Chromium	**13.8**	mg/kg	0.36	1	05/30/10 16:05	06/10/10 06:50	7440-47-3	
Cobalt	**11.5**	mg/kg	0.72	1	05/30/10 16:05	06/10/10 06:50	7440-48-4	
Copper	**17.0**	mg/kg	0.72	1	05/30/10 16:05	06/10/10 06:50	7440-50-8	
Iron	**25000**	mg/kg	7.2	1	05/30/10 16:05	06/10/10 06:50	7439-89-6	
Lead	**12.2**	mg/kg	0.36	1	05/30/10 16:05	06/10/10 10:22	7439-92-1	
Magnesium	**3860**	mg/kg	35.9	1	05/30/10 16:05	06/10/10 06:50	7439-95-4	
Manganese	**568**	mg/kg	0.72	1	05/30/10 16:05	06/10/10 06:50	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:05	06/10/10 06:50	7439-98-7	
Nickel	**22.6**	mg/kg	1.4	1	05/30/10 16:05	06/10/10 06:50	7440-02-0	
Potassium	**1670**	mg/kg	35.9	1	05/30/10 16:05	06/10/10 06:50	7440-09-7	
Selenium	ND	mg/kg	0.36	1	05/30/10 16:05	06/10/10 06:50	7782-49-2	
Silver	**0.24**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 10:22	7440-22-4	
Sodium	ND	mg/kg	359	1	05/30/10 16:05	06/10/10 06:50	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:05	06/10/10 10:22	7440-28-0	
Vanadium	**14.2**	mg/kg	0.72	1	05/30/10 16:05	06/10/10 06:50	7440-62-2	
Zinc	**59.5**	mg/kg	0.72	1	05/30/10 16:05	06/10/10 06:50	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:01	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	83-32-9	
Acenaphthylene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	208-96-8	
Anthracene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	56-55-3	
Benzo(a)pyrene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8B **Lab ID: 3028366007** Collected: 05/25/10 11:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	207-08-9	
Benzyl alcohol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	59-50-7	
4-Chloroaniline	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	108-60-1	
2-Chloronaphthalene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	91-58-7	
2-Chlorophenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	7005-72-3	
Chrysene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	53-70-3	
Dibenzofuran	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	120-83-2	
Diethylphthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	105-67-9	
Dimethylphthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	117-81-7	
Fluoranthene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	206-44-0	
Fluorene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	87-68-3	
Hexachlorobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	77-47-4	
Hexachloroethane	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	193-39-5	
Isophorone	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	78-59-1	
2-Methylnaphthalene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	719	1	06/01/10 12:34	06/02/10 17:59		
Naphthalene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	91-20-3	
2-Nitroaniline	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	88-74-4	
3-Nitroaniline	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	99-09-2	
4-Nitroaniline	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8B **Lab ID: 3028366007** Collected: 05/25/10 11:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	98-95-3	
2-Nitrophenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	88-75-5	
4-Nitrophenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	86-30-6	
Pentachlorophenol	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	87-86-5	
Phenanthrene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	85-01-8	
Phenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	108-95-2	
Pyrene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	900	1	06/01/10 12:34	06/02/10 17:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	360	1	06/01/10 12:34	06/02/10 17:59	88-06-2	
Nitrobenzene-d5 (S)	91	%	35-114	1	06/01/10 12:34	06/02/10 17:59	4165-60-0	
2-Fluorobiphenyl (S)	101	%	43-116	1	06/01/10 12:34	06/02/10 17:59	321-60-8	
Terphenyl-d14 (S)	127	%	33-141	1	06/01/10 12:34	06/02/10 17:59	1718-51-0	
Phenol-d6 (S)	79	%	10-110	1	06/01/10 12:34	06/02/10 17:59	13127-88-3	
2-Fluorophenol (S)	87	%	21-110	1	06/01/10 12:34	06/02/10 17:59	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-123	1	06/01/10 12:34	06/02/10 17:59	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**20.1**	ug/kg	9.9	1		06/06/10 16:10	67-64-1	
Benzene	ND	ug/kg	5.0	1		06/06/10 16:10	71-43-2	
Bromodichloromethane	ND	ug/kg	5.0	1		06/06/10 16:10	75-27-4	
Bromoform	ND	ug/kg	5.0	1		06/06/10 16:10	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		06/06/10 16:10	74-83-9	
TOTAL BTEX	ND	ug/kg	29.8	1		06/06/10 16:10		
2-Butanone (MEK)	ND	ug/kg	9.9	1		06/06/10 16:10	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	135-98-8	
Carbon disulfide	ND	ug/kg	5.0	1		06/06/10 16:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		06/06/10 16:10	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		06/06/10 16:10	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	75-00-3	
Chloroform	ND	ug/kg	5.0	1		06/06/10 16:10	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		06/06/10 16:10	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	1		06/06/10 16:10	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		06/06/10 16:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		06/06/10 16:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		06/06/10 16:10	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.9	1		06/06/10 16:10	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1		06/06/10 16:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/06/10 16:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/06/10 16:10	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8B **Lab ID: 3028366007** Collected: 05/25/10 11:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.0	1		06/06/10 16:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/06/10 16:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/06/10 16:10	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	100-41-4	
2-Hexanone	ND	ug/kg	9.9	1		06/06/10 16:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/06/10 16:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		06/06/10 16:10	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1		06/06/10 16:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.9	1		06/06/10 16:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/06/10 16:10	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/06/10 16:10	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	103-65-1	
Styrene	ND	ug/kg	5.0	1		06/06/10 16:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		06/06/10 16:10	127-18-4	
Toluene	ND	ug/kg	5.0	1		06/06/10 16:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		06/06/10 16:10	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		06/06/10 16:10	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/06/10 16:10	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1		06/06/10 16:10	75-01-4	
Xylene (Total)	ND	ug/kg	14.9	1		06/06/10 16:10	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1		06/06/10 16:10	179601-23-1	
o-Xylene	ND	ug/kg	5.0	1		06/06/10 16:10	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/06/10 16:10	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/06/10 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/06/10 16:10	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.4**	%	0.10	1		06/01/10 12:42		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.6**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**6.8**	mg/kg	5.2	1		06/06/10 16:54	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P8B ASTM **Lab ID: 3028366008** Collected: 05/25/10 11:10 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:16	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9A **Lab ID: 3028366009** Collected: 05/25/10 11:25 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/08/10 11:19	06/09/10 03:13		
o-Terphenyl (S)	64	%	50-150	1	06/08/10 11:19	06/09/10 03:13	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.1	1	06/03/10 17:29	06/04/10 06:43		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/03/10 17:29	06/04/10 06:43	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**9160**	mg/kg	6.3	1	05/30/10 16:05	06/10/10 06:53	7429-90-5	
Antimony	ND	mg/kg	0.32	1	05/30/10 16:05	06/10/10 10:27	7440-36-0	
Arsenic	**7.4**	mg/kg	0.32	1	05/30/10 16:05	06/10/10 10:27	7440-38-2	
Barium	**83.8**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:53	7440-39-3	
Beryllium	**0.59**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:53	7440-41-7	
Boron	**7.1**	mg/kg	3.2	1	05/30/10 16:05	06/10/10 06:53	7440-42-8	
Cadmium	**0.31**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:53	7440-43-9	
Calcium	**1380**	mg/kg	126	1	05/30/10 16:05	06/10/10 06:53	7440-70-2	
Chromium	**12.6**	mg/kg	0.32	1	05/30/10 16:05	06/10/10 06:53	7440-47-3	
Cobalt	**9.7**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:53	7440-48-4	
Copper	**13.8**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:53	7440-50-8	
Iron	**22400**	mg/kg	6.3	1	05/30/10 16:05	06/10/10 06:53	7439-89-6	
Lead	**8.3**	mg/kg	0.32	1	05/30/10 16:05	06/10/10 10:27	7439-92-1	
Magnesium	**3310**	mg/kg	31.6	1	05/30/10 16:05	06/10/10 06:53	7439-95-4	
Manganese	**500**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:53	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:53	7439-98-7	
Nickel	**20.9**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:53	7440-02-0	
Potassium	**1520**	mg/kg	31.6	1	05/30/10 16:05	06/10/10 06:53	7440-09-7	
Selenium	ND	mg/kg	0.32	1	05/30/10 16:05	06/10/10 06:53	7782-49-2	
Silver	**0.22**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 10:27	7440-22-4	
Sodium	ND	mg/kg	316	1	05/30/10 16:05	06/10/10 06:53	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 10:27	7440-28-0	
Vanadium	**13.1**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:53	7440-62-2	
Zinc	**48.3**	mg/kg	0.63	1	05/30/10 16:05	06/10/10 06:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 14:49	06/03/10 10:02	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	83-32-9	
Acenaphthylene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	208-96-8	
Anthracene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9A **Lab ID: 3028366009** Collected: 05/25/10 11:25 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	207-08-9	
Benzyl alcohol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	59-50-7	
4-Chloroaniline	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	108-60-1	
2-Chloronaphthalene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	91-58-7	
2-Chlorophenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	7005-72-3	
Chrysene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	53-70-3	
Dibenzofuran	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	120-83-2	
Diethylphthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	105-67-9	
Dimethylphthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	131-11-3	
Di-n-butylphthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	606-20-2	
Di-n-octylphthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	117-81-7	
Fluoranthene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	206-44-0	
Fluorene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	87-68-3	
Hexachlorobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	77-47-4	
Hexachloroethane	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	193-39-5	
Isophorone	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	78-59-1	
2-Methylnaphthalene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	719	1	06/01/10 12:34	06/02/10 18:22		
Naphthalene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	91-20-3	
2-Nitroaniline	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	88-74-4	
3-Nitroaniline	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	99-09-2	
4-Nitroaniline	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9A **Lab ID: 3028366009** Collected: 05/25/10 11:25 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	98-95-3	
2-Nitrophenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	88-75-5	
4-Nitrophenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	86-30-6	
Pentachlorophenol	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	87-86-5	
Phenanthrene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	85-01-8	
Phenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	108-95-2	
Pyrene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	899	1	06/01/10 12:34	06/02/10 18:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	359	1	06/01/10 12:34	06/02/10 18:22	88-06-2	
Nitrobenzene-d5 (S)	91	%	35-114	1	06/01/10 12:34	06/02/10 18:22	4165-60-0	
2-Fluorobiphenyl (S)	99	%	43-116	1	06/01/10 12:34	06/02/10 18:22	321-60-8	
Terphenyl-d14 (S)	105	%	33-141	1	06/01/10 12:34	06/02/10 18:22	1718-51-0	
Phenol-d6 (S)	85	%	10-110	1	06/01/10 12:34	06/02/10 18:22	13127-88-3	
2-Fluorophenol (S)	88	%	21-110	1	06/01/10 12:34	06/02/10 18:22	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-123	1	06/01/10 12:34	06/02/10 18:22	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**11.9**	ug/kg	9.1	1		06/06/10 16:34	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/06/10 16:34	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/06/10 16:34	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/06/10 16:34	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/06/10 16:34	74-83-9	
TOTAL BTEX	ND	ug/kg	27.3	1		06/06/10 16:34		
2-Butanone (MEK)	ND	ug/kg	9.1	1		06/06/10 16:34	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/06/10 16:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/06/10 16:34	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/06/10 16:34	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/06/10 16:34	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/06/10 16:34	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/06/10 16:34	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/06/10 16:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/06/10 16:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/06/10 16:34	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.1	1		06/06/10 16:34	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/06/10 16:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/06/10 16:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/06/10 16:34	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9A **Lab ID: 3028366009** Collected: 05/25/10 11:25 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/06/10 16:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/06/10 16:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/06/10 16:34	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	100-41-4	
2-Hexanone	ND	ug/kg	9.1	1		06/06/10 16:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/06/10 16:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/06/10 16:34	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/06/10 16:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1		06/06/10 16:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/06/10 16:34	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/06/10 16:34	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/06/10 16:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/06/10 16:34	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/06/10 16:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/06/10 16:34	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/06/10 16:34	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/06/10 16:34	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/06/10 16:34	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	1		06/06/10 16:34	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		06/06/10 16:34	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/06/10 16:34	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/06/10 16:34	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/06/10 16:34	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/06/10 16:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.1**	%	0.10	1		06/01/10 12:42		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.6**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.1	1		06/06/10 16:56	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9A ASTM **Lab ID: 3028366010** Collected: 05/25/10 11:25 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:17	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9B **Lab ID: 3028366011** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.4	1	06/08/10 11:19	06/09/10 04:49		
o-Terphenyl (S)	80	%	50-150	1	06/08/10 11:19	06/09/10 04:49	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.9	1	06/03/10 17:29	06/04/10 07:00		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/03/10 17:29	06/04/10 07:00	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12200**	mg/kg	8.5	1	05/30/10 16:05	06/10/10 06:55	7429-90-5	
Antimony	ND	mg/kg	0.43	1	05/30/10 16:05	06/10/10 10:31	7440-36-0	
Arsenic	**8.5**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 10:31	7440-38-2	
Barium	**132**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:55	7440-39-3	
Beryllium	**0.73**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 06:55	7440-41-7	
Boron	**8.8**	mg/kg	4.3	1	05/30/10 16:05	06/10/10 06:55	7440-42-8	
Cadmium	**0.40**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 06:55	7440-43-9	
Calcium	**1220**	mg/kg	170	1	05/30/10 16:05	06/10/10 06:55	7440-70-2	
Chromium	**15.2**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 06:55	7440-47-3	
Cobalt	**12.3**	mg/kg	0.85	1	05/30/10 16:05	06/10/10 06:55	7440-48-4	
Copper	**19.8**	mg/kg	0.85	1	05/30/10 16:05	06/10/10 06:55	7440-50-8	
Iron	**27500**	mg/kg	8.5	1	05/30/10 16:05	06/10/10 06:55	7439-89-6	
Lead	**12.3**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 10:31	7439-92-1	
Magnesium	**4100**	mg/kg	42.5	1	05/30/10 16:05	06/10/10 06:55	7439-95-4	
Manganese	**706**	mg/kg	0.85	1	05/30/10 16:05	06/10/10 06:55	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:55	7439-98-7	
Nickel	**24.1**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:55	7440-02-0	
Potassium	**2000**	mg/kg	42.5	1	05/30/10 16:05	06/10/10 06:55	7440-09-7	
Selenium	ND	mg/kg	0.43	1	05/30/10 16:05	06/10/10 06:55	7782-49-2	
Silver	**0.28**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 10:31	7440-22-4	
Sodium	ND	mg/kg	425	1	05/30/10 16:05	06/10/10 06:55	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 10:31	7440-28-0	
Vanadium	**16.1**	mg/kg	0.85	1	05/30/10 16:05	06/10/10 06:55	7440-62-2	
Zinc	**59.4**	mg/kg	0.85	1	05/30/10 16:05	06/10/10 06:55	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 14:49	06/03/10 10:04	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	208-96-8	
Anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9B **Lab ID: 3028366011** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	206-44-0	
Fluorene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	193-39-5	
Isophorone	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/01/10 12:34	06/02/10 19:30		
Naphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9B **Lab ID: 3028366011** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	85-01-8	
Phenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	108-95-2	
Pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/01/10 12:34	06/02/10 19:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 19:30	88-06-2	
Nitrobenzene-d5 (S)	80	%	35-114	1	06/01/10 12:34	06/02/10 19:30	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/01/10 12:34	06/02/10 19:30	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/01/10 12:34	06/02/10 19:30	1718-51-0	
Phenol-d6 (S)	65	%	10-110	1	06/01/10 12:34	06/02/10 19:30	13127-88-3	
2-Fluorophenol (S)	77	%	21-110	1	06/01/10 12:34	06/02/10 19:30	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-123	1	06/01/10 12:34	06/02/10 19:30	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**23.9**	ug/kg	8.6	1		06/06/10 16:58	67-64-1	
Benzene	ND	ug/kg	4.3	1		06/06/10 16:58	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		06/06/10 16:58	75-27-4	
Bromoform	ND	ug/kg	4.3	1		06/06/10 16:58	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		06/06/10 16:58	74-83-9	
TOTAL BTEX	ND	ug/kg	25.7	1		06/06/10 16:58		
2-Butanone (MEK)	ND	ug/kg	8.6	1		06/06/10 16:58	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	135-98-8	
Carbon disulfide	ND	ug/kg	4.3	1		06/06/10 16:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		06/06/10 16:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		06/06/10 16:58	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	75-00-3	
Chloroform	ND	ug/kg	4.3	1		06/06/10 16:58	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		06/06/10 16:58	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	1		06/06/10 16:58	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		06/06/10 16:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		06/06/10 16:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		06/06/10 16:58	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.6	1		06/06/10 16:58	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1		06/06/10 16:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/06/10 16:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/06/10 16:58	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9B **Lab ID: 3028366011** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.3	1		06/06/10 16:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/06/10 16:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/06/10 16:58	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	100-41-4	
2-Hexanone	ND	ug/kg	8.6	1		06/06/10 16:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		06/06/10 16:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		06/06/10 16:58	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1		06/06/10 16:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.6	1		06/06/10 16:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		06/06/10 16:58	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		06/06/10 16:58	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	103-65-1	
Styrene	ND	ug/kg	4.3	1		06/06/10 16:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		06/06/10 16:58	127-18-4	
Toluene	ND	ug/kg	4.3	1		06/06/10 16:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		06/06/10 16:58	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		06/06/10 16:58	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		06/06/10 16:58	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1		06/06/10 16:58	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1		06/06/10 16:58	1330-20-7	
m&p-Xylene	ND	ug/kg	8.6	1		06/06/10 16:58	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		06/06/10 16:58	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/06/10 16:58	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/06/10 16:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/06/10 16:58	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.6**	%	0.10	1		06/01/10 12:43		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.0**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/06/10 16:57	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: BRK-1H-P9B ASTM **Lab ID: 3028366012** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:18	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1A **Lab ID: 3028366013** Collected: 05/25/10 15:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**232**	mg/kg	36.6	5	06/08/10 11:19	06/10/10 03:37		
o-Terphenyl (S)	0	%	50-150	5	06/08/10 11:19	06/10/10 03:37	84-15-1	S4
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	11.1	1	06/03/10 17:29	06/04/10 07:18		
4-Bromofluorobenzene (S)	105	%	70-130	1	06/03/10 17:29	06/04/10 07:18	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14100**	mg/kg	6.0	1	05/30/10 16:05	06/10/10 06:58	7429-90-5	
Antimony	ND	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:49	7440-36-0	
Arsenic	**29.0**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:49	7440-38-2	
Barium	**3900**	mg/kg	12.0	10	05/30/10 16:05	06/10/10 08:15	7440-39-3	
Beryllium	**0.71**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 06:58	7440-41-7	
Boron	**7.5**	mg/kg	3.0	1	05/30/10 16:05	06/10/10 06:58	7440-42-8	
Cadmium	**0.75**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 06:58	7440-43-9	
Calcium	**945**	mg/kg	120	1	05/30/10 16:05	06/10/10 06:58	7440-70-2	
Chromium	**14.7**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 06:58	7440-47-3	
Cobalt	**15.3**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:58	7440-48-4	
Copper	**20.4**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:58	7440-50-8	
Iron	**26000**	mg/kg	6.0	1	05/30/10 16:05	06/10/10 06:58	7439-89-6	
Lead	**58.9**	mg/kg	0.30	1	05/30/10 16:05	06/10/10 10:49	7439-92-1	
Magnesium	**4450**	mg/kg	30.1	1	05/30/10 16:05	06/10/10 06:58	7439-95-4	
Manganese	**894**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:58	7439-96-5	
Molybdenum	ND	mg/kg	1.2	1	05/30/10 16:05	06/10/10 06:58	7439-98-7	
Nickel	**21.9**	mg/kg	1.2	1	05/30/10 16:05	06/10/10 06:58	7440-02-0	
Potassium	**1410**	mg/kg	30.1	1	05/30/10 16:05	06/10/10 06:58	7440-09-7	
Selenium	ND	mg/kg	0.30	1	05/30/10 16:05	06/10/10 06:58	7782-49-2	
Silver	**0.31**	mg/kg	0.12	1	05/30/10 16:05	06/10/10 10:49	7440-22-4	
Sodium	**323**	mg/kg	301	1	05/30/10 16:05	06/10/10 06:58	7440-23-5	
Thallium	ND	mg/kg	1.2	1	05/30/10 16:05	06/10/10 10:49	7440-28-0	
Vanadium	**17.0**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:58	7440-62-2	
Zinc	**96.9**	mg/kg	0.60	1	05/30/10 16:05	06/10/10 06:58	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:09	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	83-32-9	
Acenaphthylene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	208-96-8	
Anthracene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1A **Lab ID: 3028366013** Collected: 05/25/10 15:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	207-08-9	
Benzyl alcohol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	59-50-7	
4-Chloroaniline	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	108-60-1	
2-Chloronaphthalene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	91-58-7	
2-Chlorophenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	7005-72-3	
Chrysene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	53-70-3	
Dibenzofuran	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	120-83-2	
Diethylphthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	105-67-9	
Dimethylphthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	117-81-7	
Fluoranthene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	206-44-0	
Fluorene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	77-47-4	
Hexachloroethane	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	193-39-5	
Isophorone	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	78-59-1	
2-Methylnaphthalene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	729	1	06/01/10 12:34	06/02/10 19:53		
Naphthalene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	91-20-3	
2-Nitroaniline	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	88-74-4	
3-Nitroaniline	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	99-09-2	
4-Nitroaniline	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1A **Lab ID: 3028366013** Collected: 05/25/10 15:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	98-95-3	
2-Nitrophenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	88-75-5	
4-Nitrophenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	86-30-6	
Pentachlorophenol	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	87-86-5	
Phenanthrene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	85-01-8	
Phenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	108-95-2	
Pyrene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	912	1	06/01/10 12:34	06/02/10 19:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	365	1	06/01/10 12:34	06/02/10 19:53	88-06-2	
Nitrobenzene-d5 (S)	73	%	35-114	1	06/01/10 12:34	06/02/10 19:53	4165-60-0	
2-Fluorobiphenyl (S)	82	%	43-116	1	06/01/10 12:34	06/02/10 19:53	321-60-8	
Terphenyl-d14 (S)	116	%	33-141	1	06/01/10 12:34	06/02/10 19:53	1718-51-0	
Phenol-d6 (S)	63	%	10-110	1	06/01/10 12:34	06/02/10 19:53	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/01/10 12:34	06/02/10 19:53	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-123	1	06/01/10 12:34	06/02/10 19:53	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**132**	ug/kg	8.9	1		06/06/10 17:23	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/06/10 17:23	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/06/10 17:23	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/06/10 17:23	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/06/10 17:23	74-83-9	
TOTAL BTEX	ND	ug/kg	26.7	1		06/06/10 17:23		
2-Butanone (MEK)	ND	ug/kg	8.9	1		06/06/10 17:23	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	135-98-8	
Carbon disulfide	**14.3**	ug/kg	4.4	1		06/06/10 17:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/06/10 17:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/06/10 17:23	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/06/10 17:23	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/06/10 17:23	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/06/10 17:23	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 17:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 17:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 17:23	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.9	1		06/06/10 17:23	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 17:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 17:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 17:23	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1A **Lab ID: 3028366013** Collected: 05/25/10 15:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/06/10 17:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/06/10 17:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/06/10 17:23	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	100-41-4	
2-Hexanone	ND	ug/kg	8.9	1		06/06/10 17:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/06/10 17:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/06/10 17:23	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/06/10 17:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.9	1		06/06/10 17:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/06/10 17:23	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/06/10 17:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/06/10 17:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/06/10 17:23	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/06/10 17:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/06/10 17:23	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/06/10 17:23	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/06/10 17:23	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/06/10 17:23	75-01-4	
Xylene (Total)	ND	ug/kg	13.3	1		06/06/10 17:23	1330-20-7	
m&p-Xylene	ND	ug/kg	8.9	1		06/06/10 17:23	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/06/10 17:23	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/06/10 17:23	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/06/10 17:23	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		06/06/10 17:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.6**	%	0.10	1		06/01/10 12:43		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.7**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**45.2**	mg/kg	4.9	1		06/06/10 16:58	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1A ASTM **Lab ID: 3028366014** Collected: 05/25/10 15:05 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.5**	mg/L	3.0	1		06/01/10 15:18	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1B **Lab ID: 3028366015** Collected: 05/25/10 15:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**41.1**	mg/kg	8.0	1	06/08/10 11:19	06/09/10 05:37		
o-Terphenyl (S)	82	%	50-150	1	06/08/10 11:19	06/09/10 05:37	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	12.9	1	06/03/10 17:29	06/04/10 07:34		
4-Bromofluorobenzene (S)	108	%	70-130	1	06/03/10 17:29	06/04/10 07:34	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**16900**	mg/kg	8.7	1	05/30/10 16:05	06/10/10 07:14	7429-90-5	
Antimony	ND	mg/kg	0.43	1	05/30/10 16:05	06/10/10 11:08	7440-36-0	
Arsenic	**19.3**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 11:08	7440-38-2	
Barium	**1340**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 07:14	7440-39-3	
Beryllium	**0.60**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 07:14	7440-41-7	
Boron	**8.9**	mg/kg	4.3	1	05/30/10 16:05	06/10/10 07:14	7440-42-8	
Cadmium	**0.46**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 07:14	7440-43-9	
Calcium	**533**	mg/kg	173	1	05/30/10 16:05	06/10/10 07:14	7440-70-2	
Chromium	**16.8**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 07:14	7440-47-3	
Cobalt	**12.9**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 07:14	7440-48-4	
Copper	**11.3**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 07:14	7440-50-8	
Iron	**26200**	mg/kg	8.7	1	05/30/10 16:05	06/10/10 07:14	7439-89-6	
Lead	**19.0**	mg/kg	0.43	1	05/30/10 16:05	06/10/10 11:08	7439-92-1	
Magnesium	**3950**	mg/kg	43.3	1	05/30/10 16:05	06/10/10 07:14	7439-95-4	
Manganese	**929**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 07:14	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 07:14	7439-98-7	
Nickel	**20.1**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 07:14	7440-02-0	
Potassium	**1240**	mg/kg	43.3	1	05/30/10 16:05	06/10/10 07:14	7440-09-7	
Selenium	ND	mg/kg	0.43	1	05/30/10 16:05	06/10/10 07:14	7782-49-2	
Silver	**0.34**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 11:08	7440-22-4	
Sodium	**606**	mg/kg	433	1	05/30/10 16:05	06/10/10 07:14	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 11:08	7440-28-0	
Vanadium	**22.9**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 07:14	7440-62-2	
Zinc	**78.2**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 07:14	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:11	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	83-32-9	
Acenaphthylene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	208-96-8	
Anthracene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	120-12-7	
Benzo(a)anthracene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1B **Lab ID: 3028366015** Collected: 05/25/10 15:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	207-08-9	
Benzyl alcohol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	101-55-3	
Butylbenzylphthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	59-50-7	
4-Chloroaniline	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	108-60-1	
2-Chloronaphthalene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	91-58-7	
2-Chlorophenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	7005-72-3	
Chrysene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	53-70-3	
Dibenzofuran	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	120-83-2	
Diethylphthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	105-67-9	
Dimethylphthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	131-11-3	
Di-n-butylphthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	606-20-2	
Di-n-octylphthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	117-81-7	
Fluoranthene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	206-44-0	
Fluorene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	87-68-3	
Hexachlorobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	77-47-4	
Hexachloroethane	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	193-39-5	
Isophorone	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	78-59-1	
2-Methylnaphthalene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	787	1	06/01/10 12:34	06/02/10 20:16		
Naphthalene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	91-20-3	
2-Nitroaniline	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	88-74-4	
3-Nitroaniline	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	99-09-2	
4-Nitroaniline	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1B **Lab ID: 3028366015** Collected: 05/25/10 15:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	98-95-3	
2-Nitrophenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	88-75-5	
4-Nitrophenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	86-30-6	
Pentachlorophenol	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	87-86-5	
Phenanthrene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	85-01-8	
Phenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	108-95-2	
Pyrene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	984	1	06/01/10 12:34	06/02/10 20:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	393	1	06/01/10 12:34	06/02/10 20:16	88-06-2	
Nitrobenzene-d5 (S)	75	%	35-114	1	06/01/10 12:34	06/02/10 20:16	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/01/10 12:34	06/02/10 20:16	321-60-8	
Terphenyl-d14 (S)	102	%	33-141	1	06/01/10 12:34	06/02/10 20:16	1718-51-0	
Phenol-d6 (S)	70	%	10-110	1	06/01/10 12:34	06/02/10 20:16	13127-88-3	
2-Fluorophenol (S)	77	%	21-110	1	06/01/10 12:34	06/02/10 20:16	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-123	1	06/01/10 12:34	06/02/10 20:16	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**281**	ug/kg	14.9	1		06/06/10 17:47	67-64-1	
Benzene	ND	ug/kg	7.5	1		06/06/10 17:47	71-43-2	
Bromodichloromethane	ND	ug/kg	7.5	1		06/06/10 17:47	75-27-4	
Bromoform	ND	ug/kg	7.5	1		06/06/10 17:47	75-25-2	
Bromomethane	ND	ug/kg	7.5	1		06/06/10 17:47	74-83-9	
TOTAL BTEX	ND	ug/kg	44.7	1		06/06/10 17:47		
2-Butanone (MEK)	ND	ug/kg	14.9	1		06/06/10 17:47	78-93-3	
n-Butylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	135-98-8	
Carbon disulfide	ND	ug/kg	7.5	1		06/06/10 17:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.5	1		06/06/10 17:47	56-23-5	
Chlorobenzene	ND	ug/kg	7.5	1		06/06/10 17:47	108-90-7	
Chloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	75-00-3	
Chloroform	ND	ug/kg	7.5	1		06/06/10 17:47	67-66-3	
Chloromethane	ND	ug/kg	7.5	1		06/06/10 17:47	74-87-3	
Dibromochloromethane	ND	ug/kg	7.5	1		06/06/10 17:47	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	7.5	1		06/06/10 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.5	1		06/06/10 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.5	1		06/06/10 17:47	106-46-7	
1,1-Dichloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	14.9	1		06/06/10 17:47	540-59-0	
1,1-Dichloroethene	ND	ug/kg	7.5	1		06/06/10 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.5	1		06/06/10 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.5	1		06/06/10 17:47	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1B **Lab ID: 3028366015** Collected: 05/25/10 15:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	7.5	1		06/06/10 17:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.5	1		06/06/10 17:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.5	1		06/06/10 17:47	10061-02-6	
Ethylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	100-41-4	
2-Hexanone	ND	ug/kg	14.9	1		06/06/10 17:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.5	1		06/06/10 17:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.5	1		06/06/10 17:47	99-87-6	
Methylene Chloride	ND	ug/kg	7.5	1		06/06/10 17:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.9	1		06/06/10 17:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.5	1		06/06/10 17:47	1634-04-4	
Naphthalene	ND	ug/kg	7.5	1		06/06/10 17:47	91-20-3	
n-Propylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	103-65-1	
Styrene	ND	ug/kg	7.5	1		06/06/10 17:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	79-34-5	
Tetrachloroethene	ND	ug/kg	7.5	1		06/06/10 17:47	127-18-4	
Toluene	ND	ug/kg	7.5	1		06/06/10 17:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.5	1		06/06/10 17:47	79-00-5	
Trichloroethene	ND	ug/kg	7.5	1		06/06/10 17:47	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.5	1		06/06/10 17:47	108-67-8	
Vinyl chloride	ND	ug/kg	7.5	1		06/06/10 17:47	75-01-4	
Xylene (Total)	ND	ug/kg	22.4	1		06/06/10 17:47	1330-20-7	
m&p-Xylene	ND	ug/kg	14.9	1		06/06/10 17:47	179601-23-1	
o-Xylene	ND	ug/kg	7.5	1		06/06/10 17:47	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/06/10 17:47	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/06/10 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130	1		06/06/10 17:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.6**	%	0.10	1		06/01/10 12:44		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**4.9**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**76.8**	mg/kg	5.5	1		06/06/10 16:58	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P1B ASTM **Lab ID: 3028366016** Collected: 05/25/10 15:10 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**35.8**	mg/L	3.0	1		06/01/10 15:19	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-4-P2A **Lab ID: 3028366017** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.1	1	06/08/10 11:19	06/09/10 06:02		
o-Terphenyl (S)	87	%	50-150	1	06/08/10 11:19	06/09/10 06:02	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.7	1	06/07/10 16:38	06/07/10 23:22		
4-Bromofluorobenzene (S)	100	%	70-130	1	06/07/10 16:38	06/07/10 23:22	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12700**	mg/kg	6.8	1	05/30/10 16:05	06/10/10 07:17	7429-90-5	
Antimony	ND	mg/kg	0.34	1	05/30/10 16:05	06/10/10 11:13	7440-36-0	
Arsenic	**20.7**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 11:13	7440-38-2	
Barium	**111**	mg/kg	1.4	1	05/30/10 16:05	06/10/10 07:17	7440-39-3	
Beryllium	**0.83**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 07:17	7440-41-7	
Boron	**9.0**	mg/kg	3.4	1	05/30/10 16:05	06/10/10 07:17	7440-42-8	
Cadmium	**0.85**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 07:17	7440-43-9	
Calcium	**940**	mg/kg	137	1	05/30/10 16:05	06/10/10 07:17	7440-70-2	
Chromium	**14.4**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 07:17	7440-47-3	
Cobalt	**13.8**	mg/kg	0.68	1	05/30/10 16:05	06/10/10 07:17	7440-48-4	
Copper	**18.4**	mg/kg	0.68	1	05/30/10 16:05	06/10/10 07:17	7440-50-8	
Iron	**28600**	mg/kg	6.8	1	05/30/10 16:05	06/10/10 07:17	7439-89-6	
Lead	**41.1**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 11:13	7439-92-1	
Magnesium	**4360**	mg/kg	34.2	1	05/30/10 16:05	06/10/10 07:17	7439-95-4	
Manganese	**1390**	mg/kg	0.68	1	05/30/10 16:05	06/10/10 07:17	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:05	06/10/10 07:17	7439-98-7	
Nickel	**22.7**	mg/kg	1.4	1	05/30/10 16:05	06/10/10 07:17	7440-02-0	
Potassium	**1540**	mg/kg	34.2	1	05/30/10 16:05	06/10/10 07:17	7440-09-7	
Selenium	ND	mg/kg	0.34	1	05/30/10 16:05	06/10/10 07:17	7782-49-2	
Silver	**0.29**	mg/kg	0.14	1	05/30/10 16:05	06/10/10 11:13	7440-22-4	
Sodium	ND	mg/kg	342	1	05/30/10 16:05	06/10/10 07:17	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:05	06/10/10 11:13	7440-28-0	
Vanadium	**16.3**	mg/kg	0.68	1	05/30/10 16:05	06/10/10 07:17	7440-62-2	
Zinc	**81.4**	mg/kg	0.68	1	05/30/10 16:05	06/10/10 07:17	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:12	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	208-96-8	
Anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2A **Lab ID: 3028366017** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	206-44-0	
Fluorene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	193-39-5	
Isophorone	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	727	1	06/01/10 12:34	06/02/10 20:38		
Naphthalene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	91-20-3	
2-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	88-74-4	
3-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	99-09-2	
4-Nitroaniline	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2A **Lab ID: 3028366017** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	86-30-6	
Pentachlorophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	85-01-8	
Phenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	108-95-2	
Pyrene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	909	1	06/01/10 12:34	06/02/10 20:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/01/10 12:34	06/02/10 20:38	88-06-2	
Nitrobenzene-d5 (S)	90	%	35-114	1	06/01/10 12:34	06/02/10 20:38	4165-60-0	
2-Fluorobiphenyl (S)	99	%	43-116	1	06/01/10 12:34	06/02/10 20:38	321-60-8	
Terphenyl-d14 (S)	129	%	33-141	1	06/01/10 12:34	06/02/10 20:38	1718-51-0	
Phenol-d6 (S)	87	%	10-110	1	06/01/10 12:34	06/02/10 20:38	13127-88-3	
2-Fluorophenol (S)	99	%	21-110	1	06/01/10 12:34	06/02/10 20:38	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-123	1	06/01/10 12:34	06/02/10 20:38	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**123**	ug/kg	8.7	1		06/06/10 18:11	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/06/10 18:11	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/06/10 18:11	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/06/10 18:11	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/06/10 18:11	74-83-9	
TOTAL BTEX	ND	ug/kg	26.1	1		06/06/10 18:11		
2-Butanone (MEK)	ND	ug/kg	8.7	1		06/06/10 18:11	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	135-98-8	
Carbon disulfide	ND	ug/kg	4.4	1		06/06/10 18:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/06/10 18:11	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/06/10 18:11	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/06/10 18:11	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/06/10 18:11	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/06/10 18:11	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/06/10 18:11	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.7	1		06/06/10 18:11	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/06/10 18:11	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2A **Lab ID: 3028366017** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/06/10 18:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/06/10 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/06/10 18:11	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	100-41-4	
2-Hexanone	ND	ug/kg	8.7	1		06/06/10 18:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/06/10 18:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/06/10 18:11	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/06/10 18:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.7	1		06/06/10 18:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/06/10 18:11	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/06/10 18:11	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/06/10 18:11	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/06/10 18:11	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/06/10 18:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/06/10 18:11	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/06/10 18:11	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/06/10 18:11	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/06/10 18:11	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	1		06/06/10 18:11	1330-20-7	
m&p-Xylene	ND	ug/kg	8.7	1		06/06/10 18:11	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/06/10 18:11	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/06/10 18:11	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/06/10 18:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		06/06/10 18:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.6**	%	0.10	1		06/01/10 12:44		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.0**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**13.3**	mg/kg	5.2	1		06/06/10 17:02	7664-41-7	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2A ASTM **Lab ID: 3028366018** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.5**	mg/L	3.0	1		06/01/10 15:22	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2B **Lab ID: 3028366019** Collected: 05/25/10 15:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**58.6**	mg/kg	7.4	1	06/08/10 11:19	06/09/10 06:25		
o-Terphenyl (S)	103	%	50-150	1	06/08/10 11:19	06/09/10 06:25	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.0	1	06/07/10 16:38	06/08/10 00:12		
4-Bromofluorobenzene (S)	98	%	70-130	1	06/07/10 16:38	06/08/10 00:12	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14000**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 07:20	7429-90-5	
Antimony	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 11:17	7440-36-0	
Arsenic	**26.3**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 11:17	7440-38-2	
Barium	**115**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 07:20	7440-39-3	
Beryllium	**0.84**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 07:20	7440-41-7	
Boron	**9.6**	mg/kg	4.4	1	05/30/10 16:05	06/10/10 07:20	7440-42-8	
Cadmium	**0.90**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 07:20	7440-43-9	
Calcium	**1490**	mg/kg	177	1	05/30/10 16:05	06/10/10 07:20	7440-70-2	
Chromium	**15.1**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 07:20	7440-47-3	
Cobalt	**14.0**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 07:20	7440-48-4	
Copper	**21.4**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 07:20	7440-50-8	
Iron	**27700**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 07:20	7439-89-6	
Lead	**71.0**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 11:17	7439-92-1	
Magnesium	**4520**	mg/kg	44.2	1	05/30/10 16:05	06/10/10 07:20	7439-95-4	
Manganese	**1110**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 07:20	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 07:20	7439-98-7	
Nickel	**22.9**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 07:20	7440-02-0	
Potassium	**1630**	mg/kg	44.2	1	05/30/10 16:05	06/10/10 07:20	7440-09-7	
Selenium	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 07:20	7782-49-2	
Silver	**0.29**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 11:17	7440-22-4	
Sodium	ND	mg/kg	442	1	05/30/10 16:05	06/10/10 07:20	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 11:17	7440-28-0	
Vanadium	**17.2**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 07:20	7440-62-2	
Zinc	**107**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 07:20	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:14	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	208-96-8	
Anthracene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2B **Lab ID: 3028366019** Collected: 05/25/10 15:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	207-08-9	
Benzyl alcohol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	59-50-7	
4-Chloroaniline	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	108-60-1	
2-Chloronaphthalene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	91-58-7	
2-Chlorophenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	7005-72-3	
Chrysene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	117-81-7	
Fluoranthene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	206-44-0	
Fluorene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	193-39-5	
Isophorone	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	736	1	06/01/10 12:34	06/02/10 21:01		
Naphthalene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	91-20-3	
2-Nitroaniline	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	88-74-4	
3-Nitroaniline	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	99-09-2	
4-Nitroaniline	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	100-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2B **Lab ID: 3028366019** Collected: 05/25/10 15:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	88-75-5	
4-Nitrophenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	86-30-6	
Pentachlorophenol	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	87-86-5	
Phenanthrene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	85-01-8	
Phenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	108-95-2	
Pyrene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	920	1	06/01/10 12:34	06/02/10 21:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	06/01/10 12:34	06/02/10 21:01	88-06-2	
Nitrobenzene-d5 (S)	101	%	35-114	1	06/01/10 12:34	06/02/10 21:01	4165-60-0	
2-Fluorobiphenyl (S)	96	%	43-116	1	06/01/10 12:34	06/02/10 21:01	321-60-8	
Terphenyl-d14 (S)	135	%	33-141	1	06/01/10 12:34	06/02/10 21:01	1718-51-0	
Phenol-d6 (S)	83	%	10-110	1	06/01/10 12:34	06/02/10 21:01	13127-88-3	
2-Fluorophenol (S)	99	%	21-110	1	06/01/10 12:34	06/02/10 21:01	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-123	1	06/01/10 12:34	06/02/10 21:01	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**142**	ug/kg	9.7	1		06/06/10 18:35	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/06/10 18:35	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/06/10 18:35	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/06/10 18:35	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/06/10 18:35	74-83-9	
TOTAL BTEX	ND	ug/kg	29.1	1		06/06/10 18:35		
2-Butanone (MEK)	ND	ug/kg	9.7	1		06/06/10 18:35	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/06/10 18:35	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/06/10 18:35	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/06/10 18:35	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/06/10 18:35	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/06/10 18:35	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/06/10 18:35	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 18:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 18:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/06/10 18:35	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.7	1		06/06/10 18:35	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/06/10 18:35	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2B **Lab ID: 3028366019** Collected: 05/25/10 15:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/06/10 18:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/06/10 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/06/10 18:35	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	100-41-4	
2-Hexanone	ND	ug/kg	9.7	1		06/06/10 18:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/06/10 18:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/06/10 18:35	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/06/10 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.7	1		06/06/10 18:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/06/10 18:35	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/06/10 18:35	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/06/10 18:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/06/10 18:35	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/06/10 18:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/06/10 18:35	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/06/10 18:35	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/06/10 18:35	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/06/10 18:35	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	1		06/06/10 18:35	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		06/06/10 18:35	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/06/10 18:35	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/06/10 18:35	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/06/10 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130	1		06/06/10 18:35	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		06/01/10 12:45		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.7**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**17.4**	mg/kg	5.3	1		06/06/10 17:03	7664-41-7	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P2B ASTM **Lab ID: 3028366020** Collected: 05/25/10 15:20 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:23	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3A **Lab ID: 3028366021** Collected: 05/25/10 15:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**12.6**	mg/kg	7.5	1	06/08/10 11:19	06/09/10 06:49		
o-Terphenyl (S)	93	%	50-150	1	06/08/10 11:19	06/09/10 06:49	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	11.4	1	06/07/10 16:38	06/08/10 00:29		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/07/10 16:38	06/08/10 00:29	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**16500**	mg/kg	7.9	1	05/30/10 16:05	06/10/10 07:23	7429-90-5	
Antimony	ND	mg/kg	0.40	1	05/30/10 16:05	06/10/10 11:22	7440-36-0	
Arsenic	**5.0**	mg/kg	0.40	1	05/30/10 16:05	06/10/10 11:22	7440-38-2	
Barium	**93.4**	mg/kg	1.6	1	05/30/10 16:05	06/10/10 07:23	7440-39-3	
Beryllium	**0.81**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 07:23	7440-41-7	
Boron	**10.3**	mg/kg	4.0	1	05/30/10 16:05	06/10/10 07:23	7440-42-8	
Cadmium	**0.62**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 07:23	7440-43-9	
Calcium	**184**	mg/kg	158	1	05/30/10 16:05	06/10/10 07:23	7440-70-2	
Chromium	**17.7**	mg/kg	0.40	1	05/30/10 16:05	06/10/10 07:23	7440-47-3	
Cobalt	**11.7**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 07:23	7440-48-4	
Copper	**6.8**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 07:23	7440-50-8	
Iron	**33800**	mg/kg	7.9	1	05/30/10 16:05	06/10/10 07:23	7439-89-6	
Lead	**7.5**	mg/kg	0.40	1	05/30/10 16:05	06/10/10 11:22	7439-92-1	
Magnesium	**4780**	mg/kg	39.5	1	05/30/10 16:05	06/10/10 07:23	7439-95-4	
Manganese	**952**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 07:23	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	05/30/10 16:05	06/10/10 07:23	7439-98-7	
Nickel	**27.4**	mg/kg	1.6	1	05/30/10 16:05	06/10/10 07:23	7440-02-0	
Potassium	**1490**	mg/kg	39.5	1	05/30/10 16:05	06/10/10 07:23	7440-09-7	
Selenium	ND	mg/kg	0.40	1	05/30/10 16:05	06/10/10 07:23	7782-49-2	
Silver	**0.41**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 11:22	7440-22-4	
Sodium	ND	mg/kg	395	1	05/30/10 16:05	06/10/10 07:23	7440-23-5	
Thallium	ND	mg/kg	1.6	1	05/30/10 16:05	06/10/10 11:22	7440-28-0	
Vanadium	**21.3**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 07:23	7440-62-2	
Zinc	**66.3**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 07:23	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:15	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	83-32-9	
Acenaphthylene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	208-96-8	
Anthracene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3A **Lab ID: 3028366021** Collected: 05/25/10 15:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	207-08-9	
Benzyl alcohol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	59-50-7	
4-Chloroaniline	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	108-60-1	
2-Chloronaphthalene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	91-58-7	
2-Chlorophenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	7005-72-3	
Chrysene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	53-70-3	
Dibenzofuran	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	120-83-2	
Diethylphthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	105-67-9	
Dimethylphthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	117-81-7	
Fluoranthene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	206-44-0	
Fluorene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	77-47-4	
Hexachloroethane	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	193-39-5	
Isophorone	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	78-59-1	
2-Methylnaphthalene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	745	1	06/01/10 12:34	06/02/10 21:24		
Naphthalene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	91-20-3	
2-Nitroaniline	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	88-74-4	
3-Nitroaniline	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	99-09-2	
4-Nitroaniline	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3A **Lab ID: 3028366021** Collected: 05/25/10 15:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	98-95-3	
2-Nitrophenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	88-75-5	
4-Nitrophenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	86-30-6	
Pentachlorophenol	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	87-86-5	
Phenanthrene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	85-01-8	
Phenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	108-95-2	
Pyrene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	932	1	06/01/10 12:34	06/02/10 21:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	1	06/01/10 12:34	06/02/10 21:24	88-06-2	
Nitrobenzene-d5 (S)	75	%	35-114	1	06/01/10 12:34	06/02/10 21:24	4165-60-0	
2-Fluorobiphenyl (S)	72	%	43-116	1	06/01/10 12:34	06/02/10 21:24	321-60-8	
Terphenyl-d14 (S)	115	%	33-141	1	06/01/10 12:34	06/02/10 21:24	1718-51-0	
Phenol-d6 (S)	71	%	10-110	1	06/01/10 12:34	06/02/10 21:24	13127-88-3	
2-Fluorophenol (S)	80	%	21-110	1	06/01/10 12:34	06/02/10 21:24	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-123	1	06/01/10 12:34	06/02/10 21:24	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**840**	ug/kg	570	50		06/07/10 14:59	67-64-1	
Benzene	ND	ug/kg	4.0	1		06/06/10 18:59	71-43-2	
Bromodichloromethane	ND	ug/kg	4.0	1		06/06/10 18:59	75-27-4	
Bromoform	ND	ug/kg	4.0	1		06/06/10 18:59	75-25-2	
Bromomethane	ND	ug/kg	4.0	1		06/06/10 18:59	74-83-9	
TOTAL BTEX	ND	ug/kg	24.2	1		06/06/10 18:59		
2-Butanone (MEK)	**204**	ug/kg	8.1	1		06/06/10 18:59	78-93-3	
n-Butylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	135-98-8	
Carbon disulfide	ND	ug/kg	4.0	1		06/06/10 18:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1		06/06/10 18:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		06/06/10 18:59	108-90-7	
Chloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	75-00-3	
Chloroform	ND	ug/kg	4.0	1		06/06/10 18:59	67-66-3	
Chloromethane	ND	ug/kg	4.0	1		06/06/10 18:59	74-87-3	
Dibromochloromethane	ND	ug/kg	4.0	1		06/06/10 18:59	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		06/06/10 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		06/06/10 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		06/06/10 18:59	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.1	1		06/06/10 18:59	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.0	1		06/06/10 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1		06/06/10 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		06/06/10 18:59	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3A **Lab ID: 3028366021** Collected: 05/25/10 15:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.0	1		06/06/10 18:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		06/06/10 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		06/06/10 18:59	10061-02-6	
Ethylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	100-41-4	
2-Hexanone	ND	ug/kg	8.1	1		06/06/10 18:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		06/06/10 18:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.0	1		06/06/10 18:59	99-87-6	
Methylene Chloride	ND	ug/kg	4.0	1		06/06/10 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.1	1		06/06/10 18:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		06/06/10 18:59	1634-04-4	
Naphthalene	ND	ug/kg	4.0	1		06/06/10 18:59	91-20-3	
n-Propylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	103-65-1	
Styrene	ND	ug/kg	4.0	1		06/06/10 18:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1		06/06/10 18:59	127-18-4	
Toluene	ND	ug/kg	4.0	1		06/06/10 18:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		06/06/10 18:59	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1		06/06/10 18:59	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1		06/06/10 18:59	108-67-8	
Vinyl chloride	ND	ug/kg	4.0	1		06/06/10 18:59	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	1		06/06/10 18:59	1330-20-7	
m&p-Xylene	ND	ug/kg	8.1	1		06/06/10 18:59	179601-23-1	
o-Xylene	ND	ug/kg	4.0	1		06/06/10 18:59	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/06/10 18:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/06/10 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		06/06/10 18:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.9**	%	0.10	1		06/01/10 12:45		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.2**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**33.6**	mg/kg	5.4	1		06/06/10 17:03	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3A ASTM **Lab ID: 3028366022** Collected: 05/25/10 15:35 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:24	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3B **Lab ID: 3028366023** Collected: 05/25/10 15:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.2	1	06/08/10 11:19	06/09/10 07:13		
o-Terphenyl (S)	91	%	50-150	1	06/08/10 11:19	06/09/10 07:13	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.6	1	06/07/10 16:38	06/08/10 00:45		
4-Bromofluorobenzene (S)	103	%	70-130	1	06/07/10 16:38	06/08/10 00:45	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14500**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 14:18	7429-90-5	
Antimony	**0.86**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 14:18	7440-36-0	
Arsenic	**3.8**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 14:18	7440-38-2	
Barium	**84.4**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 14:18	7440-39-3	
Beryllium	**1.1**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 14:18	7440-41-7	
Boron	**12.7**	mg/kg	4.4	1	05/30/10 16:05	06/10/10 14:18	7440-42-8	
Cadmium	**0.49**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 14:18	7440-43-9	
Calcium	**626**	mg/kg	175	1	05/30/10 16:05	06/10/10 14:18	7440-70-2	
Chromium	**18.9**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 14:18	7440-47-3	
Cobalt	**11.8**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 14:18	7440-48-4	
Copper	**6.1**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 14:18	7440-50-8	
Iron	**37100**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 14:18	7439-89-6	
Lead	**6.2**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 14:18	7439-92-1	
Magnesium	**5580**	mg/kg	43.8	1	05/30/10 16:05	06/10/10 14:18	7439-95-4	
Manganese	**863**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 14:18	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 14:18	7439-98-7	
Nickel	**29.3**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 14:18	7440-02-0	
Potassium	**1880**	mg/kg	43.8	1	05/30/10 16:05	06/10/10 14:18	7440-09-7	
Selenium	**0.56**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 14:18	7782-49-2	
Silver	**1.6**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 14:18	7440-22-4	
Sodium	ND	mg/kg	438	1	05/30/10 16:05	06/10/10 14:18	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 14:18	7440-28-0	
Vanadium	**20.2**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 14:18	7440-62-2	
Zinc	**66.7**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 14:18	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:17	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	83-32-9	
Acenaphthylene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	208-96-8	
Anthracene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	120-12-7	
Benzo(a)anthracene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	56-55-3	
Benzo(a)pyrene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3B **Lab ID: 3028366023** Collected: 05/25/10 15:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	207-08-9	
Benzyl alcohol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	101-55-3	
Butylbenzylphthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	59-50-7	
4-Chloroaniline	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	108-60-1	
2-Chloronaphthalene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	91-58-7	
2-Chlorophenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	7005-72-3	
Chrysene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	53-70-3	
Dibenzofuran	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	120-83-2	
Diethylphthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	105-67-9	
Dimethylphthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	131-11-3	
Di-n-butylphthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	606-20-2	
Di-n-octylphthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	117-81-7	
Fluoranthene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	206-44-0	
Fluorene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	87-68-3	
Hexachlorobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	77-47-4	
Hexachloroethane	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	193-39-5	
Isophorone	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	78-59-1	
2-Methylnaphthalene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	728	1	06/01/10 12:34	06/02/10 21:46		
Naphthalene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	91-20-3	
2-Nitroaniline	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	88-74-4	
3-Nitroaniline	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	99-09-2	
4-Nitroaniline	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3B **Lab ID: 3028366023** Collected: 05/25/10 15:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	98-95-3	
2-Nitrophenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	88-75-5	
4-Nitrophenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	86-30-6	
Pentachlorophenol	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	87-86-5	
Phenanthrene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	85-01-8	
Phenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	108-95-2	
Pyrene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	910	1	06/01/10 12:34	06/02/10 21:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	364	1	06/01/10 12:34	06/02/10 21:46	88-06-2	
Nitrobenzene-d5 (S)	95	%	35-114	1	06/01/10 12:34	06/02/10 21:46	4165-60-0	
2-Fluorobiphenyl (S)	98	%	43-116	1	06/01/10 12:34	06/02/10 21:46	321-60-8	
Terphenyl-d14 (S)	129	%	33-141	1	06/01/10 12:34	06/02/10 21:46	1718-51-0	
Phenol-d6 (S)	87	%	10-110	1	06/01/10 12:34	06/02/10 21:46	13127-88-3	
2-Fluorophenol (S)	98	%	21-110	1	06/01/10 12:34	06/02/10 21:46	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/01/10 12:34	06/02/10 21:46	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**87.1**	ug/kg	8.8	1		06/07/10 15:24	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/07/10 15:24	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/07/10 15:24	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/07/10 15:24	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/07/10 15:24	74-83-9	
TOTAL BTEX	ND	ug/kg	26.5	1		06/07/10 15:24		
2-Butanone (MEK)	ND	ug/kg	8.8	1		06/07/10 15:24	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	135-98-8	
Carbon disulfide	ND	ug/kg	4.4	1		06/07/10 15:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/07/10 15:24	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/07/10 15:24	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/07/10 15:24	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/07/10 15:24	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/07/10 15:24	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 15:24	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	1		06/07/10 15:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 15:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 15:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 15:24	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3B **Lab ID: 3028366023** Collected: 05/25/10 15:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/07/10 15:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/07/10 15:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/07/10 15:24	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	100-41-4	
2-Hexanone	ND	ug/kg	8.8	1		06/07/10 15:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/07/10 15:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/07/10 15:24	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/07/10 15:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.8	1		06/07/10 15:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/07/10 15:24	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/07/10 15:24	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/07/10 15:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/07/10 15:24	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/07/10 15:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/07/10 15:24	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/07/10 15:24	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/07/10 15:24	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/07/10 15:24	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1		06/07/10 15:24	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		06/07/10 15:24	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/07/10 15:24	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/07/10 15:24	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/07/10 15:24	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/07/10 15:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.3**	%	0.10	1		06/01/10 12:45		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.3**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**7.8**	mg/kg	4.9	1		06/06/10 17:04	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3B ASTM **Lab ID: 3028366024** Collected: 05/25/10 15:40 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:24	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4A **Lab ID: 3028366025** Collected: 05/25/10 14:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**23.7**	mg/kg	8.0	1	06/08/10 11:19	06/09/10 07:37		
o-Terphenyl (S)	94	%	50-150	1	06/08/10 11:19	06/09/10 07:37	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	11.8	1	06/07/10 16:38	06/08/10 01:02		
4-Bromofluorobenzene (S)	100	%	70-130	1	06/07/10 16:38	06/08/10 01:02	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14100**	mg/kg	10.3	1	05/30/10 16:09	06/10/10 09:10	7429-90-5	
Antimony	ND	mg/kg	0.51	1	05/30/10 16:09	06/10/10 12:03	7440-36-0	
Arsenic	**17.9**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 09:10	7440-38-2	
Barium	**108**	mg/kg	2.1	1	05/30/10 16:09	06/10/10 09:10	7440-39-3	
Beryllium	**0.59**	mg/kg	0.21	1	05/30/10 16:09	06/10/10 09:10	7440-41-7	
Boron	**8.0**	mg/kg	5.1	1	05/30/10 16:09	06/10/10 09:10	7440-42-8	
Cadmium	**0.71**	mg/kg	0.21	1	05/30/10 16:09	06/10/10 09:10	7440-43-9	
Calcium	**623**	mg/kg	206	1	05/30/10 16:09	06/10/10 09:10	7440-70-2	
Chromium	**13.7**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 09:10	7440-47-3	
Cobalt	**11.6**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 09:10	7440-48-4	
Copper	**14.4**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 09:10	7440-50-8	
Iron	**24000**	mg/kg	10.3	1	05/30/10 16:09	06/10/10 09:10	7439-89-6	
Lead	**33.8**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 09:10	7439-92-1	
Magnesium	**3350**	mg/kg	51.4	1	05/30/10 16:09	06/10/10 09:10	7439-95-4	
Manganese	**1020**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 09:10	7439-96-5	
Molybdenum	ND	mg/kg	2.1	1	05/30/10 16:09	06/10/10 09:10	7439-98-7	
Nickel	**18.5**	mg/kg	2.1	1	05/30/10 16:09	06/10/10 09:10	7440-02-0	
Potassium	**1190**	mg/kg	51.4	1	05/30/10 16:09	06/10/10 09:10	7440-09-7	
Selenium	ND	mg/kg	0.51	1	05/30/10 16:09	06/10/10 09:10	7782-49-2	
Silver	**0.36**	mg/kg	0.21	1	05/30/10 16:09	06/10/10 12:03	7440-22-4	
Sodium	ND	mg/kg	514	1	05/30/10 16:09	06/10/10 09:10	7440-23-5	
Thallium	ND	mg/kg	2.1	1	05/30/10 16:09	06/10/10 12:03	7440-28-0	
Vanadium	**18.2**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 09:10	7440-62-2	
Zinc	**85.0**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 09:10	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	06/02/10 14:49	06/03/10 10:19	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	83-32-9	
Acenaphthylene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	208-96-8	
Anthracene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4A **Lab ID: 3028366025** Collected: 05/25/10 14:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	207-08-9	
Benzyl alcohol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	59-50-7	
4-Chloroaniline	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	108-60-1	
2-Chloronaphthalene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	91-58-7	
2-Chlorophenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	7005-72-3	
Chrysene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	53-70-3	
Dibenzofuran	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	120-83-2	
Diethylphthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	105-67-9	
Dimethylphthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	117-81-7	
Fluoranthene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	206-44-0	
Fluorene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	77-47-4	
Hexachloroethane	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	193-39-5	
Isophorone	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	78-59-1	
2-Methylnaphthalene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	801	1	06/01/10 12:34	06/02/10 22:09		
Naphthalene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	91-20-3	
2-Nitroaniline	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	88-74-4	
3-Nitroaniline	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4A **Lab ID: 3028366025** Collected: 05/25/10 14:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	98-95-3	
2-Nitrophenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	88-75-5	
4-Nitrophenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	86-30-6	
Pentachlorophenol	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	87-86-5	
Phenanthrene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	85-01-8	
Phenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	108-95-2	
Pyrene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1000	1	06/01/10 12:34	06/02/10 22:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	401	1	06/01/10 12:34	06/02/10 22:09	88-06-2	
Nitrobenzene-d5 (S)	95	%	35-114	1	06/01/10 12:34	06/02/10 22:09	4165-60-0	
2-Fluorobiphenyl (S)	97	%	43-116	1	06/01/10 12:34	06/02/10 22:09	321-60-8	
Terphenyl-d14 (S)	120	%	33-141	1	06/01/10 12:34	06/02/10 22:09	1718-51-0	
Phenol-d6 (S)	71	%	10-110	1	06/01/10 12:34	06/02/10 22:09	13127-88-3	
2-Fluorophenol (S)	89	%	21-110	1	06/01/10 12:34	06/02/10 22:09	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-123	1	06/01/10 12:34	06/02/10 22:09	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**654**	ug/kg	590	50		06/08/10 13:15	67-64-1	
Benzene	ND	ug/kg	6.3	1		06/07/10 15:48	71-43-2	
Bromodichloromethane	ND	ug/kg	6.3	1		06/07/10 15:48	75-27-4	
Bromoform	ND	ug/kg	6.3	1		06/07/10 15:48	75-25-2	
Bromomethane	ND	ug/kg	6.3	1		06/07/10 15:48	74-83-9	
TOTAL BTEX	**358**	ug/kg	37.9	1		06/07/10 15:48		
2-Butanone (MEK)	**244**	ug/kg	12.6	1		06/07/10 15:48	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	1		06/07/10 15:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	1		06/07/10 15:48	135-98-8	
Carbon disulfide	ND	ug/kg	6.3	1		06/07/10 15:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.3	1		06/07/10 15:48	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1		06/07/10 15:48	108-90-7	
Chloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	75-00-3	
Chloroform	ND	ug/kg	6.3	1		06/07/10 15:48	67-66-3	
Chloromethane	ND	ug/kg	6.3	1		06/07/10 15:48	74-87-3	
Dibromochloromethane	ND	ug/kg	6.3	1		06/07/10 15:48	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.3	1		06/07/10 15:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1		06/07/10 15:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1		06/07/10 15:48	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.6	1		06/07/10 15:48	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.3	1		06/07/10 15:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	1		06/07/10 15:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	1		06/07/10 15:48	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4A **Lab ID: 3028366025** Collected: 05/25/10 14:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	6.3	1		06/07/10 15:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1		06/07/10 15:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	1		06/07/10 15:48	10061-02-6	
Ethylbenzene	**14.0**	ug/kg	6.3	1		06/07/10 15:48	100-41-4	
2-Hexanone	ND	ug/kg	12.6	1		06/07/10 15:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		06/07/10 15:48	98-82-8	
p-Isopropyltoluene	**18.7**	ug/kg	6.3	1		06/07/10 15:48	99-87-6	
Methylene Chloride	ND	ug/kg	6.3	1		06/07/10 15:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.6	1		06/07/10 15:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		06/07/10 15:48	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		06/07/10 15:48	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	1		06/07/10 15:48	103-65-1	
Styrene	ND	ug/kg	6.3	1		06/07/10 15:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	1		06/07/10 15:48	127-18-4	
Toluene	**344**	ug/kg	6.3	1		06/07/10 15:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	1		06/07/10 15:48	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1		06/07/10 15:48	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		06/07/10 15:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		06/07/10 15:48	108-67-8	
Vinyl chloride	ND	ug/kg	6.3	1		06/07/10 15:48	75-01-4	
Xylene (Total)	ND	ug/kg	19.0	1		06/07/10 15:48	1330-20-7	
m&p-Xylene	ND	ug/kg	12.6	1		06/07/10 15:48	179601-23-1	
o-Xylene	ND	ug/kg	6.3	1		06/07/10 15:48	95-47-6	
Toluene-d8 (S)	106	%	70-130	1		06/07/10 15:48	2037-26-5	
4-Bromofluorobenzene (S)	123	%	70-130	1		06/07/10 15:48	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/07/10 15:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.6**	%	0.10	1		06/01/10 12:46		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.3**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**337**	mg/kg	5.9	1		06/06/10 17:05	7664-41-7	

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CABOT-EPA 004451

DIM0223739 DIM0223844

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-P4A ASTM **Lab ID: 3028366026** Collected: 05/25/10 14:35 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:25	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4B **Lab ID: 3028366027** Collected: 05/25/10 14:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.8	1	06/08/10 11:19	06/09/10 08:01		
o-Terphenyl (S)	88	%	50-150	1	06/08/10 11:19	06/09/10 08:01	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	8.6	1	06/07/10 16:38	06/08/10 01:19		
4-Bromofluorobenzene (S)	104	%	70-130	1	06/07/10 16:38	06/08/10 01:19	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13300**	mg/kg	7.1	1	05/30/10 16:09	06/10/10 09:19	7429-90-5	
Antimony	ND	mg/kg	0.35	1	05/30/10 16:09	06/10/10 12:17	7440-36-0	
Arsenic	**12.1**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 09:19	7440-38-2	
Barium	**61.1**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 09:19	7440-39-3	
Beryllium	**0.62**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 09:19	7440-41-7	
Boron	**7.3**	mg/kg	3.5	1	05/30/10 16:09	06/10/10 09:19	7440-42-8	
Cadmium	**0.45**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 09:19	7440-43-9	
Calcium	**260**	mg/kg	142	1	05/30/10 16:09	06/10/10 09:19	7440-70-2	
Chromium	**14.0**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 09:19	7440-47-3	
Cobalt	**10.5**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 09:19	7440-48-4	
Copper	**12.4**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 09:19	7440-50-8	
Iron	**23900**	mg/kg	7.1	1	05/30/10 16:09	06/10/10 09:19	7439-89-6	
Lead	**16.8**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 09:19	7439-92-1	
Magnesium	**4040**	mg/kg	35.5	1	05/30/10 16:09	06/10/10 09:19	7439-95-4	
Manganese	**473**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 09:19	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 09:19	7439-98-7	
Nickel	**20.6**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 09:19	7440-02-0	
Potassium	**1130**	mg/kg	35.5	1	05/30/10 16:09	06/10/10 09:19	7440-09-7	
Selenium	**0.35**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 09:19	7782-49-2	
Silver	**0.28**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 12:17	7440-22-4	
Sodium	ND	mg/kg	355	1	05/30/10 16:09	06/10/10 09:19	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 12:17	7440-28-0	
Vanadium	**15.7**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 09:19	7440-62-2	
Zinc	**67.7**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 09:19	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:20	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	83-32-9	
Acenaphthylene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	208-96-8	
Anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4B **Lab ID: 3028366027** Collected: 05/25/10 14:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	207-08-9	
Benzyl alcohol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	59-50-7	
4-Chloroaniline	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	91-58-7	
2-Chlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	7005-72-3	
Chrysene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	53-70-3	
Dibenzofuran	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	120-83-2	
Diethylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	105-67-9	
Dimethylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	117-81-7	
Fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	206-44-0	
Fluorene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	77-47-4	
Hexachloroethane	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	193-39-5	
Isophorone	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	760	1	06/01/10 12:34	06/02/10 22:32		
Naphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	91-20-3	
2-Nitroaniline	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	88-74-4	
3-Nitroaniline	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	99-09-2	
4-Nitroaniline	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-P4B **Lab ID: 3028366027** Collected: 05/25/10 14:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	98-95-3	
2-Nitrophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	88-75-5	
4-Nitrophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	86-30-6	
Pentachlorophenol	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	87-86-5	
Phenanthrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	85-01-8	
Phenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	108-95-2	
Pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	951	1	06/01/10 12:34	06/02/10 22:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:32	88-06-2	
Nitrobenzene-d5 (S)	71	%	35-114	1	06/01/10 12:34	06/02/10 22:32	4165-60-0	
2-Fluorobiphenyl (S)	75	%	43-116	1	06/01/10 12:34	06/02/10 22:32	321-60-8	
Terphenyl-d14 (S)	129	%	33-141	1	06/01/10 12:34	06/02/10 22:32	1718-51-0	
Phenol-d6 (S)	63	%	10-110	1	06/01/10 12:34	06/02/10 22:32	13127-88-3	
2-Fluorophenol (S)	72	%	21-110	1	06/01/10 12:34	06/02/10 22:32	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/01/10 12:34	06/02/10 22:32	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**133**	ug/kg	9.6	1		06/07/10 16:12	67-64-1	
Benzene	ND	ug/kg	4.8	1		06/07/10 16:12	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		06/07/10 16:12	75-27-4	
Bromoform	ND	ug/kg	4.8	1		06/07/10 16:12	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		06/07/10 16:12	74-83-9	
TOTAL BTEX	ND	ug/kg	28.8	1		06/07/10 16:12		
2-Butanone (MEK)	ND	ug/kg	9.6	1		06/07/10 16:12	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	135-98-8	
Carbon disulfide	ND	ug/kg	4.8	1		06/07/10 16:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		06/07/10 16:12	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		06/07/10 16:12	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	75-00-3	
Chloroform	ND	ug/kg	4.8	1		06/07/10 16:12	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		06/07/10 16:12	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	1		06/07/10 16:12	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 16:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 16:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		06/07/10 16:12	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.6	1		06/07/10 16:12	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 16:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 16:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/07/10 16:12	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4B **Lab ID: 3028366027** Collected: 05/25/10 14:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.8	1		06/07/10 16:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/07/10 16:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/07/10 16:12	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	100-41-4	
2-Hexanone	ND	ug/kg	9.6	1		06/07/10 16:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/07/10 16:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		06/07/10 16:12	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1		06/07/10 16:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1		06/07/10 16:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/07/10 16:12	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/07/10 16:12	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	103-65-1	
Styrene	ND	ug/kg	4.8	1		06/07/10 16:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		06/07/10 16:12	127-18-4	
Toluene	ND	ug/kg	4.8	1		06/07/10 16:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		06/07/10 16:12	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		06/07/10 16:12	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 16:12	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1		06/07/10 16:12	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	1		06/07/10 16:12	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		06/07/10 16:12	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		06/07/10 16:12	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/07/10 16:12	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/07/10 16:12	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/07/10 16:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.1**	%	0.10	1		06/01/10 12:46		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.1**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**39.3**	mg/kg	5.8	1		06/06/10 17:06	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5A **Lab ID: 3028366028** Collected: 05/25/10 14:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.8	1	06/08/10 11:19	06/09/10 08:25		
o-Terphenyl (S)	85	%	50-150	1	06/08/10 11:19	06/09/10 08:25	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	12.8	1	06/07/10 16:38	06/08/10 01:36		
4-Bromofluorobenzene (S)	105	%	70-130	1	06/07/10 16:38	06/08/10 01:36	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14700**	mg/kg	8.9	1	05/30/10 16:09	06/10/10 09:22	7429-90-5	
Antimony	ND	mg/kg	0.44	1	05/30/10 16:09	06/10/10 12:22	7440-36-0	
Arsenic	**2.7**	mg/kg	0.44	1	05/30/10 16:09	06/10/10 09:22	7440-38-2	
Barium	**113**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 09:22	7440-39-3	
Beryllium	**0.54**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 09:22	7440-41-7	
Boron	**8.4**	mg/kg	4.4	1	05/30/10 16:09	06/10/10 09:22	7440-42-8	
Cadmium	**0.40**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 09:22	7440-43-9	
Calcium	**1070**	mg/kg	178	1	05/30/10 16:09	06/10/10 09:22	7440-70-2	
Chromium	**16.0**	mg/kg	0.44	1	05/30/10 16:09	06/10/10 09:22	7440-47-3	
Cobalt	**9.1**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 09:22	7440-48-4	
Copper	**3.4**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 09:22	7440-50-8	
Iron	**28700**	mg/kg	8.9	1	05/30/10 16:09	06/10/10 09:22	7439-89-6	
Lead	**5.5**	mg/kg	0.44	1	05/30/10 16:09	06/10/10 09:22	7439-92-1	
Magnesium	**3440**	mg/kg	44.5	1	05/30/10 16:09	06/10/10 09:22	7439-95-4	
Manganese	**1050**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 09:22	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 09:22	7439-98-7	
Nickel	**17.8**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 09:22	7440-02-0	
Potassium	**992**	mg/kg	44.5	1	05/30/10 16:09	06/10/10 09:22	7440-09-7	
Selenium	**0.62**	mg/kg	0.44	1	05/30/10 16:09	06/10/10 09:22	7782-49-2	
Silver	**0.35**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 12:22	7440-22-4	
Sodium	ND	mg/kg	445	1	05/30/10 16:09	06/10/10 09:22	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 12:22	7440-28-0	
Vanadium	**20.9**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 09:22	7440-62-2	
Zinc	**62.8**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 09:22	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	06/02/10 14:49	06/03/10 10:22	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	83-32-9	
Acenaphthylene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	208-96-8	
Anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	191-24-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5A **Lab ID: 3028366028** Collected: 05/25/10 14:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	207-08-9	
Benzyl alcohol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	101-55-3	
Butylbenzylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	59-50-7	
4-Chloroaniline	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	108-60-1	
2-Chloronaphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	91-58-7	
2-Chlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	7005-72-3	
Chrysene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	53-70-3	
Dibenzofuran	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	120-83-2	
Diethylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	105-67-9	
Dimethylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	117-81-7	
Fluoranthene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	206-44-0	
Fluorene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	77-47-4	
Hexachloroethane	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	193-39-5	
Isophorone	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	78-59-1	
2-Methylnaphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	760	1	06/01/10 12:34	06/02/10 22:55		
Naphthalene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	91-20-3	
2-Nitroaniline	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	88-74-4	
3-Nitroaniline	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	99-09-2	
4-Nitroaniline	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5A **Lab ID: 3028366028** Collected: 05/25/10 14:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	98-95-3	
2-Nitrophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	88-75-5	
4-Nitrophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	86-30-6	
Pentachlorophenol	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	87-86-5	
Phenanthrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	85-01-8	
Phenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	108-95-2	
Pyrene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	950	1	06/01/10 12:34	06/02/10 22:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	380	1	06/01/10 12:34	06/02/10 22:55	88-06-2	
Nitrobenzene-d5 (S)	89	%	35-114	1	06/01/10 12:34	06/02/10 22:55	4165-60-0	
2-Fluorobiphenyl (S)	89	%	43-116	1	06/01/10 12:34	06/02/10 22:55	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/01/10 12:34	06/02/10 22:55	1718-51-0	
Phenol-d6 (S)	81	%	10-110	1	06/01/10 12:34	06/02/10 22:55	13127-88-3	
2-Fluorophenol (S)	77	%	21-110	1	06/01/10 12:34	06/02/10 22:55	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-123	1	06/01/10 12:34	06/02/10 22:55	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**132**	ug/kg	11.2	1		06/07/10 16:36	67-64-1	
Benzene	ND	ug/kg	5.6	1		06/07/10 16:36	71-43-2	
Bromodichloromethane	ND	ug/kg	5.6	1		06/07/10 16:36	75-27-4	
Bromoform	ND	ug/kg	5.6	1		06/07/10 16:36	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		06/07/10 16:36	74-83-9	
TOTAL BTEX	ND	ug/kg	33.7	1		06/07/10 16:36		
2-Butanone (MEK)	ND	ug/kg	11.2	1		06/07/10 16:36	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	135-98-8	
Carbon disulfide	ND	ug/kg	5.6	1		06/07/10 16:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		06/07/10 16:36	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		06/07/10 16:36	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	75-00-3	
Chloroform	ND	ug/kg	5.6	1		06/07/10 16:36	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		06/07/10 16:36	74-87-3	
Dibromochloromethane	ND	ug/kg	5.6	1		06/07/10 16:36	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		06/07/10 16:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		06/07/10 16:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		06/07/10 16:36	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.2	1		06/07/10 16:36	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.6	1		06/07/10 16:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		06/07/10 16:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		06/07/10 16:36	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5A **Lab ID: 3028366028** Collected: 05/25/10 14:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.6	1		06/07/10 16:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		06/07/10 16:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		06/07/10 16:36	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	100-41-4	
2-Hexanone	ND	ug/kg	11.2	1		06/07/10 16:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		06/07/10 16:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		06/07/10 16:36	99-87-6	
Methylene Chloride	ND	ug/kg	5.6	1		06/07/10 16:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	1		06/07/10 16:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		06/07/10 16:36	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1		06/07/10 16:36	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	103-65-1	
Styrene	ND	ug/kg	5.6	1		06/07/10 16:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		06/07/10 16:36	127-18-4	
Toluene	ND	ug/kg	5.6	1		06/07/10 16:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		06/07/10 16:36	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		06/07/10 16:36	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		06/07/10 16:36	108-67-8	
Vinyl chloride	ND	ug/kg	5.6	1		06/07/10 16:36	75-01-4	
Xylene (Total)	ND	ug/kg	16.9	1		06/07/10 16:36	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	1		06/07/10 16:36	179601-23-1	
o-Xylene	ND	ug/kg	5.6	1		06/07/10 16:36	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/07/10 16:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/07/10 16:36	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/07/10 16:36	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.8**	%	0.10	1		06/01/10 12:47		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.3**	Std. Units	1.0	1		05/27/10 19:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**88.5**	mg/kg	5.9	1		06/08/10 15:59	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5A ASTM **Lab ID: 3028366029** Collected: 05/25/10 14:15 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:26	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5B **Lab ID: 3028366030** Collected: 05/25/10 14:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.6	1	06/08/10 11:19	06/09/10 08:49		
o-Terphenyl (S)	91	%	50-150	1	06/08/10 11:19	06/09/10 08:49	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	12.7	1	06/07/10 16:38	06/08/10 01:52		
4-Bromofluorobenzene (S)	106	%	70-130	1	06/07/10 16:38	06/08/10 01:52	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14900**	mg/kg	8.3	1	05/30/10 16:09	06/10/10 09:25	7429-90-5	
Antimony	ND	mg/kg	0.42	1	05/30/10 16:09	06/10/10 12:27	7440-36-0	
Arsenic	**3.4**	mg/kg	0.42	1	05/30/10 16:09	06/10/10 09:25	7440-38-2	
Barium	**65.9**	mg/kg	1.7	1	05/30/10 16:09	06/10/10 09:25	7440-39-3	
Beryllium	**0.66**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 09:25	7440-41-7	
Boron	**8.6**	mg/kg	4.2	1	05/30/10 16:09	06/10/10 09:25	7440-42-8	
Cadmium	**0.36**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 09:25	7440-43-9	
Calcium	**415**	mg/kg	167	1	05/30/10 16:09	06/10/10 09:25	7440-70-2	
Chromium	**18.5**	mg/kg	0.42	1	05/30/10 16:09	06/10/10 09:25	7440-47-3	
Cobalt	**11.4**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 09:25	7440-48-4	
Copper	**5.5**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 09:25	7440-50-8	
Iron	**29600**	mg/kg	8.3	1	05/30/10 16:09	06/10/10 09:25	7439-89-6	
Lead	**6.1**	mg/kg	0.42	1	05/30/10 16:09	06/10/10 09:25	7439-92-1	
Magnesium	**5240**	mg/kg	41.7	1	05/30/10 16:09	06/10/10 09:25	7439-95-4	
Manganese	**296**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 09:25	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:09	06/10/10 09:25	7439-98-7	
Nickel	**28.2**	mg/kg	1.7	1	05/30/10 16:09	06/10/10 09:25	7440-02-0	
Potassium	**1120**	mg/kg	41.7	1	05/30/10 16:09	06/10/10 09:25	7440-09-7	
Selenium	**0.52**	mg/kg	0.42	1	05/30/10 16:09	06/10/10 09:25	7782-49-2	
Silver	**0.37**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 12:27	7440-22-4	
Sodium	ND	mg/kg	417	1	05/30/10 16:09	06/10/10 09:25	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:09	06/10/10 12:27	7440-28-0	
Vanadium	**19.4**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 09:25	7440-62-2	
Zinc	**58.5**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 09:25	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:24	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	83-32-9	
Acenaphthylene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	208-96-8	
Anthracene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5B **Lab ID: 3028366030** Collected: 05/25/10 14:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	207-08-9	
Benzyl alcohol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	59-50-7	
4-Chloroaniline	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	108-60-1	
2-Chloronaphthalene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	91-58-7	
2-Chlorophenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	7005-72-3	
Chrysene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	53-70-3	
Dibenzofuran	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	120-83-2	
Diethylphthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	105-67-9	
Dimethylphthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	117-81-7	
Fluoranthene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	206-44-0	
Fluorene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	77-47-4	
Hexachloroethane	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	193-39-5	
Isophorone	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	78-59-1	
2-Methylnaphthalene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	755	1	06/01/10 12:34	06/02/10 23:18		
Naphthalene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	91-20-3	
2-Nitroaniline	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	88-74-4	
3-Nitroaniline	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	99-09-2	
4-Nitroaniline	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5B **Lab ID: 3028366030** Collected: 05/25/10 14:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	98-95-3	
2-Nitrophenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	88-75-5	
4-Nitrophenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	86-30-6	
Pentachlorophenol	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	87-86-5	
Phenanthrene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	85-01-8	
Phenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	108-95-2	
Pyrene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	944	1	06/01/10 12:34	06/02/10 23:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	377	1	06/01/10 12:34	06/02/10 23:18	88-06-2	
Nitrobenzene-d5 (S)	90	%	35-114	1	06/01/10 12:34	06/02/10 23:18	4165-60-0	
2-Fluorobiphenyl (S)	96	%	43-116	1	06/01/10 12:34	06/02/10 23:18	321-60-8	
Terphenyl-d14 (S)	117	%	33-141	1	06/01/10 12:34	06/02/10 23:18	1718-51-0	
Phenol-d6 (S)	83	%	10-110	1	06/01/10 12:34	06/02/10 23:18	13127-88-3	
2-Fluorophenol (S)	91	%	21-110	1	06/01/10 12:34	06/02/10 23:18	367-12-4	
2,4,6-Tribromophenol (S)	74	%	10-123	1	06/01/10 12:34	06/02/10 23:18	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**302**	ug/kg	10.1	1		06/03/10 22:56	67-64-1	
Benzene	ND	ug/kg	5.0	1		06/03/10 22:56	71-43-2	
Bromodichloromethane	ND	ug/kg	5.0	1		06/03/10 22:56	75-27-4	
Bromoform	ND	ug/kg	5.0	1		06/03/10 22:56	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		06/03/10 22:56	74-83-9	
TOTAL BTEX	ND	ug/kg	30.2	1		06/03/10 22:56		
2-Butanone (MEK)	**16.7**	ug/kg	10.1	1		06/03/10 22:56	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	135-98-8	
Carbon disulfide	ND	ug/kg	5.0	1		06/03/10 22:56	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		06/03/10 22:56	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		06/03/10 22:56	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	75-00-3	
Chloroform	ND	ug/kg	5.0	1		06/03/10 22:56	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		06/03/10 22:56	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	1		06/03/10 22:56	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		06/03/10 22:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		06/03/10 22:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		06/03/10 22:56	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.1	1		06/03/10 22:56	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1		06/03/10 22:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/03/10 22:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/03/10 22:56	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5B **Lab ID: 3028366030** Collected: 05/25/10 14:20 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.0	1		06/03/10 22:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/03/10 22:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/03/10 22:56	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	100-41-4	
2-Hexanone	ND	ug/kg	10.1	1		06/03/10 22:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/03/10 22:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		06/03/10 22:56	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1		06/03/10 22:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.1	1		06/03/10 22:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/03/10 22:56	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/03/10 22:56	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	103-65-1	
Styrene	ND	ug/kg	5.0	1		06/03/10 22:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		06/03/10 22:56	127-18-4	
Toluene	ND	ug/kg	5.0	1		06/03/10 22:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		06/03/10 22:56	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		06/03/10 22:56	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 22:56	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1		06/03/10 22:56	75-01-4	
Xylene (Total)	ND	ug/kg	15.1	1		06/03/10 22:56	1330-20-7	
m&p-Xylene	ND	ug/kg	10.1	1		06/03/10 22:56	179601-23-1	
o-Xylene	ND	ug/kg	5.0	1		06/03/10 22:56	95-47-6	
Toluene-d8 (S)	100	%	70-130	1		06/03/10 22:56	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/03/10 22:56	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		06/03/10 22:56	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.0**	%	0.10	1		06/01/10 12:47		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.7**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**19.9**	mg/kg	5.7	1		06/08/10 16:00	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-4-P3C **Lab ID: 3028366031** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.2	1	06/08/10 11:19	06/09/10 10:01		
o-Terphenyl (S)	89	%	50-150	1	06/08/10 11:19	06/09/10 10:01	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	8.6	1	06/07/10 16:38	06/08/10 02:09		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/07/10 16:38	06/08/10 02:09	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15400**	mg/kg	9.3	1	05/30/10 16:09	06/10/10 09:28	7429-90-5	
Antimony	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 12:31	7440-36-0	
Arsenic	**3.3**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 09:28	7440-38-2	
Barium	**90.3**	mg/kg	1.9	1	05/30/10 16:09	06/10/10 09:28	7440-39-3	
Beryllium	**1.3**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 09:28	7440-41-7	
Boron	**12.5**	mg/kg	4.6	1	05/30/10 16:09	06/10/10 09:28	7440-42-8	
Cadmium	**0.53**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 09:28	7440-43-9	
Calcium	**661**	mg/kg	186	1	05/30/10 16:09	06/10/10 09:28	7440-70-2	
Chromium	**20.3**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 09:28	7440-47-3	
Cobalt	**12.1**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 09:28	7440-48-4	
Copper	**6.2**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 09:28	7440-50-8	
Iron	**38600**	mg/kg	9.3	1	05/30/10 16:09	06/10/10 09:28	7439-89-6	
Lead	**6.4**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 09:28	7439-92-1	
Magnesium	**6010**	mg/kg	46.5	1	05/30/10 16:09	06/10/10 09:28	7439-95-4	
Manganese	**829**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 09:28	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	05/30/10 16:09	06/10/10 09:28	7439-98-7	
Nickel	**30.6**	mg/kg	1.9	1	05/30/10 16:09	06/10/10 09:28	7440-02-0	
Potassium	**1970**	mg/kg	46.5	1	05/30/10 16:09	06/10/10 09:28	7440-09-7	
Selenium	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 09:28	7782-49-2	
Silver	**0.43**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 12:31	7440-22-4	
Sodium	ND	mg/kg	465	1	05/30/10 16:09	06/10/10 09:28	7440-23-5	
Thallium	ND	mg/kg	1.9	1	05/30/10 16:09	06/10/10 12:31	7440-28-0	
Vanadium	**20.6**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 09:28	7440-62-2	
Zinc	**69.5**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 09:28	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 14:49	06/03/10 10:29	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	208-96-8	
Anthracene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	191-24-2	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3C **Lab ID: 3028366031** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	207-08-9	
Benzyl alcohol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	59-50-7	
4-Chloroaniline	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	108-60-1	
2-Chloronaphthalene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	91-58-7	
2-Chlorophenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	7005-72-3	
Chrysene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	117-81-7	
Fluoranthene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	206-44-0	
Fluorene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	193-39-5	
Isophorone	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	711	1	06/01/10 12:34	06/02/10 23:41		
Naphthalene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	91-20-3	
2-Nitroaniline	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	88-74-4	
3-Nitroaniline	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	99-09-2	
4-Nitroaniline	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3C **Lab ID: 3028366031** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	88-75-5	
4-Nitrophenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	86-30-6	
Pentachlorophenol	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	87-86-5	
Phenanthrene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	85-01-8	
Phenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	108-95-2	
Pyrene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	889	1	06/01/10 12:34	06/02/10 23:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	06/01/10 12:34	06/02/10 23:41	88-06-2	
Nitrobenzene-d5 (S)	86	%	35-114	1	06/01/10 12:34	06/02/10 23:41	4165-60-0	
2-Fluorobiphenyl (S)	97	%	43-116	1	06/01/10 12:34	06/02/10 23:41	321-60-8	
Terphenyl-d14 (S)	122	%	33-141	1	06/01/10 12:34	06/02/10 23:41	1718-51-0	
Phenol-d6 (S)	90	%	10-110	1	06/01/10 12:34	06/02/10 23:41	13127-88-3	
2-Fluorophenol (S)	91	%	21-110	1	06/01/10 12:34	06/02/10 23:41	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-123	1	06/01/10 12:34	06/02/10 23:41	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**118**	ug/kg	8.9	1		06/07/10 17:01	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/07/10 17:01	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/07/10 17:01	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/07/10 17:01	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/07/10 17:01	74-83-9	
TOTAL BTEX	ND	ug/kg	26.6	1		06/07/10 17:01		
2-Butanone (MEK)	**10.3**	ug/kg	8.9	1		06/07/10 17:01	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	135-98-8	
Carbon disulfide	ND	ug/kg	4.4	1		06/07/10 17:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/07/10 17:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/07/10 17:01	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/07/10 17:01	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/07/10 17:01	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/07/10 17:01	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/07/10 17:01	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.9	1		06/07/10 17:01	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/07/10 17:01	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3C **Lab ID: 3028366031** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/07/10 17:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/07/10 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/07/10 17:01	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	100-41-4	
2-Hexanone	ND	ug/kg	8.9	1		06/07/10 17:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/07/10 17:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/07/10 17:01	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/07/10 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.9	1		06/07/10 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/07/10 17:01	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/07/10 17:01	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/07/10 17:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/07/10 17:01	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/07/10 17:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/07/10 17:01	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/07/10 17:01	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/07/10 17:01	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/07/10 17:01	75-01-4	
Xylene (Total)	ND	ug/kg	13.3	1		06/07/10 17:01	1330-20-7	
m&p-Xylene	ND	ug/kg	8.9	1		06/07/10 17:01	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/07/10 17:01	95-47-6	
Toluene-d8 (S)	94	%	70-130	1		06/07/10 17:01	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/07/10 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/07/10 17:01	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.8**	%	0.10	1		06/01/10 12:48		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.4**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**212**	mg/kg	5.3	1		06/08/10 16:00	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P3C ASTM **Lab ID: 3028366032** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:26	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7A **Lab ID: 3028366033** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	9.3	1	06/08/10 11:19	06/09/10 10:25		
o-Terphenyl (S)	92	%	50-150	1	06/08/10 11:19	06/09/10 10:25	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	16.4	1	06/07/10 16:38	06/08/10 02:26		
4-Bromofluorobenzene (S)	101	%	70-130	1	06/07/10 16:38	06/08/10 02:26	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**18200**	mg/kg	12.4	1	05/30/10 16:09	06/10/10 09:31	7429-90-5	
Antimony	ND	mg/kg	0.62	1	05/30/10 16:09	06/10/10 12:36	7440-36-0	
Arsenic	**22.8**	mg/kg	0.62	1	05/30/10 16:09	06/10/10 09:31	7440-38-2	
Barium	**380**	mg/kg	2.5	1	05/30/10 16:09	06/10/10 09:31	7440-39-3	
Beryllium	**1.5**	mg/kg	0.25	1	05/30/10 16:09	06/10/10 09:31	7440-41-7	
Boron	**10.6**	mg/kg	6.2	1	05/30/10 16:09	06/10/10 09:31	7440-42-8	
Cadmium	**1.1**	mg/kg	0.25	1	05/30/10 16:09	06/10/10 09:31	7440-43-9	
Calcium	**1870**	mg/kg	248	1	05/30/10 16:09	06/10/10 09:31	7440-70-2	
Chromium	**20.3**	mg/kg	0.62	1	05/30/10 16:09	06/10/10 09:31	7440-47-3	
Cobalt	**11.8**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 09:31	7440-48-4	
Copper	**24.7**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 09:31	7440-50-8	
Iron	**28600**	mg/kg	12.4	1	05/30/10 16:09	06/10/10 09:31	7439-89-6	
Lead	**38.1**	mg/kg	0.62	1	05/30/10 16:09	06/10/10 09:31	7439-92-1	
Magnesium	**3140**	mg/kg	62.1	1	05/30/10 16:09	06/10/10 09:31	7439-95-4	
Manganese	**2980**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 09:31	7439-96-5	
Molybdenum	ND	mg/kg	2.5	1	05/30/10 16:09	06/10/10 09:31	7439-98-7	
Nickel	**18.5**	mg/kg	2.5	1	05/30/10 16:09	06/10/10 09:31	7440-02-0	
Potassium	**1740**	mg/kg	62.1	1	05/30/10 16:09	06/10/10 09:31	7440-09-7	
Selenium	ND	mg/kg	0.62	1	05/30/10 16:09	06/10/10 09:31	7782-49-2	
Silver	**0.32**	mg/kg	0.25	1	05/30/10 16:09	06/10/10 12:36	7440-22-4	
Sodium	ND	mg/kg	621	1	05/30/10 16:09	06/10/10 09:31	7440-23-5	
Thallium	ND	mg/kg	2.5	1	05/30/10 16:09	06/10/10 12:36	7440-28-0	
Vanadium	**29.1**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 09:31	7440-62-2	
Zinc	**98.7**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 09:31	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.14	1	06/02/10 14:49	06/03/10 10:30	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	83-32-9	
Acenaphthylene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	208-96-8	
Anthracene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7A **Lab ID: 3028366033** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	207-08-9	
Benzyl alcohol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	101-55-3	
Butylbenzylphthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	59-50-7	
4-Chloroaniline	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	108-60-1	
2-Chloronaphthalene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	91-58-7	
2-Chlorophenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	7005-72-3	
Chrysene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	53-70-3	
Dibenzofuran	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	120-83-2	
Diethylphthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	105-67-9	
Dimethylphthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	131-11-3	
Di-n-butylphthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	606-20-2	
Di-n-octylphthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	117-81-7	
Fluoranthene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	206-44-0	
Fluorene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	87-68-3	
Hexachlorobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	77-47-4	
Hexachloroethane	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	193-39-5	
Isophorone	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	78-59-1	
2-Methylnaphthalene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	933	1	06/01/10 12:34	06/03/10 00:04		
Naphthalene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	91-20-3	
2-Nitroaniline	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	88-74-4	
3-Nitroaniline	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	99-09-2	
4-Nitroaniline	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7A **Lab ID: 3028366033** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	98-95-3	
2-Nitrophenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	88-75-5	
4-Nitrophenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	86-30-6	
Pentachlorophenol	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	87-86-5	
Phenanthrene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	85-01-8	
Phenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	108-95-2	
Pyrene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1170	1	06/01/10 12:34	06/03/10 00:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	467	1	06/01/10 12:34	06/03/10 00:04	88-06-2	
Nitrobenzene-d5 (S)	87	%	35-114	1	06/01/10 12:34	06/03/10 00:04	4165-60-0	
2-Fluorobiphenyl (S)	91	%	43-116	1	06/01/10 12:34	06/03/10 00:04	321-60-8	
Terphenyl-d14 (S)	114	%	33-141	1	06/01/10 12:34	06/03/10 00:04	1718-51-0	
Phenol-d6 (S)	58	%	10-110	1	06/01/10 12:34	06/03/10 00:04	13127-88-3	
2-Fluorophenol (S)	71	%	21-110	1	06/01/10 12:34	06/03/10 00:04	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-123	1	06/01/10 12:34	06/03/10 00:04	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	820	50		06/08/10 13:40	67-64-1	
Benzene	ND	ug/kg	7.9	1		06/07/10 17:25	71-43-2	
Bromodichloromethane	ND	ug/kg	7.9	1		06/07/10 17:25	75-27-4	
Bromoform	ND	ug/kg	7.9	1		06/07/10 17:25	75-25-2	
Bromomethane	ND	ug/kg	7.9	1		06/07/10 17:25	74-83-9	
TOTAL BTEX	ND	ug/kg	47.3	1		06/07/10 17:25		
2-Butanone (MEK)	**83.7**	ug/kg	15.8	1		06/07/10 17:25	78-93-3	
n-Butylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	135-98-8	
Carbon disulfide	ND	ug/kg	7.9	1		06/07/10 17:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.9	1		06/07/10 17:25	56-23-5	
Chlorobenzene	ND	ug/kg	7.9	1		06/07/10 17:25	108-90-7	
Chloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	75-00-3	
Chloroform	ND	ug/kg	7.9	1		06/07/10 17:25	67-66-3	
Chloromethane	ND	ug/kg	7.9	1		06/07/10 17:25	74-87-3	
Dibromochloromethane	ND	ug/kg	7.9	1		06/07/10 17:25	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	7.9	1		06/07/10 17:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.9	1		06/07/10 17:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.9	1		06/07/10 17:25	106-46-7	
1,1-Dichloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	15.8	1		06/07/10 17:25	540-59-0	
1,1-Dichloroethene	ND	ug/kg	7.9	1		06/07/10 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.9	1		06/07/10 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.9	1		06/07/10 17:25	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7A **Lab ID: 3028366033** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	7.9	1		06/07/10 17:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.9	1		06/07/10 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.9	1		06/07/10 17:25	10061-02-6	
Ethylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	100-41-4	
2-Hexanone	ND	ug/kg	15.8	1		06/07/10 17:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.9	1		06/07/10 17:25	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.9	1		06/07/10 17:25	99-87-6	
Methylene Chloride	ND	ug/kg	7.9	1		06/07/10 17:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.8	1		06/07/10 17:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.9	1		06/07/10 17:25	1634-04-4	
Naphthalene	ND	ug/kg	7.9	1		06/07/10 17:25	91-20-3	
n-Propylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	103-65-1	
Styrene	ND	ug/kg	7.9	1		06/07/10 17:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	79-34-5	
Tetrachloroethene	ND	ug/kg	7.9	1		06/07/10 17:25	127-18-4	
Toluene	ND	ug/kg	7.9	1		06/07/10 17:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.9	1		06/07/10 17:25	79-00-5	
Trichloroethene	ND	ug/kg	7.9	1		06/07/10 17:25	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.9	1		06/07/10 17:25	108-67-8	
Vinyl chloride	ND	ug/kg	7.9	1		06/07/10 17:25	75-01-4	
Xylene (Total)	ND	ug/kg	23.7	1		06/07/10 17:25	1330-20-7	
m&p-Xylene	ND	ug/kg	15.8	1		06/07/10 17:25	179601-23-1	
o-Xylene	ND	ug/kg	7.9	1		06/07/10 17:25	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/07/10 17:25	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		06/07/10 17:25	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/07/10 17:25	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**29.4**	%	0.10	1		06/01/10 12:48		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.3**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**183**	mg/kg	6.8	1		06/08/10 16:01	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-P7A ASTM **Lab ID: 3028366034** Collected: 05/25/10 13:45 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:27	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7B **Lab ID: 3028366035** Collected: 05/25/10 13:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	8.4	1	06/08/10 11:19	06/09/10 10:48		
o-Terphenyl (S)	85	%	50-150	1	06/08/10 11:19	06/09/10 10:48	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	13.8	1	06/07/10 16:38	06/08/10 02:43		
4-Bromofluorobenzene (S)	103	%	70-130	1	06/07/10 16:38	06/08/10 02:43	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**18100**	mg/kg	9.0	1	05/30/10 16:09	06/10/10 10:04	7429-90-5	
Antimony	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 12:53	7440-36-0	
Arsenic	**32.6**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:04	7440-38-2	
Barium	**317**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:04	7440-39-3	
Beryllium	**1.8**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:04	7440-41-7	
Boron	**10.6**	mg/kg	4.5	1	05/30/10 16:09	06/10/10 10:04	7440-42-8	
Cadmium	**1.0**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:04	7440-43-9	
Calcium	**1620**	mg/kg	179	1	05/30/10 16:09	06/10/10 10:04	7440-70-2	
Chromium	**21.8**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:04	7440-47-3	
Cobalt	**13.5**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:04	7440-48-4	
Copper	**38.7**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:04	7440-50-8	
Iron	**30500**	mg/kg	9.0	1	05/30/10 16:09	06/10/10 10:04	7439-89-6	
Lead	**32.5**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:04	7439-92-1	
Magnesium	**3610**	mg/kg	44.8	1	05/30/10 16:09	06/10/10 10:04	7439-95-4	
Manganese	**4210**	mg/kg	9.0	10	05/30/10 16:09	06/10/10 16:28	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:04	7439-98-7	
Nickel	**21.3**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:04	7440-02-0	
Potassium	**1810**	mg/kg	44.8	1	05/30/10 16:09	06/10/10 10:04	7440-09-7	
Selenium	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:04	7782-49-2	
Silver	**0.25**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 12:53	7440-22-4	
Sodium	ND	mg/kg	448	1	05/30/10 16:09	06/10/10 10:04	7440-23-5	
Thallium	**3.1**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 12:53	7440-28-0	
Vanadium	**29.8**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:04	7440-62-2	
Zinc	**83.6**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:04	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	06/02/10 14:49	06/03/10 10:32	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	83-32-9	
Acenaphthylene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	208-96-8	
Anthracene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	191-24-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7B **Lab ID: 3028366035** Collected: 05/25/10 13:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	207-08-9	
Benzyl alcohol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	59-50-7	
4-Chloroaniline	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	91-58-7	
2-Chlorophenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	7005-72-3	
Chrysene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	53-70-3	
Dibenzofuran	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	120-83-2	
Diethylphthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	105-67-9	
Dimethylphthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	117-81-7	
Fluoranthene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	206-44-0	
Fluorene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	77-47-4	
Hexachloroethane	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	193-39-5	
Isophorone	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	78-59-1	
2-Methylnaphthalene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	846	1	06/01/10 12:34	06/03/10 00:27		
Naphthalene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	91-20-3	
2-Nitroaniline	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	88-74-4	
3-Nitroaniline	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	99-09-2	
4-Nitroaniline	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7B **Lab ID: 3028366035** Collected: 05/25/10 13:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	98-95-3	
2-Nitrophenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	88-75-5	
4-Nitrophenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	86-30-6	
Pentachlorophenol	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	87-86-5	
Phenanthrene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	85-01-8	
Phenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	108-95-2	
Pyrene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1060	1	06/01/10 12:34	06/03/10 00:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	423	1	06/01/10 12:34	06/03/10 00:27	88-06-2	
Nitrobenzene-d5 (S)	68	%	35-114	1	06/01/10 12:34	06/03/10 00:27	4165-60-0	
2-Fluorobiphenyl (S)	86	%	43-116	1	06/01/10 12:34	06/03/10 00:27	321-60-8	
Terphenyl-d14 (S)	105	%	33-141	1	06/01/10 12:34	06/03/10 00:27	1718-51-0	
Phenol-d6 (S)	45	%	10-110	1	06/01/10 12:34	06/03/10 00:27	13127-88-3	
2-Fluorophenol (S)	59	%	21-110	1	06/01/10 12:34	06/03/10 00:27	367-12-4	
2,4,6-Tribromophenol (S)	69	%	10-123	1	06/01/10 12:34	06/03/10 00:27	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	689	50		06/08/10 14:04	67-64-1	
Benzene	ND	ug/kg	6.5	1		06/07/10 17:49	71-43-2	
Bromodichloromethane	ND	ug/kg	6.5	1		06/07/10 17:49	75-27-4	
Bromoform	ND	ug/kg	6.5	1		06/07/10 17:49	75-25-2	
Bromomethane	ND	ug/kg	6.5	1		06/07/10 17:49	74-83-9	
TOTAL BTEX	ND	ug/kg	39.3	1		06/07/10 17:49		
2-Butanone (MEK)	**56.2**	ug/kg	13.1	1		06/07/10 17:49	78-93-3	
n-Butylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	135-98-8	
Carbon disulfide	ND	ug/kg	6.5	1		06/07/10 17:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.5	1		06/07/10 17:49	56-23-5	
Chlorobenzene	ND	ug/kg	6.5	1		06/07/10 17:49	108-90-7	
Chloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	75-00-3	
Chloroform	ND	ug/kg	6.5	1		06/07/10 17:49	67-66-3	
Chloromethane	ND	ug/kg	6.5	1		06/07/10 17:49	74-87-3	
Dibromochloromethane	ND	ug/kg	6.5	1		06/07/10 17:49	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.5	1		06/07/10 17:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.5	1		06/07/10 17:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.5	1		06/07/10 17:49	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.1	1		06/07/10 17:49	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.5	1		06/07/10 17:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.5	1		06/07/10 17:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.5	1		06/07/10 17:49	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7B **Lab ID: 3028366035** Collected: 05/25/10 13:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	6.5	1		06/07/10 17:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.5	1		06/07/10 17:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.5	1		06/07/10 17:49	10061-02-6	
Ethylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	100-41-4	
2-Hexanone	ND	ug/kg	13.1	1		06/07/10 17:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	1		06/07/10 17:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.5	1		06/07/10 17:49	99-87-6	
Methylene Chloride	ND	ug/kg	6.5	1		06/07/10 17:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.1	1		06/07/10 17:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.5	1		06/07/10 17:49	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1		06/07/10 17:49	91-20-3	
n-Propylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	103-65-1	
Styrene	ND	ug/kg	6.5	1		06/07/10 17:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	79-34-5	
Tetrachloroethene	ND	ug/kg	6.5	1		06/07/10 17:49	127-18-4	
Toluene	ND	ug/kg	6.5	1		06/07/10 17:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.5	1		06/07/10 17:49	79-00-5	
Trichloroethene	ND	ug/kg	6.5	1		06/07/10 17:49	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.5	1		06/07/10 17:49	108-67-8	
Vinyl chloride	ND	ug/kg	6.5	1		06/07/10 17:49	75-01-4	
Xylene (Total)	ND	ug/kg	19.6	1		06/07/10 17:49	1330-20-7	
m&p-Xylene	ND	ug/kg	13.1	1		06/07/10 17:49	179601-23-1	
o-Xylene	ND	ug/kg	6.5	1		06/07/10 17:49	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/07/10 17:49	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/07/10 17:49	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/07/10 17:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**21.4**	%	0.10	1		06/01/10 12:49		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.3**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**20.9**	mg/kg	5.9	1		06/08/10 16:02	7664-41-7	

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CABOT-EPA 004479

DIM0223739 DIM0223872

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P7B ASTM **Lab ID: 3028366036** Collected: 05/25/10 13:50 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:12	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6A **Lab ID: 3028366037** Collected: 05/25/10 14:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/08/10 11:19	06/09/10 11:12		
o-Terphenyl (S)	85	%	50-150	1	06/08/10 11:19	06/09/10 11:12	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.1	1	06/07/10 16:38	06/08/10 03:00		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/07/10 16:38	06/08/10 03:00	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	8.9	1	05/30/10 16:09	06/10/10 10:07	7429-90-5	
Antimony	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 12:58	7440-36-0	
Arsenic	**35.9**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:07	7440-38-2	
Barium	**127**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:07	7440-39-3	
Beryllium	**0.85**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:07	7440-41-7	
Boron	**9.9**	mg/kg	4.5	1	05/30/10 16:09	06/10/10 10:07	7440-42-8	
Cadmium	**1.2**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:07	7440-43-9	
Calcium	**1170**	mg/kg	179	1	05/30/10 16:09	06/10/10 10:07	7440-70-2	
Chromium	**14.5**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:07	7440-47-3	
Cobalt	**14.5**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 10:07	7440-48-4	
Copper	**28.6**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 10:07	7440-50-8	
Iron	**30100**	mg/kg	8.9	1	05/30/10 16:09	06/10/10 10:07	7439-89-6	
Lead	**69.1**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:07	7439-92-1	
Magnesium	**4540**	mg/kg	44.7	1	05/30/10 16:09	06/10/10 10:07	7439-95-4	
Manganese	**1490**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 10:07	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:07	7439-98-7	
Nickel	**24.0**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:07	7440-02-0	
Potassium	**1670**	mg/kg	44.7	1	05/30/10 16:09	06/10/10 10:07	7440-09-7	
Selenium	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:07	7782-49-2	
Silver	**0.31**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 12:58	7440-22-4	
Sodium	ND	mg/kg	447	1	05/30/10 16:09	06/10/10 10:07	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 12:58	7440-28-0	
Vanadium	**16.2**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 10:07	7440-62-2	
Zinc	**122**	mg/kg	0.89	1	05/30/10 16:09	06/10/10 10:07	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 14:49	06/03/10 10:33	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	83-32-9	
Acenaphthylene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	208-96-8	
Anthracene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	56-55-3	
Benzo(a)pyrene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	191-24-2	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6A **Lab ID: 3028366037** Collected: 05/25/10 14:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	207-08-9	
Benzyl alcohol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	59-50-7	
4-Chloroaniline	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	108-60-1	
2-Chloronaphthalene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	91-58-7	
2-Chlorophenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	7005-72-3	
Chrysene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	53-70-3	
Dibenzofuran	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	120-83-2	
Diethylphthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	105-67-9	
Dimethylphthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	117-81-7	
Fluoranthene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	206-44-0	
Fluorene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	87-68-3	
Hexachlorobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	77-47-4	
Hexachloroethane	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	193-39-5	
Isophorone	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	78-59-1	
2-Methylnaphthalene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	733	1	06/01/10 12:34	06/03/10 11:17		
Naphthalene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	91-20-3	
2-Nitroaniline	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	88-74-4	
3-Nitroaniline	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	99-09-2	
4-Nitroaniline	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]-4-P6A **Lab ID: 3028366037** Collected: 05/25/10 14:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	98-95-3	
2-Nitrophenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	88-75-5	
4-Nitrophenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	86-30-6	
Pentachlorophenol	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	87-86-5	
Phenanthrene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	85-01-8	
Phenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	108-95-2	
Pyrene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	917	1	06/01/10 12:34	06/03/10 11:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	367	1	06/01/10 12:34	06/03/10 11:17	88-06-2	
Nitrobenzene-d5 (S)	93	%	35-114	1	06/01/10 12:34	06/03/10 11:17	4165-60-0	
2-Fluorobiphenyl (S)	91	%	43-116	1	06/01/10 12:34	06/03/10 11:17	321-60-8	
Terphenyl-d14 (S)	112	%	33-141	1	06/01/10 12:34	06/03/10 11:17	1718-51-0	
Phenol-d6 (S)	76	%	10-110	1	06/01/10 12:34	06/03/10 11:17	13127-88-3	
2-Fluorophenol (S)	82	%	21-110	1	06/01/10 12:34	06/03/10 11:17	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-123	1	06/01/10 12:34	06/03/10 11:17	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**280**	ug/kg	10.4	1		06/07/10 18:13	67-64-1	
Benzene	ND	ug/kg	5.2	1		06/07/10 18:13	71-43-2	
Bromodichloromethane	ND	ug/kg	5.2	1		06/07/10 18:13	75-27-4	
Bromoform	ND	ug/kg	5.2	1		06/07/10 18:13	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		06/07/10 18:13	74-83-9	
TOTAL BTEX	ND	ug/kg	31.2	1		06/07/10 18:13		
2-Butanone (MEK)	**31.8**	ug/kg	10.4	1		06/07/10 18:13	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	135-98-8	
Carbon disulfide	ND	ug/kg	5.2	1		06/07/10 18:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		06/07/10 18:13	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		06/07/10 18:13	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	75-00-3	
Chloroform	ND	ug/kg	5.2	1		06/07/10 18:13	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		06/07/10 18:13	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	1		06/07/10 18:13	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		06/07/10 18:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		06/07/10 18:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		06/07/10 18:13	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.4	1		06/07/10 18:13	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.2	1		06/07/10 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/07/10 18:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/07/10 18:13	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6A **Lab ID: 3028366037** Collected: 05/25/10 14:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.2	1		06/07/10 18:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/07/10 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/07/10 18:13	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	100-41-4	
2-Hexanone	ND	ug/kg	10.4	1		06/07/10 18:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		06/07/10 18:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		06/07/10 18:13	99-87-6	
Methylene Chloride	ND	ug/kg	5.2	1		06/07/10 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.4	1		06/07/10 18:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		06/07/10 18:13	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		06/07/10 18:13	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	103-65-1	
Styrene	ND	ug/kg	5.2	1		06/07/10 18:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		06/07/10 18:13	127-18-4	
Toluene	ND	ug/kg	5.2	1		06/07/10 18:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		06/07/10 18:13	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		06/07/10 18:13	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		06/07/10 18:13	108-67-8	
Vinyl chloride	ND	ug/kg	5.2	1		06/07/10 18:13	75-01-4	
Xylene (Total)	ND	ug/kg	15.6	1		06/07/10 18:13	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		06/07/10 18:13	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		06/07/10 18:13	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/07/10 18:13	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/07/10 18:13	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/07/10 18:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.2**	%	0.10	1		06/01/10 12:49		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.0**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**160**	mg/kg	5.4	1		06/08/10 16:03	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6A ASTM **Lab ID: 3028366038** Collected: 05/25/10 14:00 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:14	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6B **Lab ID: 3028366039** Collected: 05/25/10 14:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	8.5	1	06/08/10 14:31	06/09/10 19:42		
o-Terphenyl (S)	84	%	50-150	1	06/08/10 14:31	06/09/10 19:42	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	14.1	1	06/07/10 16:38	06/08/10 03:16		
4-Bromofluorobenzene (S)	103	%	70-130	1	06/07/10 16:38	06/08/10 03:16	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13900**	mg/kg	9.8	1	05/30/10 16:09	06/10/10 10:10	7429-90-5	
Antimony	ND	mg/kg	0.49	1	05/30/10 16:09	06/10/10 13:03	7440-36-0	
Arsenic	**8.2**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:10	7440-38-2	
Barium	**111**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:10	7440-39-3	
Beryllium	**0.41**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:10	7440-41-7	
Boron	**8.2**	mg/kg	4.9	1	05/30/10 16:09	06/10/10 10:10	7440-42-8	
Cadmium	**0.46**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:10	7440-43-9	
Calcium	**644**	mg/kg	195	1	05/30/10 16:09	06/10/10 10:10	7440-70-2	
Chromium	**13.6**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:10	7440-47-3	
Cobalt	**6.3**	mg/kg	0.98	1	05/30/10 16:09	06/10/10 10:10	7440-48-4	
Copper	**7.2**	mg/kg	0.98	1	05/30/10 16:09	06/10/10 10:10	7440-50-8	
Iron	**23900**	mg/kg	9.8	1	05/30/10 16:09	06/10/10 10:10	7439-89-6	
Lead	**20.1**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:10	7439-92-1	
Magnesium	**2220**	mg/kg	48.8	1	05/30/10 16:09	06/10/10 10:10	7439-95-4	
Manganese	**704**	mg/kg	0.98	1	05/30/10 16:09	06/10/10 10:10	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:10	7439-98-7	
Nickel	**10.5**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:10	7440-02-0	
Potassium	**995**	mg/kg	48.8	1	05/30/10 16:09	06/10/10 10:10	7440-09-7	
Selenium	**0.73**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:10	7782-49-2	
Silver	**0.42**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 13:03	7440-22-4	
Sodium	ND	mg/kg	488	1	05/30/10 16:09	06/10/10 10:10	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 13:03	7440-28-0	
Vanadium	**22.1**	mg/kg	0.98	1	05/30/10 16:09	06/10/10 10:10	7440-62-2	
Zinc	**59.2**	mg/kg	0.98	1	05/30/10 16:09	06/10/10 10:10	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	06/02/10 14:52	06/03/10 10:38	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	83-32-9	
Acenaphthylene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	208-96-8	
Anthracene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	191-24-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6B **Lab ID: 3028366039** Collected: 05/25/10 14:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	207-08-9	
Benzyl alcohol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	101-55-3	
Butylbenzylphthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	59-50-7	
4-Chloroaniline	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	108-60-1	
2-Chloronaphthalene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	91-58-7	
2-Chlorophenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	7005-72-3	
Chrysene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	53-70-3	
Dibenzofuran	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	120-83-2	
Diethylphthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	105-67-9	
Dimethylphthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	131-11-3	
Di-n-butylphthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	606-20-2	
Di-n-octylphthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	117-81-7	
Fluoranthene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	206-44-0	
Fluorene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	77-47-4	
Hexachloroethane	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	193-39-5	
Isophorone	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	78-59-1	
2-Methylnaphthalene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	849	1	06/02/10 15:32	06/03/10 12:24		
Naphthalene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	91-20-3	
2-Nitroaniline	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	88-74-4	
3-Nitroaniline	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	99-09-2	
4-Nitroaniline	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	100-01-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6B **Lab ID: 3028366039** Collected: 05/25/10 14:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Nitrobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	98-95-3	
2-Nitrophenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	88-75-5	
4-Nitrophenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	86-30-6	
Pentachlorophenol	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	87-86-5	
Phenanthrene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	85-01-8	
Phenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	108-95-2	
Pyrene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1060	1	06/02/10 15:32	06/03/10 12:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	424	1	06/02/10 15:32	06/03/10 12:24	88-06-2	
Nitrobenzene-d5 (S)	90	%	35-114	1	06/02/10 15:32	06/03/10 12:24	4165-60-0	
2-Fluorobiphenyl (S)	89	%	43-116	1	06/02/10 15:32	06/03/10 12:24	321-60-8	
Terphenyl-d14 (S)	100	%	33-141	1	06/02/10 15:32	06/03/10 12:24	1718-51-0	
Phenol-d6 (S)	81	%	10-110	1	06/02/10 15:32	06/03/10 12:24	13127-88-3	
2-Fluorophenol (S)	78	%	21-110	1	06/02/10 15:32	06/03/10 12:24	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-123	1	06/02/10 15:32	06/03/10 12:24	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**322**	ug/kg	13.2	1		06/04/10 00:49	67-64-1	
Benzene	ND	ug/kg	6.6	1		06/04/10 00:49	71-43-2	
Bromodichloromethane	ND	ug/kg	6.6	1		06/04/10 00:49	75-27-4	
Bromoform	ND	ug/kg	6.6	1		06/04/10 00:49	75-25-2	
Bromomethane	ND	ug/kg	6.6	1		06/04/10 00:49	74-83-9	
TOTAL BTEX	ND	ug/kg	39.6	1		06/04/10 00:49		
2-Butanone (MEK)	**13.3**	ug/kg	13.2	1		06/04/10 00:49	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	135-98-8	
Carbon disulfide	ND	ug/kg	6.6	1		06/04/10 00:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.6	1		06/04/10 00:49	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1		06/04/10 00:49	108-90-7	
Chloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	75-00-3	
Chloroform	ND	ug/kg	6.6	1		06/04/10 00:49	67-66-3	
Chloromethane	ND	ug/kg	6.6	1		06/04/10 00:49	74-87-3	
Dibromochloromethane	ND	ug/kg	6.6	1		06/04/10 00:49	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.6	1		06/04/10 00:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	1		06/04/10 00:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1		06/04/10 00:49	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.2	1		06/04/10 00:49	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.6	1		06/04/10 00:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1		06/04/10 00:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	1		06/04/10 00:49	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6B **Lab ID: 3028366039** Collected: 05/25/10 14:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	6.6	1		06/04/10 00:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1		06/04/10 00:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	1		06/04/10 00:49	10061-02-6	
Ethylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	100-41-4	
2-Hexanone	ND	ug/kg	13.2	1		06/04/10 00:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	1		06/04/10 00:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	1		06/04/10 00:49	99-87-6	
Methylene Chloride	ND	ug/kg	6.6	1		06/04/10 00:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.2	1		06/04/10 00:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	1		06/04/10 00:49	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1		06/04/10 00:49	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	103-65-1	
Styrene	ND	ug/kg	6.6	1		06/04/10 00:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	1		06/04/10 00:49	127-18-4	
Toluene	ND	ug/kg	6.6	1		06/04/10 00:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	1		06/04/10 00:49	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1		06/04/10 00:49	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	1		06/04/10 00:49	108-67-8	
Vinyl chloride	ND	ug/kg	6.6	1		06/04/10 00:49	75-01-4	
Xylene (Total)	ND	ug/kg	19.8	1		06/04/10 00:49	1330-20-7	
m&p-Xylene	ND	ug/kg	13.2	1		06/04/10 00:49	179601-23-1	
o-Xylene	ND	ug/kg	6.6	1		06/04/10 00:49	95-47-6	
Toluene-d8 (S)	100	%	70-130	1		06/04/10 00:49	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/04/10 00:49	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%	70-130	1		06/04/10 00:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**22.4**	%	0.10	1		06/09/10 14:49		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.5**	Std. Units	1.0	1		05/28/10 22:05		H1
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**10.8**	mg/kg	6.1	1		06/08/10 16:04	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P6B ASTM **Lab ID: 3028366040** Collected: 05/25/10 14:05 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:15	16887-00-6	

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CABOT-EPA 004490

DIM0223739 DIM0223883

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: TRIP BLANK **Lab ID: 3028366046** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/28/10 19:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/28/10 19:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/28/10 19:05	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		05/28/10 19:05	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/28/10 19:05	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		05/28/10 19:05	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/28/10 19:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/28/10 19:05	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/28/10 19:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/28/10 19:05	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/28/10 19:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/28/10 19:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/28/10 19:05	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		05/28/10 19:05	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		05/28/10 19:05	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		05/28/10 19:05	108-10-1	
Acetone	ND	ug/L	10.0	1		05/28/10 19:05	67-64-1	
Benzene	ND	ug/L	1.0	1		05/28/10 19:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		05/28/10 19:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		05/28/10 19:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		05/28/10 19:05	75-25-2	
Bromomethane	ND	ug/L	1.0	1		05/28/10 19:05	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		05/28/10 19:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		05/28/10 19:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/28/10 19:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/28/10 19:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/28/10 19:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/28/10 19:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/28/10 19:05	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		05/28/10 19:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		05/28/10 19:05	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		05/28/10 19:05	75-09-2	
Naphthalene	ND	ug/L	2.0	1		05/28/10 19:05	91-20-3	
Styrene	ND	ug/L	1.0	1		05/28/10 19:05	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		05/28/10 19:05	127-18-4	
Toluene	ND	ug/L	1.0	1		05/28/10 19:05	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		05/28/10 19:05	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/28/10 19:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		05/28/10 19:05	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/28/10 19:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/28/10 19:05	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		05/28/10 19:05	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	103-65-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: TRIP BLANK **Lab ID: 3028366046** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		05/28/10 19:05	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		05/28/10 19:05	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		05/28/10 19:05	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/28/10 19:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/28/10 19:05	10061-02-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		05/28/10 19:05	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		05/28/10 19:05	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		05/28/10 19:05	2037-26-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P4B ASTM **Lab ID: 3028366047** Collected: 05/25/10 14:40 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.8**	mg/L	3.0	1		06/01/10 15:28	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028366

Sample: [redacted]4-P5B ASTM **Lab ID: 3028366048** Collected: 05/25/10 14:20 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 11:18		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/01/10 15:28	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: OEXT/5128 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

METHOD BLANK: 179538 Matrix: Solid
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	6.7	06/09/10 00:26	
o-Terphenyl (S)	%	70	50-150	06/09/10 00:26	

LABORATORY CONTROL SAMPLE: 179539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	52.4	79	50-150	
o-Terphenyl (S)	%			102	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179540 179541

Parameter	Units	3028366009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	72.3	72.7	62.5	64.4	85	87	50-150	3	
o-Terphenyl (S)	%						104	109	50-150		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: OEXT/5129
QC Batch Method: EPA 3546
Associated Lab Samples: 3028366039

Analysis Method: EPA 8015B Modified
Analysis Description: 8015 Solid GCSV

METHOD BLANK: 179555
Matrix: Solid
Associated Lab Samples: 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	6.7	06/09/10 18:30	
o-Terphenyl (S)	%	74	50-150	06/09/10 18:30	

LABORATORY CONTROL SAMPLE: 179556

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	56.4	85	50-150	
o-Terphenyl (S)	%			104	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179557 179558

Parameter	Units	3028366039 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	84.3	84.8	78.1	73.8	86	80	50-150	6	
o-Terphenyl (S)	%						100	100	50-150		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: GCV/1353 — Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 5035A/5030B — Analysis Description: Gasoline Range Organics
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015

METHOD BLANK: 177961 — Matrix: Solid
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	ND	10.0	06/04/10 00:53	
4-Bromofluorobenzene (S)	%	99	70-130	06/04/10 00:53	

LABORATORY CONTROL SAMPLE: 177962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C10)	mg/kg	25	29.3	117	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177963 177964

Parameter	Units	3028311001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH (C06-C10)	mg/kg	ND	65	65	62.4	65.8	96	101	70-130	5	
4-Bromofluorobenzene (S)	%						98	95	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: GCV/1356 | Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 5035A/5030B | Analysis Description: Gasoline Range Organics
Associated Lab Samples: 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037, 3028366039

METHOD BLANK: 179378 | Matrix: Solid
Associated Lab Samples: 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037, 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	ND	10.0	06/07/10 23:05	
4-Bromofluorobenzene (S)	%	99	70-130	06/07/10 23:05	

LABORATORY CONTROL SAMPLE: 179379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C10)	mg/kg	25	28.2	113	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179380 179381

Parameter	Units	3028366017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH (C06-C10)	mg/kg	ND	24.3	24.3	30.6	29.5	126	121	70-130	3	
4-Bromofluorobenzene (S)	%						97	100	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MPRP/3950 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023

METHOD BLANK: 176680 Matrix: Solid
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/10/10 05:42	
Antimony	mg/kg	ND	0.50	06/10/10 07:17	
Arsenic	mg/kg	ND	0.50	06/10/10 07:17	
Barium	mg/kg	ND	2.0	06/10/10 05:42	
Beryllium	mg/kg	ND	0.20	06/10/10 05:42	
Boron	mg/kg	ND	5.0	06/10/10 05:42	
Cadmium	mg/kg	ND	0.20	06/10/10 05:42	
Calcium	mg/kg	ND	200	06/10/10 05:42	
Chromium	mg/kg	ND	0.50	06/10/10 05:42	
Cobalt	mg/kg	ND	1.0	06/10/10 05:42	
Copper	mg/kg	ND	1.0	06/10/10 05:42	
Iron	mg/kg	ND	10.0	06/10/10 05:42	
Lead	mg/kg	ND	0.50	06/10/10 07:17	
Magnesium	mg/kg	ND	50.0	06/10/10 05:42	
Manganese	mg/kg	ND	1.0	06/10/10 05:42	
Molybdenum	mg/kg	ND	2.0	06/10/10 05:42	
Nickel	mg/kg	ND	2.0	06/10/10 05:42	
Potassium	mg/kg	ND	50.0	06/10/10 05:42	
Selenium	mg/kg	ND	0.50	06/10/10 05:42	
Silver	mg/kg	ND	0.20	06/10/10 07:17	
Sodium	mg/kg	ND	500	06/10/10 05:42	
Thallium	mg/kg	ND	2.0	06/10/10 07:17	
Vanadium	mg/kg	ND	1.0	06/10/10 05:42	
Zinc	mg/kg	ND	1.0	06/10/10 05:42	

LABORATORY CONTROL SAMPLE: 176681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	465	93	80-120	
Antimony	mg/kg	50	45.1	90	80-120	
Arsenic	mg/kg	50	45.2	90	80-120	
Barium	mg/kg	50	48.6	97	80-120	
Beryllium	mg/kg	50	49.0	98	80-120	
Boron	mg/kg	50	44.5	89	80-120	
Cadmium	mg/kg	50	49.3	99	80-120	
Calcium	mg/kg	500	491	98	80-120	
Chromium	mg/kg	50	49.8	100	80-120	
Cobalt	mg/kg	50	48.5	97	80-120	
Copper	mg/kg	50	49.4	99	80-120	
Iron	mg/kg	500	496	99	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 176681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	46.2	92	80-120	
Magnesium	mg/kg	500	481	96	80-120	
Manganese	mg/kg	50	49.6	99	80-120	
Molybdenum	mg/kg	50	50.0	100	80-120	
Nickel	mg/kg	50	48.8	98	80-120	
Potassium	mg/kg	500	436	87	80-120	
Selenium	mg/kg	50	41.6	83	80-120	
Silver	mg/kg	25	23.3	93	80-120	
Sodium	mg/kg	500	486J	97	80-120	
Thallium	mg/kg	50	45.0	90	80-120	
Vanadium	mg/kg	50	48.7	97	80-120	
Zinc	mg/kg	50	48.2	96	80-120	

MATRIX SPIKE SAMPLE: 176683

Parameter	Units	3028346021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	12900	347	15100	620	80-120	M0
Antimony	mg/kg	ND	34.7	10.6	30	80-120	M0
Arsenic	mg/kg	1.7	34.7	28.7	78	80-120	M0
Barium	mg/kg	76.9	34.7	106	84	80-120	
Beryllium	mg/kg	0.85	34.7	33.3	94	80-120	
Boron	mg/kg	10.8	34.7	38.9	81	80-120	
Cadmium	mg/kg	0.34	34.7	31.8	91	80-120	
Calcium	mg/kg	731	347	898	48	80-120	M0
Chromium	mg/kg	19.8	34.7	54.0	99	80-120	
Cobalt	mg/kg	12.2	34.7	43.5	90	80-120	
Copper	mg/kg	2.7	34.7	36.0	96	80-120	
Iron	mg/kg	36000	347	38400	687	80-120	M0
Lead	mg/kg	2.8	34.7	34.5	91	80-120	
Magnesium	mg/kg	4900	347	5050	44	80-120	M0
Manganese	mg/kg	232	34.7	246	39	80-120	M0
Molybdenum	mg/kg	ND	34.7	31.2	90	80-120	
Nickel	mg/kg	34.2	34.7	64.7	88	80-120	
Potassium	mg/kg	2100	347	2720	180	80-120	M0
Selenium	mg/kg	ND	34.7	22.5	65	80-120	M0
Silver	mg/kg	0.44	17.3	15.9	89	80-120	
Sodium	mg/kg	ND	347	506	94	80-120	
Thallium	mg/kg	ND	34.7	28.6	83	80-120	
Vanadium	mg/kg	18.6	34.7	53.4	101	80-120	
Zinc	mg/kg	58.9	34.7	93.3	99	80-120	

SAMPLE DUPLICATE: 176682

Parameter	Units	3028346021 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	12900	14300	10	

Date: 06/10/2010 05:18 PM

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

SAMPLE DUPLICATE: 176682

Parameter	Units	3028346021 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	ND	ND		
Arsenic	mg/kg	1.7	2.4	33	D6
Barium	mg/kg	76.9	72.8	5	
Beryllium	mg/kg	0.85	0.87	3	
Boron	mg/kg	10.8	11.2	4	
Cadmium	mg/kg	0.34	0.38	11	
Calcium	mg/kg	731	596	20	
Chromium	mg/kg	19.8	20.8	5	
Cobalt	mg/kg	12.2	11.6	6	
Copper	mg/kg	2.7	3.2	17	
Iron	mg/kg	36000	38300	6	
Lead	mg/kg	2.8	3.0	7	
Magnesium	mg/kg	4900	4600	6	
Manganese	mg/kg	232	214	8	
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	34.2	32.6	5	
Potassium	mg/kg	2100	2090	.2	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	0.44	0.43	1	
Sodium	mg/kg	ND	169J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	18.6	20.5	10	
Zinc	mg/kg	58.9	63.9	8	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MERP/1967 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury

Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

METHOD BLANK: 177422 | Matrix: Solid

Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/03/10 09:49	

LABORATORY CONTROL SAMPLE: 177423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.045J	108	85-115	

MATRIX SPIKE SAMPLE: 177425

Parameter	Units	3028366001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.14	96	75-125	

SAMPLE DUPLICATE: 177424

Parameter	Units	3028366001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.031J		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MERP/1968 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Associated Lab Samples: 3028366039

METHOD BLANK: 177429 | Matrix: Solid
Associated Lab Samples: 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/03/10 10:35	

LABORATORY CONTROL SAMPLE: 177430

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.046J	110	85-115	

MATRIX SPIKE SAMPLE: 177432

Parameter	Units	3028366039 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.13	0.19	111	75-125	

SAMPLE DUPLICATE: 177431

Parameter	Units	3028366039 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.047J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: OEXT/5039 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave

Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

METHOD BLANK: 176704 | Matrix: Solid

Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/02/10 16:05	
1,2-Dichlorobenzene	ug/kg	ND	333	06/02/10 16:05	
1,3-Dichlorobenzene	ug/kg	ND	333	06/02/10 16:05	
1,4-Dichlorobenzene	ug/kg	ND	333	06/02/10 16:05	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/02/10 16:05	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/02/10 16:05	
2,4-Dichlorophenol	ug/kg	ND	333	06/02/10 16:05	
2,4-Dimethylphenol	ug/kg	ND	333	06/02/10 16:05	
2,4-Dinitrophenol	ug/kg	ND	833	06/02/10 16:05	
2,4-Dinitrotoluene	ug/kg	ND	333	06/02/10 16:05	
2,6-Dinitrotoluene	ug/kg	ND	333	06/02/10 16:05	
2-Chloronaphthalene	ug/kg	ND	333	06/02/10 16:05	
2-Chlorophenol	ug/kg	ND	333	06/02/10 16:05	
2-Methylnaphthalene	ug/kg	ND	333	06/02/10 16:05	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/02/10 16:05	
2-Nitroaniline	ug/kg	ND	833	06/02/10 16:05	
2-Nitrophenol	ug/kg	ND	333	06/02/10 16:05	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/02/10 16:05	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/02/10 16:05	
3-Nitroaniline	ug/kg	ND	833	06/02/10 16:05	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/02/10 16:05	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/02/10 16:05	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/02/10 16:05	
4-Chloroaniline	ug/kg	ND	333	06/02/10 16:05	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/02/10 16:05	
4-Nitroaniline	ug/kg	ND	833	06/02/10 16:05	
4-Nitrophenol	ug/kg	ND	333	06/02/10 16:05	
Acenaphthene	ug/kg	ND	333	06/02/10 16:05	
Acenaphthylene	ug/kg	ND	333	06/02/10 16:05	
Anthracene	ug/kg	ND	333	06/02/10 16:05	
Benzo(a)anthracene	ug/kg	ND	333	06/02/10 16:05	
Benzo(a)pyrene	ug/kg	ND	333	06/02/10 16:05	
Benzo(b)fluoranthene	ug/kg	ND	333	06/02/10 16:05	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/02/10 16:05	
Benzo(k)fluoranthene	ug/kg	ND	333	06/02/10 16:05	
Benzyl alcohol	ug/kg	ND	333	06/02/10 16:05	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/02/10 16:05	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/02/10 16:05	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/02/10 16:05	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 176704 Matrix: Solid

Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/02/10 16:05	
Butylbenzylphthalate	ug/kg	ND	333	06/02/10 16:05	
Chrysene	ug/kg	ND	333	06/02/10 16:05	
Di-n-butylphthalate	ug/kg	ND	333	06/02/10 16:05	
Di-n-octylphthalate	ug/kg	ND	333	06/02/10 16:05	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/02/10 16:05	
Dibenzofuran	ug/kg	ND	333	06/02/10 16:05	
Diethylphthalate	ug/kg	ND	333	06/02/10 16:05	
Dimethylphthalate	ug/kg	ND	333	06/02/10 16:05	
Fluoranthene	ug/kg	ND	333	06/02/10 16:05	
Fluorene	ug/kg	ND	333	06/02/10 16:05	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/02/10 16:05	
Hexachlorobenzene	ug/kg	ND	333	06/02/10 16:05	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/02/10 16:05	
Hexachloroethane	ug/kg	ND	333	06/02/10 16:05	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/02/10 16:05	
Isophorone	ug/kg	ND	333	06/02/10 16:05	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/02/10 16:05	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/02/10 16:05	
Naphthalene	ug/kg	ND	333	06/02/10 16:05	
Nitrobenzene	ug/kg	ND	333	06/02/10 16:05	
Pentachlorophenol	ug/kg	ND	833	06/02/10 16:05	
Phenanthrene	ug/kg	ND	333	06/02/10 16:05	
Phenol	ug/kg	ND	333	06/02/10 16:05	
Pyrene	ug/kg	ND	333	06/02/10 16:05	
2,4,6-Tribromophenol (S)	%	76	10-123	06/02/10 16:05	
2-Fluorobiphenyl (S)	%	88	43-116	06/02/10 16:05	
2-Fluorophenol (S)	%	85	21-110	06/02/10 16:05	
Nitrobenzene-d5 (S)	%	86	35-114	06/02/10 16:05	
Phenol-d6 (S)	%	81	10-110	06/02/10 16:05	
Terphenyl-d14 (S)	%	119	33-141	06/02/10 16:05	

LABORATORY CONTROL SAMPLE: 176705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2530	76	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2440	73	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 176705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3330	2410	72	34-115	
2,6-Dinitrotoluene	ug/kg		ND			
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2620	79	40-140	
2-Methylnaphthalene	ug/kg	3330	2280	68	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	2510	75	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	2540	76	27-125	
Acenaphthene	ug/kg	3330	2600	78	48-114	
Acenaphthylene	ug/kg	3330	2660	80	40-140	
Anthracene	ug/kg	3330	3150	95	40-140	
Benzo(a)anthracene	ug/kg	3330	3180	95	40-140	
Benzo(a)pyrene	ug/kg	3330	3200	96	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3140	94	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2810	84	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3670	110	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3200	96	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2590	78	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2930	88	40-140	
Fluorene	ug/kg	3330	2620	79	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2720	82	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	2850	86	43-126	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 176705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2500	75	40-140	
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1950	59	14-127	
Phenanthrene	ug/kg	3330	2990	90	40-140	
Phenol	ug/kg	3330	2610	78	39-120	
Pyrene	ug/kg	3330	3410	102	43-135	
2,4,6-Tribromophenol (S)	%			77	10-123	
2-Fluorobiphenyl (S)	%			77	43-116	
2-Fluorophenol (S)	%			77	21-110	
Nitrobenzene-d5 (S)	%			76	35-114	
Phenol-d6 (S)	%			79	10-110	
Terphenyl-d14 (S)	%			118	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176706 176707

Parameter	Units	3028366009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3620	3560	2880	3380	80	95	43-120	16	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3620	3560	2720	3140	75	88	37-118	14	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3620	3560	2870	3270	79	92	34-115	13	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3620	3560	2990	3460	83	97	40-140	14	
2-Methylnaphthalene	ug/kg	ND	3620	3560	2650	3150	73	88	40-140	17	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3620	3560	2840	3530	78	99	42-130	22	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3620	3560	2720	3040	75	85	27-125	11	
Acenaphthene	ug/kg	ND	3620	3560	3200	3570	88	100	48-114	11	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176706 176707

Parameter	Units	3028366009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthylene	ug/kg	ND	3620	3560	3220	3660	89	103	40-140	13	
Anthracene	ug/kg	ND	3620	3560	3660	3750	101	105	40-140	3	
Benzo(a)anthracene	ug/kg	ND	3620	3560	3290	3450	91	97	40-140	5	
Benzo(a)pyrene	ug/kg	ND	3620	3560	3330	3470	92	97	40-140	4	
Benzo(b)fluoranthene	ug/kg	ND	3620	3560	3580	3630	99	102	40-140	1	
Benzo(g,h,i)perylene	ug/kg	ND	3620	3560	2940	2950	81	83	40-140	.4	
Benzo(k)fluoranthene	ug/kg	ND	3620	3560	3900	4140	108	116	40-140	6	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3620	3560	3360	3500	93	98	40-140	4	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3620	3560	2600	2750	72	77	40-140	6	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3620	3560	3380	3540	93	99	40-140	5	
Fluorene	ug/kg	ND	3620	3560	3230	3540	89	99	40-140	9	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3620	3560	2890	3000	80	84	40-140	4	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3620	3560	3320	3850	92	108	43-126	15	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3620	3560	2860	3310	79	93	40-140	15	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3620	3560	2230	2480	62	69	14-127	10	
Phenanthrene	ug/kg	ND	3620	3560	3470	3570	96	100	40-140	3	
Phenol	ug/kg	ND	3620	3560	2830	3280	78	92	39-120	15	
Pyrene	ug/kg	ND	3620	3560	3570	3680	99	103	43-135	3	
2,4,6-Tribromophenol (S)	%						81	85	10-123		
2-Fluorobiphenyl (S)	%						83	97	43-116		
2-Fluorophenol (S)	%						75	85	21-110		
Nitrobenzene-d5 (S)	%						68	94	35-114		
Phenol-d6 (S)	%						80	93	10-110		
Terphenyl-d14 (S)	%						109	113	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: OEXT/5061 | Analysis Method: EPA 8270
QC Batch Method: EPA 3546 | Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028366039

METHOD BLANK: 177205 | Matrix: Solid
Associated Lab Samples: 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/03/10 11:39	
1,2-Dichlorobenzene	ug/kg	ND	333	06/03/10 11:39	
1,3-Dichlorobenzene	ug/kg	ND	333	06/03/10 11:39	
1,4-Dichlorobenzene	ug/kg	ND	333	06/03/10 11:39	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/03/10 11:39	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/03/10 11:39	
2,4-Dichlorophenol	ug/kg	ND	333	06/03/10 11:39	
2,4-Dimethylphenol	ug/kg	ND	333	06/03/10 11:39	
2,4-Dinitrophenol	ug/kg	ND	833	06/03/10 11:39	
2,4-Dinitrotoluene	ug/kg	ND	333	06/03/10 11:39	
2,6-Dinitrotoluene	ug/kg	ND	333	06/03/10 11:39	
2-Chloronaphthalene	ug/kg	ND	333	06/03/10 11:39	
2-Chlorophenol	ug/kg	ND	333	06/03/10 11:39	
2-Methylnaphthalene	ug/kg	ND	333	06/03/10 11:39	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/03/10 11:39	
2-Nitroaniline	ug/kg	ND	833	06/03/10 11:39	
2-Nitrophenol	ug/kg	ND	333	06/03/10 11:39	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/03/10 11:39	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/03/10 11:39	
3-Nitroaniline	ug/kg	ND	833	06/03/10 11:39	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/03/10 11:39	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/03/10 11:39	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/03/10 11:39	
4-Chloroaniline	ug/kg	ND	333	06/03/10 11:39	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/03/10 11:39	
4-Nitroaniline	ug/kg	ND	833	06/03/10 11:39	
4-Nitrophenol	ug/kg	ND	333	06/03/10 11:39	
Acenaphthene	ug/kg	ND	333	06/03/10 11:39	
Acenaphthylene	ug/kg	ND	333	06/03/10 11:39	
Anthracene	ug/kg	ND	333	06/03/10 11:39	
Benzo(a)anthracene	ug/kg	ND	333	06/03/10 11:39	
Benzo(a)pyrene	ug/kg	ND	333	06/03/10 11:39	
Benzo(b)fluoranthene	ug/kg	ND	333	06/03/10 11:39	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/03/10 11:39	
Benzo(k)fluoranthene	ug/kg	ND	333	06/03/10 11:39	
Benzyl alcohol	ug/kg	ND	333	06/03/10 11:39	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/03/10 11:39	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/03/10 11:39	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/03/10 11:39	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/03/10 11:39	
Butylbenzylphthalate	ug/kg	ND	333	06/03/10 11:39	
Chrysene	ug/kg	ND	333	06/03/10 11:39	
Di-n-butylphthalate	ug/kg	ND	333	06/03/10 11:39	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 177205 Matrix: Solid
Associated Lab Samples: 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Di-n-octylphthalate	ug/kg	ND	333	06/03/10 11:39	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/03/10 11:39	
Dibenzofuran	ug/kg	ND	333	06/03/10 11:39	
Diethylphthalate	ug/kg	ND	333	06/03/10 11:39	
Dimethylphthalate	ug/kg	ND	333	06/03/10 11:39	
Fluoranthene	ug/kg	ND	333	06/03/10 11:39	
Fluorene	ug/kg	ND	333	06/03/10 11:39	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/03/10 11:39	
Hexachlorobenzene	ug/kg	ND	333	06/03/10 11:39	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/03/10 11:39	
Hexachloroethane	ug/kg	ND	333	06/03/10 11:39	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/03/10 11:39	
Isophorone	ug/kg	ND	333	06/03/10 11:39	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/03/10 11:39	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/03/10 11:39	
Naphthalene	ug/kg	ND	333	06/03/10 11:39	
Nitrobenzene	ug/kg	ND	333	06/03/10 11:39	
Pentachlorophenol	ug/kg	ND	833	06/03/10 11:39	
Phenanthrene	ug/kg	ND	333	06/03/10 11:39	
Phenol	ug/kg	ND	333	06/03/10 11:39	
Pyrene	ug/kg	ND	333	06/03/10 11:39	
2,4,6-Tribromophenol (S)	%	61	10-123	06/03/10 11:39	
2-Fluorobiphenyl (S)	%	84	43-116	06/03/10 11:39	
2-Fluorophenol (S)	%	78	21-110	06/03/10 11:39	
Nitrobenzene-d5 (S)	%	88	35-114	06/03/10 11:39	
Phenol-d6 (S)	%	75	10-110	06/03/10 11:39	
Terphenyl-d14 (S)	%	109	33-141	06/03/10 11:39	

LABORATORY CONTROL SAMPLE: 177206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2680	80	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2530	76	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2260	68	34-115	
2,6-Dinitrotoluene	ug/kg		ND			
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2700	81	40-140	
2-Methylnaphthalene	ug/kg	3330	2520	76	40-140	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 177206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	2590	78	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	1970	59	27-125	
Acenaphthene	ug/kg	3330	2860	86	48-114	
Acenaphthylene	ug/kg	3330	2920	87	40-140	
Anthracene	ug/kg	3330	3080	92	40-140	
Benzo(a)anthracene	ug/kg	3330	2840	85	40-140	
Benzo(a)pyrene	ug/kg	3330	3080	92	40-140	
Benzo(b)fluoranthene	ug/kg	3330	2830	85	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2630	79	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3590	108	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	2910	87	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2680	80	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2770	83	40-140	
Fluorene	ug/kg	3330	2760	83	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2850	85	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3260	98	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2660	80	40-140	
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	2030	61	14-127	
Phenanthrene	ug/kg	3330	2890	87	40-140	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 177206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	3330	2680	80	39-120	
Pyrene	ug/kg	3330	3180	96	43-135	
2,4,6-Tribromophenol (S)	%			81	10-123	
2-Fluorobiphenyl (S)	%			84	43-116	
2-Fluorophenol (S)	%			78	21-110	
Nitrobenzene-d5 (S)	%			75	35-114	
Phenol-d6 (S)	%			76	10-110	
Terphenyl-d14 (S)	%			102	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177207 177208

Parameter	Units	3028309002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3540	3600	3040	2970	86	83	43-120	2	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3540	3600	3000	2870	85	80	37-118	4	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3540	3600	2340	2800	66	78	34-115	18	R1
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3540	3600	3110	3040	88	85	40-140	2	
2-Methylnaphthalene	ug/kg	ND	3540	3600	2920	2850	83	79	40-140	3	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3540	3600	2970	3080	84	86	42-130	3	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3540	3600	2540	2890	72	80	27-125	13	
Acenaphthene	ug/kg	ND	3540	3600	3340	3270	94	91	48-114	2	
Acenaphthylene	ug/kg	ND	3540	3600	3420	3290	97	91	40-140	4	
Anthracene	ug/kg	ND	3540	3600	3540	3550	100	99	40-140	.3	
Benzo(a)anthracene	ug/kg	ND	3540	3600	3150	3200	89	89	40-140	1	
Benzo(a)pyrene	ug/kg	ND	3540	3600	3350	3350	95	93	40-140	.2	
Benzo(b)fluoranthene	ug/kg	ND	3540	3600	3060	3210	87	89	40-140	5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177207 177208

Parameter	Units	3028309002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(g,h,i)perylene	ug/kg	ND	3540	3600	2690	2850	76	79	40-140	6	
Benzo(k)fluoranthene	ug/kg	ND	3540	3600	3940	3780	112	105	40-140	4	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3540	3600	3330	3280	94	91	40-140	1	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3540	3600	2570	2530	73	70	40-140	2	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3540	3600	3310	3270	94	91	40-140	1	
Fluorene	ug/kg	ND	3540	3600	3210	3170	91	88	40-140	1	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3540	3600	2770	2850	78	79	40-140	3	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3540	3600	3690	3550	104	99	43-126	4	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3540	3600	3160	3040	89	85	40-140	4	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3540	3600	2440	2280	69	63	14-127	7	
Phenanthrene	ug/kg	ND	3540	3600	3360	3340	95	93	40-140	.7	
Phenol	ug/kg	ND	3540	3600	2950	3000	83	83	39-120	2	
Pyrene	ug/kg	ND	3540	3600	3320	3480	94	97	43-135	5	
2,4,6-Tribromophenol (S)	%						80	73	10-123		
2-Fluorobiphenyl (S)	%						94	85	43-116		
2-Fluorophenol (S)	%						80	76	21-110		
Nitrobenzene-d5 (S)	%						88	86	35-114		
Phenol-d6 (S)	%						87	79	10-110		
Terphenyl-d14 (S)	%						103	104	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MSV/6055 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028366030, 3028366039

METHOD BLANK: 178435 | Matrix: Solid
Associated Lab Samples: 3028366030, 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloropropane	ug/kg	ND	5.0	06/03/10 22:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
2-Butanone (MEK)	ug/kg	ND	10.0	06/03/10 22:34	
2-Hexanone	ug/kg	ND	10.0	06/03/10 22:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/03/10 22:34	
Acetone	ug/kg	ND	10.0	06/03/10 22:34	
Benzene	ug/kg	ND	5.0	06/03/10 22:34	
Bromodichloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Bromoform	ug/kg	ND	5.0	06/03/10 22:34	
Bromomethane	ug/kg	ND	5.0	06/03/10 22:34	
Carbon disulfide	ug/kg	ND	5.0	06/03/10 22:34	
Carbon tetrachloride	ug/kg	ND	5.0	06/03/10 22:34	
Chlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
Chloroethane	ug/kg	ND	5.0	06/03/10 22:34	
Chloroform	ug/kg	ND	5.0	06/03/10 22:34	
Chloromethane	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Dibromochloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Ethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/03/10 22:34	
m&p-Xylene	ug/kg	ND	10.0	06/03/10 22:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/03/10 22:34	
Methylene Chloride	ug/kg	12.8	5.0	06/03/10 22:34	B,C9
n-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
n-Propylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Naphthalene	ug/kg	ND	5.0	06/03/10 22:34	
o-Xylene	ug/kg	ND	5.0	06/03/10 22:34	
p-Isopropyltoluene	ug/kg	ND	5.0	06/03/10 22:34	
sec-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Styrene	ug/kg	ND	5.0	06/03/10 22:34	
Tetrachloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Toluene	ug/kg	ND	5.0	06/03/10 22:34	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 178435 Matrix: Solid

Associated Lab Samples: 3028366030, 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TOTAL BTEX	ug/kg	ND	30.0	06/03/10 22:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Trichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Vinyl chloride	ug/kg	ND	5.0	06/03/10 22:34	
Xylene (Total)	ug/kg	ND	15.0	06/03/10 22:34	
1,2-Dichloroethane-d4 (S)	%	111	70-130	06/03/10 22:34	
4-Bromofluorobenzene (S)	%	96	70-130	06/03/10 22:34	
Toluene-d8 (S)	%	101	70-130	06/03/10 22:34	

LABORATORY CONTROL SAMPLE: 178436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	19.3	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	18.3	91	70-130	
1,1,2-Trichloroethane	ug/kg	20	18.6	93	70-130	
1,1-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,1-Dichloroethene	ug/kg	20	17.7	88	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	17.4	87	70-130	
1,2-Dichlorobenzene	ug/kg	20	17.5	87	70-130	
1,2-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,2-Dichloropropane	ug/kg	20	20.2	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	17.3	87	70-130	
1,3-Dichlorobenzene	ug/kg	20	18.0	90	70-130	
1,4-Dichlorobenzene	ug/kg	20	17.7	88	70-130	
2-Butanone (MEK)	ug/kg	20	24.8	124	70-130	
2-Hexanone	ug/kg	20	23.3	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	23.3	116	70-130	
Acetone	ug/kg	20	22.2	111	70-130	
Benzene	ug/kg	20	19.0	95	70-130	
Bromodichloromethane	ug/kg	20	19.2	96	70-130	
Bromoform	ug/kg	20	16.1	80	70-130	
Bromomethane	ug/kg	20	20.7	104	70-130	
Carbon disulfide	ug/kg	20	23.7	119	70-130	
Carbon tetrachloride	ug/kg	20	19.3	96	70-130	
Chlorobenzene	ug/kg	20	18.4	92	70-130	
Chloroethane	ug/kg	20	19.6	98	70-130	
Chloroform	ug/kg	20	20.5	103	70-130	
Chloromethane	ug/kg	20	22.6	113	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	18.1	90	70-130	
Dibromochloromethane	ug/kg	20	18.5	93	70-130	
Ethylbenzene	ug/kg	20	18.4	92	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	18.4	92	70-130	
m&p-Xylene	ug/kg	40	35.5	89	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 178436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	20	22.5	113	70-130	
Methylene Chloride	ug/kg	20	20.6	103	70-130	
n-Butylbenzene	ug/kg	20	17.4	87	70-130	
n-Propylbenzene	ug/kg	20	18.1	90	70-130	
Naphthalene	ug/kg	20	17.1	85	70-130	
o-Xylene	ug/kg	20	17.5	88	70-130	
p-Isopropyltoluene	ug/kg	20	17.1	85	70-130	
sec-Butylbenzene	ug/kg	20	17.6	88	70-130	
Styrene	ug/kg	20	16.4	82	70-130	
Tetrachloroethene	ug/kg	20	18.4	92	70-130	
Toluene	ug/kg	20	19.4	97	70-130	
TOTAL BTEX	ug/kg		110			
trans-1,2-Dichloroethene	ug/kg	20	19.7	98	70-130	
trans-1,3-Dichloropropene	ug/kg	20	18.0	90	70-130	
Trichloroethene	ug/kg	20	19.1	95	70-130	
Vinyl chloride	ug/kg	20	22.6	113	70-130	
Xylene (Total)	ug/kg	60	53.0	88	70-130	
1,2-Dichloroethane-d4 (S)	%			111	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MSV/6073 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028366001, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021

METHOD BLANK: 179087 Matrix: Solid
Associated Lab Samples: 3028366001, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1-Dichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichloropropane	ug/kg	ND	5.0	06/06/10 12:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
2-Butanone (MEK)	ug/kg	ND	10.0	06/06/10 12:08	
2-Hexanone	ug/kg	ND	10.0	06/06/10 12:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/06/10 12:08	
Acetone	ug/kg	ND	10.0	06/06/10 12:08	
Benzene	ug/kg	ND	5.0	06/06/10 12:08	
Bromodichloromethane	ug/kg	ND	5.0	06/06/10 12:08	
Bromoform	ug/kg	ND	5.0	06/06/10 12:08	
Bromomethane	ug/kg	ND	5.0	06/06/10 12:08	
Carbon disulfide	ug/kg	ND	5.0	06/06/10 12:08	
Carbon tetrachloride	ug/kg	ND	5.0	06/06/10 12:08	
Chlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
Chloroethane	ug/kg	ND	5.0	06/06/10 12:08	
Chloroform	ug/kg	ND	5.0	06/06/10 12:08	
Chloromethane	ug/kg	ND	5.0	06/06/10 12:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/06/10 12:08	
Dibromochloromethane	ug/kg	ND	5.0	06/06/10 12:08	
Ethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/06/10 12:08	
m&p-Xylene	ug/kg	ND	10.0	06/06/10 12:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/06/10 12:08	
Methylene Chloride	ug/kg	ND	5.0	06/06/10 12:08	
n-Butylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
n-Propylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Naphthalene	ug/kg	ND	5.0	06/06/10 12:08	
o-Xylene	ug/kg	ND	5.0	06/06/10 12:08	
p-Isopropyltoluene	ug/kg	ND	5.0	06/06/10 12:08	
sec-Butylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Styrene	ug/kg	ND	5.0	06/06/10 12:08	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 179087 Matrix: Solid

Associated Lab Samples: 3028366001, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	5.0	06/06/10 12:08	
Toluene	ug/kg	ND	5.0	06/06/10 12:08	
TOTAL BTEX	ug/kg	ND	30.0	06/06/10 12:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/06/10 12:08	
Trichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
Vinyl chloride	ug/kg	ND	5.0	06/06/10 12:08	
Xylene (Total)	ug/kg	ND	15.0	06/06/10 12:08	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/06/10 12:08	
4-Bromofluorobenzene (S)	%	97	70-130	06/06/10 12:08	
Toluene-d8 (S)	%	93	70-130	06/06/10 12:08	

LABORATORY CONTROL SAMPLE: 179088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	19.6	98	70-130	
1,1,2-Trichloroethane	ug/kg	20	19.9	99	70-130	
1,1-Dichloroethane	ug/kg	20	20.5	102	70-130	
1,1-Dichloroethene	ug/kg	20	16.4	82	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	19.7	99	70-130	
1,2-Dichlorobenzene	ug/kg	20	19.5	98	70-130	
1,2-Dichloroethane	ug/kg	20	19.0	95	70-130	
1,2-Dichloropropane	ug/kg	20	19.8	99	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	20.1	101	70-130	
1,3-Dichlorobenzene	ug/kg	20	19.9	99	70-130	
1,4-Dichlorobenzene	ug/kg	20	20.3	102	70-130	
2-Butanone (MEK)	ug/kg	20	20.8	104	70-130	
2-Hexanone	ug/kg	20	24.1	121	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	22.7	113	70-130	
Acetone	ug/kg	20	28.9	145	70-130	L0
Benzene	ug/kg	20	20.7	103	70-130	
Bromodichloromethane	ug/kg	20	17.7	89	70-130	
Bromoform	ug/kg	20	16.1	81	70-130	
Bromomethane	ug/kg	20	21.4	107	70-130	
Carbon disulfide	ug/kg	20	24.3	122	70-130	
Carbon tetrachloride	ug/kg	20	18.0	90	70-130	
Chlorobenzene	ug/kg	20	20.3	102	70-130	
Chloroethane	ug/kg	20	19.5	98	70-130	
Chloroform	ug/kg	20	19.3	96	70-130	
Chloromethane	ug/kg	20	18.0	90	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	19.1	95	70-130	
Dibromochloromethane	ug/kg	20	17.5	87	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 179088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	20	21.0	105	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	21.0	105	70-130	
m&p-Xylene	ug/kg	40	41.5	104	70-130	
Methyl-tert-butyl ether	ug/kg	20	21.8	109	70-130	
Methylene Chloride	ug/kg	20	16.5	83	70-130	
n-Butylbenzene	ug/kg	20	21.0	105	70-130	
n-Propylbenzene	ug/kg	20	21.1	105	70-130	
Naphthalene	ug/kg	20	20.3	102	70-130	
o-Xylene	ug/kg	20	19.7	98	70-130	
p-Isopropyltoluene	ug/kg	20	20.8	104	70-130	
sec-Butylbenzene	ug/kg	20	21.1	106	70-130	
Styrene	ug/kg	20	19.4	97	70-130	
Tetrachloroethene	ug/kg	20	19.9	100	70-130	
Toluene	ug/kg	20	23.4	117	70-130	
TOTAL BTEX	ug/kg		126			
trans-1,2-Dichloroethene	ug/kg	20	19.5	98	70-130	
trans-1,3-Dichloropropene	ug/kg	20	19.1	95	70-130	
Trichloroethene	ug/kg	20	20.4	102	70-130	
Vinyl chloride	ug/kg	20	20.4	102	70-130	
Xylene (Total)	ug/kg	60	61.2	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MSV/6090 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028366003, 3028366023, 3028366025, 3028366027, 3028366028, 3028366031, 3028366033, 3028366035, 3028366037

METHOD BLANK: 179499 | Matrix: Solid
Associated Lab Samples: 3028366003, 3028366023, 3028366025, 3028366027, 3028366028, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/07/10 14:11	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/07/10 14:11	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/07/10 14:11	
1,1-Dichloroethane	ug/kg	ND	5.0	06/07/10 14:11	
1,1-Dichloroethene	ug/kg	ND	5.0	06/07/10 14:11	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/07/10 14:11	
1,2-Dichloroethane	ug/kg	ND	5.0	06/07/10 14:11	
1,2-Dichloropropane	ug/kg	ND	5.0	06/07/10 14:11	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/07/10 14:11	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/07/10 14:11	
2-Butanone (MEK)	ug/kg	ND	10.0	06/07/10 14:11	
2-Hexanone	ug/kg	ND	10.0	06/07/10 14:11	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/07/10 14:11	
Acetone	ug/kg	ND	10.0	06/07/10 14:11	
Benzene	ug/kg	ND	5.0	06/07/10 14:11	
Bromodichloromethane	ug/kg	ND	5.0	06/07/10 14:11	
Bromoform	ug/kg	ND	5.0	06/07/10 14:11	
Bromomethane	ug/kg	ND	5.0	06/07/10 14:11	
Carbon disulfide	ug/kg	ND	5.0	06/07/10 14:11	
Carbon tetrachloride	ug/kg	ND	5.0	06/07/10 14:11	
Chlorobenzene	ug/kg	ND	5.0	06/07/10 14:11	
Chloroethane	ug/kg	ND	5.0	06/07/10 14:11	
Chloroform	ug/kg	ND	5.0	06/07/10 14:11	
Chloromethane	ug/kg	ND	5.0	06/07/10 14:11	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/07/10 14:11	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/07/10 14:11	
Dibromochloromethane	ug/kg	ND	5.0	06/07/10 14:11	
Ethylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/07/10 14:11	
m&p-Xylene	ug/kg	ND	10.0	06/07/10 14:11	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/07/10 14:11	
Methylene Chloride	ug/kg	ND	5.0	06/07/10 14:11	
n-Butylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
n-Propylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
Naphthalene	ug/kg	ND	5.0	06/07/10 14:11	
o-Xylene	ug/kg	ND	5.0	06/07/10 14:11	
p-Isopropyltoluene	ug/kg	ND	5.0	06/07/10 14:11	
sec-Butylbenzene	ug/kg	ND	5.0	06/07/10 14:11	
Styrene	ug/kg	ND	5.0	06/07/10 14:11	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 179499 Matrix: Solid

Associated Lab Samples: 3028366003, 3028366023, 3028366025, 3028366027, 3028366028, 3028366031, 3028366033, 3028366035, 3028366037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	5.0	06/07/10 14:11	
Toluene	ug/kg	ND	5.0	06/07/10 14:11	
TOTAL BTEX	ug/kg	ND	30.0	06/07/10 14:11	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/07/10 14:11	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/07/10 14:11	
Trichloroethene	ug/kg	ND	5.0	06/07/10 14:11	
Vinyl chloride	ug/kg	ND	5.0	06/07/10 14:11	
Xylene (Total)	ug/kg	ND	15.0	06/07/10 14:11	
1,2-Dichloroethane-d4 (S)	%	87	70-130	06/07/10 14:11	
4-Bromofluorobenzene (S)	%	95	70-130	06/07/10 14:11	
Toluene-d8 (S)	%	98	70-130	06/07/10 14:11	

LABORATORY CONTROL SAMPLE: 179500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	21.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	24.1	120	70-130	
1,1,2-Trichloroethane	ug/kg	20	23.3	116	70-130	
1,1-Dichloroethane	ug/kg	20	21.1	106	70-130	
1,1-Dichloroethene	ug/kg	20	14.1	71	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	26.2	131	70-130	L0
1,2-Dichlorobenzene	ug/kg	20	23.4	117	70-130	
1,2-Dichloroethane	ug/kg	20	20.3	102	70-130	
1,2-Dichloropropane	ug/kg	20	22.5	112	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	24.7	124	70-130	
1,3-Dichlorobenzene	ug/kg	20	23.3	117	70-130	
1,4-Dichlorobenzene	ug/kg	20	23.6	118	70-130	
2-Butanone (MEK)	ug/kg	20	21.6	108	70-130	
2-Hexanone	ug/kg	20	27.0	135	70-130	L0
4-Methyl-2-pentanone (MIBK)	ug/kg	20	26.5	132	70-130	L0
Acetone	ug/kg	20	26.9	134	70-130	L0
Benzene	ug/kg	20	23.3	116	70-130	
Bromodichloromethane	ug/kg	20	19.3	96	70-130	
Bromoform	ug/kg	20	19.1	96	70-130	
Bromomethane	ug/kg	20	23.7	118	70-130	
Carbon disulfide	ug/kg	20	19.6	98	70-130	
Carbon tetrachloride	ug/kg	20	19.2	96	70-130	
Chlorobenzene	ug/kg	20	23.1	116	70-130	
Chloroethane	ug/kg	20	23.3	116	70-130	
Chloroform	ug/kg	20	21.1	105	70-130	
Chloromethane	ug/kg	20	17.6	88	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.7	104	70-130	
cis-1,3-Dichloropropene	ug/kg	20	22.0	110	70-130	
Dibromochloromethane	ug/kg	20	19.7	98	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 179500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	20	24.5	123	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	25.4	127	70-130	
m&p-Xylene	ug/kg	40	51.9	130	70-130	
Methyl-tert-butyl ether	ug/kg	20	23.0	115	70-130	
Methylene Chloride	ug/kg	20	18.6	93	70-130	
n-Butylbenzene	ug/kg	20	24.8	124	70-130	
n-Propylbenzene	ug/kg	20	24.9	125	70-130	
Naphthalene	ug/kg	20	28.7	143	70-130	LO
o-Xylene	ug/kg	20	23.8	119	70-130	
p-Isopropyltoluene	ug/kg	20	24.5	122	70-130	
sec-Butylbenzene	ug/kg	20	24.8	124	70-130	
Styrene	ug/kg	20	21.6	108	70-130	
Tetrachloroethene	ug/kg	20	22.2	111	70-130	
Toluene	ug/kg	20	26.3	132	70-130	LO
TOTAL BTEX	ug/kg		150			
trans-1,2-Dichloroethene	ug/kg	20	21.4	107	70-130	
trans-1,3-Dichloropropene	ug/kg	20	21.8	109	70-130	
Trichloroethene	ug/kg	20	22.0	110	70-130	
Vinyl chloride	ug/kg	20	21.3	106	70-130	
Xylene (Total)	ug/kg	60	75.6	126	70-130	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: MSV/5983 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028366046

METHOD BLANK: 176231 | Matrix: Water
Associated Lab Samples: 3028366046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	05/28/10 15:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/28/10 15:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/28/10 15:09	
1,1-Dichloroethane	ug/L	ND	1.0	05/28/10 15:09	
1,1-Dichloroethene	ug/L	ND	1.0	05/28/10 15:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	05/28/10 15:09	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	05/28/10 15:09	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/28/10 15:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/28/10 15:09	
1,2-Dichloroethane	ug/L	ND	1.0	05/28/10 15:09	
1,2-Dichloropropane	ug/L	ND	1.0	05/28/10 15:09	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	05/28/10 15:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/28/10 15:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/28/10 15:09	
2-Butanone (MEK)	ug/L	ND	10.0	05/28/10 15:09	
2-Hexanone	ug/L	ND	10.0	05/28/10 15:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	05/28/10 15:09	
Acetone	ug/L	ND	10.0	05/28/10 15:09	
Benzene	ug/L	ND	1.0	05/28/10 15:09	
Bromochloromethane	ug/L	ND	1.0	05/28/10 15:09	
Bromodichloromethane	ug/L	ND	1.0	05/28/10 15:09	
Bromoform	ug/L	ND	1.0	05/28/10 15:09	
Bromomethane	ug/L	ND	1.0	05/28/10 15:09	
Carbon disulfide	ug/L	ND	1.0	05/28/10 15:09	
Carbon tetrachloride	ug/L	ND	1.0	05/28/10 15:09	
Chlorobenzene	ug/L	ND	1.0	05/28/10 15:09	
Chloroethane	ug/L	ND	1.0	05/28/10 15:09	
Chloroform	ug/L	ND	1.0	05/28/10 15:09	
Chloromethane	ug/L	ND	1.0	05/28/10 15:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/28/10 15:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/28/10 15:09	
Dibromochloromethane	ug/L	ND	1.0	05/28/10 15:09	
Ethylbenzene	ug/L	ND	1.0	05/28/10 15:09	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	05/28/10 15:09	
m&p-Xylene	ug/L	ND	2.0	05/28/10 15:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	05/28/10 15:09	
Methylene Chloride	ug/L	ND	1.0	05/28/10 15:09	
n-Butylbenzene	ug/L	ND	1.0	05/28/10 15:09	
n-Propylbenzene	ug/L	ND	1.0	05/28/10 15:09	
Naphthalene	ug/L	ND	2.0	05/28/10 15:09	
o-Xylene	ug/L	ND	1.0	05/28/10 15:09	
p-Isopropyltoluene	ug/L	ND	1.0	05/28/10 15:09	
sec-Butylbenzene	ug/L	ND	1.0	05/28/10 15:09	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

METHOD BLANK: 176231 Matrix: Water
Associated Lab Samples: 3028366046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	05/28/10 15:09	
Tetrachloroethene	ug/L	ND	1.0	05/28/10 15:09	
Toluene	ug/L	ND	1.0	05/28/10 15:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/28/10 15:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/28/10 15:09	
Trichloroethene	ug/L	ND	1.0	05/28/10 15:09	
Vinyl chloride	ug/L	ND	1.0	05/28/10 15:09	
Xylene (Total)	ug/L	ND	3.0	05/28/10 15:09	
1,2-Dichloroethane-d4 (S)	%	101	70-130	05/28/10 15:09	
4-Bromofluorobenzene (S)	%	96	70-130	05/28/10 15:09	
Toluene-d8 (S)	%	95	70-130	05/28/10 15:09	

LABORATORY CONTROL SAMPLE: 176232

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.3	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	99	70-130	
1,1,2-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethane	ug/L	20	18.4	92	70-130	
1,1-Dichloroethene	ug/L	20	15.5	78	70-130	
1,2,4-Trichlorobenzene	ug/L	20	21.2	106	70-130	
1,2,4-Trimethylbenzene	ug/L	20	22.1	110	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.4	92	70-130	
1,2-Dichlorobenzene	ug/L	20	20.8	104	70-130	
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	
1,2-Dichloropropane	ug/L	20	17.8	89	70-130	
1,3,5-Trimethylbenzene	ug/L	20	22.4	112	70-130	
1,3-Dichlorobenzene	ug/L	20	20.9	105	70-130	
1,4-Dichlorobenzene	ug/L	20	21.0	105	70-130	
2-Butanone (MEK)	ug/L	20	15.3	77	70-130	
2-Hexanone	ug/L	20	16.9	85	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	17.4	87	70-130	
Acetone	ug/L	20	18.2	91	70-130	
Benzene	ug/L	20	18.9	95	70-130	
Bromochloromethane	ug/L	20	18.0	90	70-130	
Bromodichloromethane	ug/L	20	18.8	94	70-130	
Bromoform	ug/L	20	17.7	89	70-130	
Bromomethane	ug/L	20	27.1	135	70-130	L3
Carbon disulfide	ug/L	20	18.5	92	70-130	
Carbon tetrachloride	ug/L	20	19.6	98	70-130	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	19.2	96	70-130	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	15.0	75	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

LABORATORY CONTROL SAMPLE: 176232

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	18.1	90	70-130	
Dibromochloromethane	ug/L	20	19.3	96	70-130	
Ethylbenzene	ug/L	20	19.8	99	70-130	
Isopropylbenzene (Cumene)	ug/L	20	22.5	112	70-130	
m&p-Xylene	ug/L	40	34.7	87	70-130	
Methyl-tert-butyl ether	ug/L	20	19.6	98	70-130	
Methylene Chloride	ug/L	20	16.5	83	70-130	
n-Butylbenzene	ug/L	20	21.8	109	70-130	
n-Propylbenzene	ug/L	20	23.4	117	70-130	
Naphthalene	ug/L	20	22.2	111	70-130	
o-Xylene	ug/L	20	19.3	96	70-130	
p-Isopropyltoluene	ug/L	20	22.2	111	70-130	
sec-Butylbenzene	ug/L	20	23.0	115	70-130	
Styrene	ug/L	20	19.4	97	70-130	
Tetrachloroethene	ug/L	20	18.6	93	70-130	
Toluene	ug/L	20	19.9	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.6	88	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.6	88	70-130	
Trichloroethene	ug/L	20	18.6	93	70-130	
Vinyl chloride	ug/L	20	16.2	81	70-130	
Xylene (Total)	ug/L	60	54.0	90	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176233 176234

Parameter	Units	3028265001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	20.9	102	105	70-130	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.8	104	104	70-130	.3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.3	21.3	106	107	70-130	.3	
1,1-Dichloroethane	ug/L	ND	20	20	20.0	19.7	100	99	70-130	1	
1,1-Dichloroethene	ug/L	ND	20	20	17.7	26.5	89	132	70-130	40	M0,R1
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.8	20.0	94	100	70-130	6	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.2	23.3	116	117	70-130	.3	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.2	20.4	101	102	70-130	.8	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	21.6	106	108	70-130	1	
1,2-Dichloroethane	ug/L	ND	20	20	19.9	19.7	100	99	70-130	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.5	20.2	97	101	70-130	4	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	24.1	24.1	121	120	70-130	.1	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.9	21.7	109	109	70-130	.5	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.8	22.3	109	112	70-130	2	
2-Butanone (MEK)	ug/L	ND	20	20	17.3	15.8	86	79	70-130	9	
2-Hexanone	ug/L	ND	20	20	20.7	18.5	103	93	70-130	11	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	22.7	20.4	113	102	70-130	11	
Acetone	ug/L	ND	20	20	24.3	18.5	122	93	70-130	27	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176233 176234

Parameter	Units	3028265001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	21.5	21.7	107	108	70-130	.8	
Bromochloromethane	ug/L	ND	20	20	18.0	16.8	90	84	70-130	7	
Bromodichloromethane	ug/L	ND	20	20	18.5	19.9	93	99	70-130	7	
Bromoform	ug/L	ND	20	20	16.1	17.2	80	86	70-130	7	
Bromomethane	ug/L	ND	20	20	6.7	10.3	34	52	70-130	42	M0
Carbon disulfide	ug/L	ND	20	20	18.6	36.9	93	184	70-130	66	M0,R1
Carbon tetrachloride	ug/L	ND	20	20	18.6	20.4	93	102	70-130	9	
Chlorobenzene	ug/L	ND	20	20	22.2	22.5	111	113	70-130	1	
Chloroethane	ug/L	ND	20	20	20.2	21.1	101	106	70-130	4	
Chloroform	ug/L	ND	20	20	20.0	20.0	100	100	70-130	.04	
Chloromethane	ug/L	ND	20	20	27.0	24.4	135	122	70-130	10	M0
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.0	19.3	95	96	70-130	2	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.0	19.1	90	96	70-130	6	
Dibromochloromethane	ug/L	ND	20	20	17.9	19.4	90	97	70-130	8	
Ethylbenzene	ug/L	ND	20	20	22.2	22.9	111	114	70-130	3	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.1	25.0	121	125	70-130	4	
m&p-Xylene	ug/L	ND	40	40	39.1	40.1	98	100	70-130	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.2	19.5	96	97	70-130	2	
Methylene Chloride	ug/L	ND	20	20	17.9	17.7	90	88	70-130	2	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.2	114	116	70-130	1	
n-Propylbenzene	ug/L	ND	20	20	25.5	25.9	128	130	70-130	2	
Naphthalene	ug/L	ND	20	20	18.1	19.5	91	98	70-130	7	
o-Xylene	ug/L	ND	20	20	21.5	21.9	107	110	70-130	2	
p-Isopropyltoluene	ug/L	ND	20	20	23.7	24.0	119	120	70-130	.9	
sec-Butylbenzene	ug/L	ND	20	20	25.4	25.4	127	127	70-130	.06	
Styrene	ug/L	ND	20	20	20.7	21.1	103	106	70-130	2	
Tetrachloroethene	ug/L	ND	20	20	21.4	22.0	107	110	70-130	3	
Toluene	ug/L	ND	20	20	22.6	23.0	113	115	70-130	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.1	19.0	95	95	70-130	.6	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.4	18.1	87	90	70-130	4	
Trichloroethene	ug/L	ND	20	20	20.9	21.2	104	106	70-130	2	
Vinyl chloride	ug/L	ND	20	20	18.8	19.5	94	98	70-130	4	
Xylene (Total)	ug/L	ND	60	60	60.6	62.1	101	103	70-130	2	
1,2-Dichloroethane-d4 (S)	%						102	102	70-130		
4-Bromofluorobenzene (S)	%						94	98	70-130		
Toluene-d8 (S)	%						98	102	70-130		

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: PMST/1874 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037

SAMPLE DUPLICATE: 176820

Parameter	Units	3028366009 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.1	9.5	5	

SAMPLE DUPLICATE: 176821

Parameter	Units	3028366011 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.6	9.1	6	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: PMST/1895
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 3028366039

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 180184

Parameter	Units	3028365001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.9	8.8	10	

SAMPLE DUPLICATE: 180185

Parameter	Units	3028365002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	8.8	8.5	3	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WET/5775 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

METHOD BLANK: 176909 Matrix: Water
Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 11:18	

METHOD BLANK: 176910 Matrix: Water
Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 11:18	

LABORATORY CONTROL SAMPLE: 176911

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	1.0	104	85-115	SU

MATRIX SPIKE SAMPLE: 176965

Parameter	Units	3028366024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.74	71	85-115	2c,M3

SAMPLE DUPLICATE: 176964

Parameter	Units	3028366022 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		2c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WET/5796 | Analysis Method: SM 5540C
QC Batch Method: SM 5540C | Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028366036, 3028366038, 3028366040

METHOD BLANK: 177505 | Matrix: Water
Associated Lab Samples: 3028366036, 3028366038, 3028366040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

METHOD BLANK: 177506 | Matrix: Water
Associated Lab Samples: 3028366036, 3028366038, 3028366040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

LABORATORY CONTROL SAMPLE: 177507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	1.1	109	85-115	SU

MATRIX SPIKE SAMPLE: 177509

Parameter	Units	3028366038 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	1.0	100	85-115	3c

SAMPLE DUPLICATE: 177508

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	.052J		3c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WET/5741 Analysis Method: EPA 9045
QC Batch Method: EPA 9045 Analysis Description: 9045 pH
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027, 3028366028

SAMPLE DUPLICATE: 175414

Parameter	Units	3028366028 Result	Dup Result	RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.3	6.4	.5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WETA/4417 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027

METHOD BLANK: 179141 | Matrix: Solid
Associated Lab Samples: 3028366001, 3028366003, 3028366005, 3028366007, 3028366009, 3028366011, 3028366013, 3028366015, 3028366017, 3028366019, 3028366021, 3028366023, 3028366025, 3028366027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	4.9	06/06/10 16:48	

LABORATORY CONTROL SAMPLE: 179142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	155	149	96	85-115	

MATRIX SPIKE SAMPLE: 179143

Parameter	Units	3028366007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	6.8	162	153	91	85-115	

SAMPLE DUPLICATE: 179144

Parameter	Units	3028366007 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	6.8	3.1J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WETA/4433 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037, 3028366039

METHOD BLANK: 179590 Matrix: Solid
Associated Lab Samples: 3028366028, 3028366030, 3028366031, 3028366033, 3028366035, 3028366037, 3028366039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/08/10 15:57	

LABORATORY CONTROL SAMPLE: 179591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	159	148	93	85-115	

MATRIX SPIKE SAMPLE: 179592

Parameter	Units	3028443005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	6.5	145	144	95	85-115	

SAMPLE DUPLICATE: 179593

Parameter	Units	3028443005 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	6.5	7.4	12	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WETA/4361 — Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E — Analysis Description: 4500 Chloride

Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

METHOD BLANK: 176861 — Matrix: Water

Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/01/10 15:10	

METHOD BLANK: 176878 — Matrix: Water

Associated Lab Samples: 3028366002, 3028366004, 3028366006, 3028366008, 3028366010, 3028366012, 3028366014, 3028366016, 3028366018, 3028366020, 3028366022, 3028366024, 3028366026, 3028366029, 3028366032, 3028366034, 3028366047, 3028366048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/01/10 00:00	1c

LABORATORY CONTROL SAMPLE: 176862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.1	98	85-115	

MATRIX SPIKE SAMPLE: 176863

Parameter	Units	3028366002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	3.0	20	19.5	83	85-115	M1

SAMPLE DUPLICATE: 176864

Parameter	Units	3028366002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	3.0	2.9J		

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nelac

CABOT-EPA 004534

DIM0223739 DIM0223927

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028366

QC Batch: WETA/4380 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028366036, 3028366038, 3028366040

METHOD BLANK: 177684 Matrix: Water
Associated Lab Samples: 3028366036, 3028366038, 3028366040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 10:11	

METHOD BLANK: 177740 Matrix: Water
Associated Lab Samples: 3028366036, 3028366038, 3028366040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 00:00	1c

LABORATORY CONTROL SAMPLE: 177685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.7	99	85-115	

MATRIX SPIKE SAMPLE: 177686

Parameter	Units	3028366036 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	ND	20	18.3	81	85-115	M1

SAMPLE DUPLICATE: 177687

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	2.2J		

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QUALIFIERS

Project: KLG
Pace Project No.: 3028366

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

WORKORDER QUALIFIERS

WO: 3028366

[1] The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

BATCH QUALIFIERS

Batch: MSV/6055

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6073

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6090

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	ASTM BLANK
2c	Sample was tumbled on 5/31/2010 and analyzed within 48 hours.
3c	Samples were tumbled on 06/01/2010 and analyzed within 48 hours.
B	Analyte was detected in the associated method blank.
C9	Common Laboratory Contaminant.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
H1	Analysis conducted outside the EPA method holding time.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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QUALIFIERS

Project: KLG
Pace Project No.: 3028366

ANALYTE QUALIFIERS

M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
SU	MBAS, calculated as LAS, Mol wt 342.2 g/mol

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366001	BRK-1H-P7A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366003	BRK-1H-P7B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366005	BRK-1H-P8A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366007	BRK-1H-P8B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366009	BRK-1H-P9A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366011	BRK-1H-P9B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366013	[redacted]4-P1A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366015	[redacted]4-P1B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366017	[redacted]4-P2A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366019	[redacted]4-P2B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366021	[redacted]4-P3A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366023	[redacted]4-P3B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366025	[redacted]4-P4A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366027	[redacted]4-P4B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366028	[redacted]4-P5A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366030	[redacted]4-P5B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366031	[redacted]4-P3C	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366033	[redacted]4-P7A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366035	[redacted]4-P7B	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366037	[redacted]4-P6A	EPA 3546	OEXT/5128	EPA 8015B Modified	GCSV/2548
3028366039	[redacted]4-P6B	EPA 3546	OEXT/5129	EPA 8015B Modified	GCSV/2550
3028366001	BRK-1H-P7A	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366003	BRK-1H-P7B	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366005	BRK-1H-P8A	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366007	BRK-1H-P8B	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366009	BRK-1H-P9A	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366011	BRK-1H-P9B	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366013	[redacted]4-P1A	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366015	[redacted]4-P1B	EPA 5035A/5030B	GCV/1353	EPA 8015B Modified	GCV/1354
3028366017	[redacted]4-P2A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366019	[redacted]4-P2B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366021	[redacted]4-P3A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366023	[redacted]4-P3B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366025	[redacted]4-P4A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366027	[redacted]4-P4B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366028	[redacted]4-P5A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366030	[redacted]4-P5B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366031	[redacted]4-P3C	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366033	[redacted]4-P7A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366035	[redacted]4-P7B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366037	[redacted]4-P6A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366039	[redacted]4-P6B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028366001	BRK-1H-P7A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366003	BRK-1H-P7B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366005	BRK-1H-P8A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366007	BRK-1H-P8B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366009	BRK-1H-P9A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366011	BRK-1H-P9B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366013	[redacted]4-P1A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366015	[redacted]4-P1B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366017	[redacted]4-P2A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366019	[redacted]4-P2B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366021	[redacted]4-P3A	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366023	[redacted]4-P3B	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028366025	[redacted]4-P4A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366027	[redacted]4-P4B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366028	[redacted]4-P5A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366030	[redacted]4-P5B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366031	[redacted]4-P3C	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366033	[redacted]4-P7A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366035	[redacted]4-P7B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366037	[redacted]4-P6A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366039	[redacted]4-P6B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028366001	BRK-1H-P7A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366003	BRK-1H-P7B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366005	BRK-1H-P8A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366007	BRK-1H-P8B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366009	BRK-1H-P9A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366011	BRK-1H-P9B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366013	[redacted]4-P1A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366015	[redacted]4-P1B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366017	[redacted]4-P2A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366019	[redacted]4-P2B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366021	[redacted]4-P3A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366023	[redacted]4-P3B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366025	[redacted]4-P4A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366027	[redacted]4-P4B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366028	[redacted]4-P5A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366030	[redacted]4-P5B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366031	[redacted]4-P3C	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366033	[redacted]4-P7A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366035	[redacted]4-P7B	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366037	[redacted]4-P6A	EPA 7471	MERP/1967	EPA 7471	MERC/1917
3028366039	[redacted]4-P6B	EPA 7471	MERP/1968	EPA 7471	MERC/1918
3028366001	BRK-1H-P7A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366003	BRK-1H-P7B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366005	BRK-1H-P8A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366007	BRK-1H-P8B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366009	BRK-1H-P9A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366011	BRK-1H-P9B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366013	[redacted]4-P1A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366015	[redacted]4-P1B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366017	[redacted]4-P2A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366019	[redacted]4-P2B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366021	[redacted]-P3A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366023	[redacted]-P3B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366025	[redacted]-P4A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366027	[redacted]-P4B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366028	[redacted]-P5A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366030	[redacted]-P5B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366031	[redacted]-P3C	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366033	[redacted]-P7A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366035	[redacted]-P7B	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366037	[redacted]-P6A	EPA 3546	OEXT/5039	EPA 8270	MSSV/2147
3028366039	[redacted]-P6B	EPA 3546	OEXT/5061	EPA 8270	MSSV/2152
3028366001	BRK-1H-P7A	EPA 8260	MSV/6073		
3028366003	BRK-1H-P7B	EPA 8260	MSV/6090		
3028366005	BRK-1H-P8A	EPA 8260	MSV/6073		
3028366007	BRK-1H-P8B	EPA 8260	MSV/6073		
3028366009	BRK-1H-P9A	EPA 8260	MSV/6073		
3028366011	BRK-1H-P9B	EPA 8260	MSV/6073		
3028366013	[redacted]-P1A	EPA 8260	MSV/6073		
3028366015	[redacted]-P1B	EPA 8260	MSV/6073		
3028366017	[redacted]-P2A	EPA 8260	MSV/6073		
3028366019	[redacted]-P2B	EPA 8260	MSV/6073		
3028366021	[redacted]-P3A	EPA 8260	MSV/6073		
3028366023	[redacted]-P3B	EPA 8260	MSV/6090		
3028366025	[redacted]-P4A	EPA 8260	MSV/6090		
3028366027	[redacted]-P4B	EPA 8260	MSV/6090		
3028366028	[redacted]-P5A	EPA 8260	MSV/6090		
3028366030	[redacted]-P5B	EPA 8260	MSV/6055		
3028366031	[redacted]-P3C	EPA 8260	MSV/6090		
3028366033	[redacted]-P7A	EPA 8260	MSV/6090		
3028366035	[redacted]-P7B	EPA 8260	MSV/6090		
3028366037	[redacted]-P6A	EPA 8260	MSV/6090		
3028366039	[redacted]-P6B	EPA 8260	MSV/6055		
3028366046	TRIP BLANK	EPA 8260	MSV/5983		
3028366001	BRK-1H-P7A	ASTM D2974-87	PMST/1874		
3028366003	BRK-1H-P7B	ASTM D2974-87	PMST/1874		
3028366005	BRK-1H-P8A	ASTM D2974-87	PMST/1874		
3028366007	BRK-1H-P8B	ASTM D2974-87	PMST/1874		
3028366009	BRK-1H-P9A	ASTM D2974-87	PMST/1874		
3028366011	BRK-1H-P9B	ASTM D2974-87	PMST/1874		
3028366013	[redacted]-P1A	ASTM D2974-87	PMST/1874		
3028366015	[redacted]-P1B	ASTM D2974-87	PMST/1874		
3028366017	[redacted]-P2A	ASTM D2974-87	PMST/1874		
3028366019	[redacted]-P2B	ASTM D2974-87	PMST/1874		
3028366021	[redacted]-P3A	ASTM D2974-87	PMST/1874		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366023	[redacted]4-P3B	ASTM D2974-87	PMST/1874		
3028366025	[redacted]4-P4A	ASTM D2974-87	PMST/1874		
3028366027	[redacted]4-P4B	ASTM D2974-87	PMST/1874		
3028366028	[redacted]4-P5A	ASTM D2974-87	PMST/1874		
3028366030	[redacted]4-P5B	ASTM D2974-87	PMST/1874		
3028366031	[redacted]4-P3C	ASTM D2974-87	PMST/1874		
3028366033	[redacted]4-P7A	ASTM D2974-87	PMST/1874		
3028366035	[redacted]4-P7B	ASTM D2974-87	PMST/1874		
3028366037	[redacted]4-P6A	ASTM D2974-87	PMST/1874		
3028366039	[redacted]4-P6B	ASTM D2974-87	PMST/1895		
3028366002	BRK-1H-P7A ASTM	SM 5540C	WET/5775		
3028366004	BRK-1H-P7B ASTM	SM 5540C	WET/5775		
3028366006	BRK-1H-P8A ASTM	SM 5540C	WET/5775		
3028366008	BRK-1H-P8B ASTM	SM 5540C	WET/5775		
3028366010	BRK-1H-P9A ASTM	SM 5540C	WET/5775		
3028366012	BRK-1H-P9B ASTM	SM 5540C	WET/5775		
3028366014	[redacted]4-P1A ASTM	SM 5540C	WET/5775		
3028366016	[redacted]4-P1B ASTM	SM 5540C	WET/5775		
3028366018	[redacted]4-P2A ASTM	SM 5540C	WET/5775		
3028366020	[redacted]4-P2B ASTM	SM 5540C	WET/5775		
3028366022	[redacted]4-P3A ASTM	SM 5540C	WET/5775		
3028366024	[redacted]4-P3B ASTM	SM 5540C	WET/5775		
3028366026	[redacted]4-P4A ASTM	SM 5540C	WET/5775		
3028366029	[redacted]4-P5A ASTM	SM 5540C	WET/5775		
3028366032	[redacted]4-P3C ASTM	SM 5540C	WET/5775		
3028366034	[redacted]4-P7A ASTM	SM 5540C	WET/5775		
3028366036	[redacted]4-P7B ASTM	SM 5540C	WET/5796		
3028366038	[redacted]4-P6A ASTM	SM 5540C	WET/5796		
3028366040	[redacted]4-P6B ASTM	SM 5540C	WET/5796		
3028366047	[redacted]4-P4B ASTM	SM 5540C	WET/5775		
3028366048	[redacted]4-P5B ASTM	SM 5540C	WET/5775		
3028366001	BRK-1H-P7A	EPA 9045	WET/5741		
3028366003	BRK-1H-P7B	EPA 9045	WET/5741		
3028366005	BRK-1H-P8A	EPA 9045	WET/5741		
3028366007	BRK-1H-P8B	EPA 9045	WET/5741		
3028366009	BRK-1H-P9A	EPA 9045	WET/5741		
3028366011	BRK-1H-P9B	EPA 9045	WET/5741		
3028366013	[redacted]4-P1A	EPA 9045	WET/5741		
3028366015	[redacted]4-P1B	EPA 9045	WET/5741		
3028366017	[redacted]4-P2A	EPA 9045	WET/5741		
3028366019	[redacted]4-P2B	EPA 9045	WET/5741		
3028366021	[redacted]4-P3A	EPA 9045	WET/5741		
3028366023	[redacted]4-P3B	EPA 9045	WET/5741		
3028366025	[redacted]4-P4A	EPA 9045	WET/5741		
3028366027	[redacted]4-P4B	EPA 9045	WET/5741		
3028366028	[redacted]4-P5A	EPA 9045	WET/5741		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366030	[redacted]4-P5B	EPA 9045	WET/5742		
3028366031	[redacted]4-P3C	EPA 9045	WET/5742		
3028366033	[redacted]4-P7A	EPA 9045	WET/5742		
3028366035	[redacted]4-P7B	EPA 9045	WET/5742		
3028366037	[redacted]4-P6A	EPA 9045	WET/5742		
3028366039	[redacted]4-P6B	EPA 9045	WET/5742		
3028366001	BRK-1H-P7A	EPA 350.1	WETA/4417		
3028366003	BRK-1H-P7B	EPA 350.1	WETA/4417		
3028366005	BRK-1H-P8A	EPA 350.1	WETA/4417		
3028366007	BRK-1H-P8B	EPA 350.1	WETA/4417		
3028366009	BRK-1H-P9A	EPA 350.1	WETA/4417		
3028366011	BRK-1H-P9B	EPA 350.1	WETA/4417		
3028366013	[redacted]4-P1A	EPA 350.1	WETA/4417		
3028366015	[redacted]4-P1B	EPA 350.1	WETA/4417		
3028366017	[redacted]4-P2A	EPA 350.1	WETA/4417		
3028366019	[redacted]4-P2B	EPA 350.1	WETA/4417		
3028366021	[redacted]4-P3A	EPA 350.1	WETA/4417		
3028366023	[redacted]4-P3B	EPA 350.1	WETA/4417		
3028366025	[redacted]4-P4A	EPA 350.1	WETA/4417		
3028366027	[redacted]4-P4B	EPA 350.1	WETA/4417		
3028366028	[redacted]4-P5A	EPA 350.1	WETA/4433		
3028366030	[redacted]4-P5B	EPA 350.1	WETA/4433		
3028366031	[redacted]4-P3C	EPA 350.1	WETA/4433		
3028366033	[redacted]4-P7A	EPA 350.1	WETA/4433		
3028366035	[redacted]4-P7B	EPA 350.1	WETA/4433		
3028366037	[redacted]4-P6A	EPA 350.1	WETA/4433		
3028366039	[redacted]4-P6B	EPA 350.1	WETA/4433		
3028366002	BRK-1H-P7A ASTM	SM 4500-Cl-E	WETA/4361		
3028366004	BRK-1H-P7B ASTM	SM 4500-Cl-E	WETA/4361		
3028366006	BRK-1H-P8A ASTM	SM 4500-Cl-E	WETA/4361		
3028366008	BRK-1H-P8B ASTM	SM 4500-Cl-E	WETA/4361		
3028366010	BRK-1H-P9A ASTM	SM 4500-Cl-E	WETA/4361		
3028366012	BRK-1H-P9B ASTM	SM 4500-Cl-E	WETA/4361		
3028366014	[redacted]4-P1A ASTM	SM 4500-Cl-E	WETA/4361		
3028366016	[redacted]4-P1B ASTM	SM 4500-Cl-E	WETA/4361		
3028366018	[redacted]4-P2A ASTM	SM 4500-Cl-E	WETA/4361		
3028366020	[redacted]4-P2B ASTM	SM 4500-Cl-E	WETA/4361		
3028366022	[redacted]4-P3A ASTM	SM 4500-Cl-E	WETA/4361		
3028366024	[redacted]4-P3B ASTM	SM 4500-Cl-E	WETA/4361		
3028366026	[redacted]4-P4A ASTM	SM 4500-Cl-E	WETA/4361		
3028366029	[redacted]4-P5A ASTM	SM 4500-Cl-E	WETA/4361		
3028366032	[redacted]4-P3C ASTM	SM 4500-Cl-E	WETA/4361		
3028366034	[redacted]4-P7A ASTM	SM 4500-Cl-E	WETA/4361		
3028366036	[redacted]4-P7B ASTM	SM 4500-Cl-E	WETA/4380		
3028366038	[redacted]4-P6A ASTM	SM 4500-Cl-E	WETA/4380		
3028366040	[redacted]4-P6B ASTM	SM 4500-Cl-E	WETA/4380		

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028366

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028366047	[redacted]4-P4B ASTM	SM 4500-Cl-E	WETA/4361		
3028366048	[redacted]4-P5B ASTM	SM 4500-Cl-E	WETA/4361		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 176704

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10602A7

Level: (low/med) LOW Date Received: 06/01/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P7A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366001

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10602A9

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 10 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	124	J
2.				
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P7B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366003

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10602B0

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 10 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P8A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366005

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10602B1

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	121	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P8B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366007

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10602B2

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 8 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P9A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366009

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10602B3

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P9B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366011

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10602B6

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 10 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	119	J
2.				
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P1A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366013

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10602B7

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 11 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	11.05	239	J
2.	UNKNOWN	11.08	138	J
3.	UNKNOWN	11.22	198	J
4.	UNKNOWN	11.26	328	J
5.	UNKNOWN	11.45	331	J
6.	UNKNOWN	11.56	180	J
7.	UNKNOWN	11.83	187	J
8.	UNKNOWN	12.38	130	J
9.	UNKNOWN	12.65	153	J
10.	UNKNOWN	12.80	191	J
11.	UNKNOWN	13.13	258	J
12.	UNKNOWN	13.33	158	J
13.	UNKNOWN	13.48	320	J
14.	UNKNOWN	13.72	136	J
15.	UNKNOWN	13.82	203	J
16.	UNKNOWN	14.04	198	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-P1B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366015

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10602B8

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 18 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P2A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366017

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10602B9

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	130	J
2.				
3.				
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P2B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366019

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10602C0

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 10 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P3A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366021

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10602C1

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 11 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P3B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366023

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10602C2

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	120	J
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P3C

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366031

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10602C7

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P4A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366025

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10602C3

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 18 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 54833-48-6	HEPTADECANE, 2,6,10,15-TETRA	13.29	464	NJ
2.	UNKNOWN	13.68	175	J
3. 629-99-2	PENTACOSANE $$ N-PENTACOSANE	13.82	763	NJ
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P4B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366027

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10602C4

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 15 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.82	1030	NJ
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P5A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366028

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10602C5

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 15 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P5B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366030

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10602C6

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 13 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/02/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.47	120	J
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P6A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106031

Matrix: (soil/water) SOIL Lab Sample ID: 3028366037

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10603A0

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 11 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/03/10

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	2.34	153	NJ
2. 111-06-8	HEXADECANOIC ACID, BUTYL EST	11.04	260	NJ
3. 123-95-5	OCTADECANOIC ACID, BUTYL EST	11.73	193	NJ
4. 112-95-8	EICOSANE	13.29	182	NJ
5.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P7A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366033

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10602C8

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 29 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/03/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.30	1110	J
2. 630-02-4	OCTACOSANE	13.29	121	NJ
3.				
4.				
5.				
6.				
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8.				
9.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P7B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106021

Matrix: (soil/water) SOIL Lab Sample ID: 3028366035

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10602C9

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: 21 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/03/10

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.30	1170	J
2.				
3.				
4.				
5.				
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FORM I SV-TIC

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106031

Matrix: (soil/water) SOIL Lab Sample ID: 177205

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10603A1

Level: (low/med) LOW Date Received: 06/02/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/03/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.30	1580	J
2.				
3.				
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]4-P6B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106031

Matrix: (soil/water) SOIL Lab Sample ID: 3028366039

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10603A3

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/03/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.30	1670	J
2. 593-45-3	OCTADECANE	13.29	193	NJ
3.				
4.				
5.				
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FORM I SV-TIC

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008059

Project Number
3028366

Issued
Tuesday, June 08, 2010

Total Number of Pages
5 (excluding C.O.C. and cooler receipt form)

Approved By :
QA Manager

NELAC Accreditation #E87688

"Analytical Integrity" · **EPA Certified** · **NELAP Certified**
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Pace Analytical
Order Number: 1008059

Laboratory ID	Client ID	Matrix	Sampling Date
1008059-01	3028366001	Solid	5/25/2010
1008059-02	3028366003	Solid	5/25/2010
1008059-03	3028366005	Solid	5/25/2010
1008059-04	3028366007	Solid	5/25/2010
1008059-05	3028366009	Solid	5/25/2010
1008059-06	3028366011	Solid	5/25/2010
1008059-07	3028366013	Solid	5/25/2010
1008059-08	3028366015	Solid	5/25/2010
1008059-09	3028366017	Solid	5/25/2010
1008059-10	3028366019	Solid	5/25/2010
1008059-11	3028366021	Solid	5/25/2010
1008059-12	3028366023	Solid	5/25/2010
1008059-13	3028366025	Solid	5/25/2010
1008059-14	3028366027	Solid	5/25/2010
1008059-15	3028366028	Solid	5/25/2010
1008059-16	3028366030	Solid	5/25/2010
1008059-17	3028366031	Solid	5/25/2010
1008059-18	3028366033	Solid	5/25/2010
1008059-19	3028366035	Solid	5/25/2010
1008059-20	3028366037	Solid	5/25/2010
1008059-21	3028366039	Solid	5/25/2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008059

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

"Analytical Integrity" · **EPA Certified** · **NELAP Certified**
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 08, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028366

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028366001	1008059-01	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366003	1008059-02	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366005	1008059-03	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366007	1008059-04	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366009	1008059-05	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366011	1008059-06	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366013	1008059-07	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366015	1008059-08	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366017	1008059-09	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366019	1008059-10	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366021	1008059-11	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN

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SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 08, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028366

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028366023	1008059-12	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366025	1008059-13	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366027	1008059-14	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366028	1008059-15	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366030	1008059-16	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366031	1008059-17	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366033	1008059-18	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366035	1008059-19	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366037	1008059-20	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028366039	1008059-21	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN

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Web Site: www.seltek.com

Chain of Custody

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www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.:
P.O. No: ASR- 3028366

Request Date: 5/28/10 Analysis Due Date: 6/10/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028366
Report/Invoice to: Tim Reed

Page 1 of 2

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028366001	SL	5/25/10	10:49	Ethylene Glycol	8015		
2	3028366003	SL	5/25/10	10:50	Ethylene Glycol	8015		
3	3028366005	SL	5/25/10	11:05	Ethylene Glycol	8015		
4	3028366007	SL	5/25/10	11:10	Ethylene Glycol	8015		
5	3028366009	SL	5/25/10	11:25	Ethylene Glycol	8015		
6	3028366011	SL	5/25/10	11:30	Ethylene Glycol	8015		
7	3028366013	SL	5/25/10	15:05	Ethylene Glycol	8015		
8	3028366015	SL	5/25/10	15:10	Ethylene Glycol	8015		
9	3028366017	SL	5/25/10	15:15	Ethylene Glycol	8015		
10	3028366019	SL	5/25/10	15:20	Ethylene Glycol	8015		
11	3028366021	SL	5/25/10	15:35	Ethylene Glycol	8015		
12	3028366023	SL	5/25/10	15:40	Ethylene Glycol	8015		

Special Requirements: 1008059-01-21

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Pace Agent Name Title
Acceptance of Terms By: Subcontract Lab Agent Title

Relinquised By: (Signature & Affiliation) 5-28-10 (Date) 17:00 (Time)
Received By: (Signature & Affiliation) 5-29-10 (Date) 10:00 (Time)
Relinquised By: (Signature & Affiliation) (Date) (Time)
Received By: (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 004572

DIM0223739 DIM0223965

Chain of Custody

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.:
P.O. No: ASR- 3028366

Request Date: 5/28/10 Analysis Due Date: 6/10/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028366
Report/Invoice to: Tim Reed

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028366025	SL	5/25/10	14:35	Ethylene Glycol	8015		
2	3028366027	SL	5/25/10	14:40	Ethylene Glycol	8015		
3	3028366028	SL	5/25/10	14:15	Ethylene Glycol	8015		
4	3028366030	SL	5/25/10	14:20	Ethylene Glycol	8015		
5	3028366031	SL	5/25/10	13:45	Ethylene Glycol	8015		
6	3028366033	SL	5/25/10	13:45	Ethylene Glycol	8015		
7	3028366035	SL	5/25/10	13:50	Ethylene Glycol	8015		
8	3028366037	SL	5/25/10	14:00	Ethylene Glycol	8015		
9	3028366039	SL	5/25/10	14:05	Ethylene Glycol	8015		
10								
11								
12								

Special Requirements: 1008059-01-21

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____ Pace Agent Name _____ Title
Acceptance of Terms By: _____ Subcontract Lab Agent _____ Title

Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)
Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Order Number: 1008059

Date Received: 5-29-10 Time Received: 10:00

Number of Coolers/Boxes: 2 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1361249

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Email To: James_Pinta@URSCorp.com
Phone: 412-503-4602 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinta@URSCorp.com
Copy To: Mark_Holsing@URSCorp.com
Andy_Malalko@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 37939654.00001

Section C Invoice Information:

Attention: Thomas_Marsh@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOC	SVOC + TIC	DRO	Metals	Hg BAS	pH	Alk, TDS	NH_3 N	GRO	TPH 1664A	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	BRK-1H-P7A	S	G	5/25/13	1045													✓	✓	✓	✓	✓	✓	✓	✓	✓			001 002
2	BRK-1H-P7B				1050													X	X	X	X	X	X	X	X	X			003 004
3	BRK-1H-P8A				1105													X	X	X	X	X	X	X	X	X			005 006
4	BRK-1H-P8B				1110													X	X	X	X	X	X	X	X	X			007 008
5	BRK-1H-P9A				1125													X	X	X	X	X	X	X	X	X			009 010
6	BRK-1H-P9B				1130													X	X	X	X	X	X	X	X	X			011 012
7	[redacted]4-P1A				1505													X	X	X	X	X	X	X	X	X			013 014
8	[redacted]-4-P1B				1510													X	X	X	X	X	X	X	X	X			015 016
9	[redacted]-4-P2A				1515													X	X	X	X	X	X	X	X	X			017 018
10	[redacted]-4-P2B				1520													X	X	X	X	X	X	X	X	X			019 020
11	[redacted]4-P3A				1535													X	X	X	X	X	X	X	X	X			021 022
12	[redacted]4-P3B				1540													X	X	X	X	X	X	X	X	X			023 024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] URS	5/25/13	1910	[signature]	5-26	1000	6.0	Y	Y	N

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 004575

DIM0223739 DIM0223968

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1361250

Section A Required Client Information:
Company: URS CORP
Address: 501 HOLIDAY DR STE 300
PITTSBURGH PA 15220
Email To: James_pinto@urscorp.com
Phone: 412 503-4602 Fax:
Requested Due Date/TAT: 2 WEEK

Section B Required Project Information:
Report To: James_pinto@urscorp.com
Copy To: Mark_holsing@urscorp.com
Andy_Mahalko@urscorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39938654.00001

Section C Invoice Information:
Attention: Thomas_Merck@urscorp.com
Company Name: URS Corp
Address: 501 HOLIDAY DRIVE
Pace Quote Reference: PITTSBURGH PA 15220
Pace Project Manager: TIM REED
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER
Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOC	SVOC + TIC	DRO	Metals	MBAS	pH	Acidity	TDS	NH_3N	GRO	TPH-1664A	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]-4-P4A	S	G	5/25/10	1235														X	X	X	X	X	X	X	X	X	X		025 026
2	[redacted]-4-P4B				1440														X	X	X	X	X	X	X	X	X	X		027 28 28 01
3	[redacted]-4-P5A				1417														X	X	X	X	X	X	X	X	X	X		028 29 30 29
4	[redacted]-4-P5B				1420														X	X	X	X	X	X	X	X	X	X		030 31 32 04
5	[redacted]-4-P3C				1345														X	X	X	X	X	X	X	X	X	X		031 33 34 03
6	[redacted]-4-P7A				1345														X	X	X	X	X	X	X	X	X	X		033 35 36 03
7	[redacted]-4-P7B				1350														X	X	X	X	X	X	X	X	X	X		035 37 38 03
8	[redacted]-4-P6A				1400														X	X	X	X	X	X	X	X	X	X		037 39 40 03
9	[redacted]-4-P6B				1405														X	X	X	X	X	X	X	X	X	X		039 41 42 04
10	[redacted]-4-P5A				1415														X	X	X	X	X	X	X	X	X	X		~~TB04~~
11	[redacted]-4-P5B				1420														X	X	X	X	X	X	X	X	X	X		
12	[redacted]-4-P4A				1435														X	X	X	X	X	X	X	X	X	X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / URS	5/25/10	1910	[signature]	5-25	1000	6.0	Y	Y	N

TB046

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 004576

DIM0223739 DIM0223969

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	Analytical Parameters Requested													
		VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for ALL Petroleum Products
Soils															
P/F	[redacted] 1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted] 1	x	x	x		x				x	x		x		
P/F	[redacted] 2	x	x	x		x				x	x		x		
SL4D	[redacted] 5 - "P samples"													x	
P/F	[redacted] 5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted] 4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted] 0 - "P samples"													x	
P/F	[redacted] 3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted] 7	x	x	x		x				x	x		x		
SL4D	[redacted] 2 - "P samples"														
P/F + SL4D	[redacted] 2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted] 5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted] 6														x
P/F	[redacted] 7	x	x	x		x				x	x		x		
Water															
Ext	[redacted] 4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted] 6					x								x	

CABOT-EPA 004577

DIM0223739

DIM0223970

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS

Project # 3028366 SMB

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other

Tracking #: 860183989646 mastr # 865659961651

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other foam

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 6.0 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 5-26-10

Optional: Proj. Due Date: Proj. Name:

		Comments:
Chain of Custody Present:	☐Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☐Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☐No ☐N/A	10. 1 triplicate broke
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SC/AQ	☐Yes ☐No ☐N/A	12. lids differ from some of the labels
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13. samples duplicated on COC
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

[redacted] -2-P38 not on COC 5-25-10 1740

Project Manager Review: Date: 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 10, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028346

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLG
Pace Project No.: 3028346

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
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Illinois/PADEP Certification
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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028346001	[redacted]1-B1	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346002	[redacted]1-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346003	[redacted]1-B2	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346004	[redacted]1-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346005	[redacted]1-B1	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346006	[redacted]1-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346007	[redacted]1-B2	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346008	[redacted]1-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346009	[redacted]5-B1	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028346010	[redacted]5-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346011	[redacted]5-B2	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346012	[redacted]5-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346013	[redacted]7-B1	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346014	[redacted]7-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346015	[redacted]7-B2	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346016	[redacted]7-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346017	[redacted]5-B1	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346018	[redacted]5-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346019	[redacted]5-B2	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346020	[redacted]5-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346021	[redacted]5-B3	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346022	[redacted]5-B3 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346023	[redacted]5-B4	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346024	[redacted]5-B4 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346025	[redacted]2-B1	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346026	[redacted]2-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346027	[redacted]2-B2	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346028	[redacted]2-B2 ASTM	SM 5540C	DLD	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346029	[redacted]2-B1	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346030	[redacted]2-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346031	[redacted]2-B2	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346032	[redacted]2-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346033	[redacted]1-B1	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346034	[redacted]1-B1 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346035	[redacted]1-B2	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028346036	[redacted]1-B2 ASTM	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028346037	TRIP BLANK	EPA 8260	JAS	55	PASI-PA

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-1-B1 **Lab ID: 3028346001** Collected: 05/25/10 08:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11000**	mg/kg	10.5	1	05/30/10 15:59	06/03/10 10:20	7429-90-5	
Antimony	ND	mg/kg	0.52	1	05/30/10 15:59	06/03/10 10:20	7440-36-0	
Arsenic	**10.2**	mg/kg	0.52	1	05/30/10 15:59	06/03/10 10:20	7440-38-2	
Barium	**136**	mg/kg	2.1	1	05/30/10 15:59	06/03/10 10:20	7440-39-3	
Beryllium	**0.65**	mg/kg	0.21	1	05/30/10 15:59	06/03/10 10:20	7440-41-7	
Boron	**5.7**	mg/kg	5.2	1	05/30/10 15:59	06/03/10 10:20	7440-42-8	
Cadmium	ND	mg/kg	0.21	1	05/30/10 15:59	06/03/10 10:20	7440-43-9	
Calcium	**1350**	mg/kg	210	1	05/30/10 15:59	06/03/10 10:20	7440-70-2	
Chromium	**11.8**	mg/kg	0.52	1	05/30/10 15:59	06/03/10 10:20	7440-47-3	
Cobalt	**9.6**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:20	7440-48-4	
Copper	**13.2**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:20	7440-50-8	
Iron	**22800**	mg/kg	10.5	1	05/30/10 15:59	06/03/10 10:20	7439-89-6	
Lead	**9.2**	mg/kg	0.52	1	05/30/10 15:59	06/03/10 10:20	7439-92-1	
Magnesium	**3420**	mg/kg	52.4	1	05/30/10 15:59	06/03/10 10:20	7439-95-4	
Manganese	**519**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:20	7439-96-5	
Molybdenum	ND	mg/kg	2.1	1	05/30/10 15:59	06/03/10 10:20	7439-98-7	
Nickel	**17.8**	mg/kg	2.1	1	05/30/10 15:59	06/03/10 10:20	7440-02-0	
Potassium	**1790**	mg/kg	52.4	1	05/30/10 15:59	06/03/10 10:20	7440-09-7	
Selenium	ND	mg/kg	0.52	1	05/30/10 15:59	06/03/10 10:20	7782-49-2	
Silver	**0.52**	mg/kg	0.21	1	05/30/10 15:59	06/03/10 10:20	7440-22-4	
Sodium	ND	mg/kg	524	1	05/30/10 15:59	06/03/10 10:20	7440-23-5	
Thallium	ND	mg/kg	2.1	1	05/30/10 15:59	06/03/10 10:20	7440-28-0	
Vanadium	**12.2**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:20	7440-62-2	
Zinc	**50.2**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:20	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:29	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	208-96-8	
Anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	207-08-9	
Benzyl alcohol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	59-50-7	
4-Chloroaniline	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample [redacted]-1-B1 **Lab ID: 3028346001** Collected: 05/25/10 08:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	91-58-7	
2-Chlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	7005-72-3	
Chrysene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	117-81-7	
Fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	206-44-0	
Fluorene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	193-39-5	
Isophorone	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	735	1	06/02/10 20:36	06/06/10 15:04		
Naphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	91-20-3	
2-Nitroaniline	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	88-74-4	
3-Nitroaniline	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	99-09-2	
4-Nitroaniline	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	100-01-6	
Nitrobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	88-75-5	
4-Nitrophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	86-30-6	
Pentachlorophenol	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	87-86-5	
Phenanthrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	85-01-8	
Phenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	108-95-2	
Pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346001** Collected: 05/25/10 08:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	919	1	06/02/10 20:36	06/06/10 15:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 15:04	88-06-2	
Nitrobenzene-d5 (S)	105	%	35-114	1	06/02/10 20:36	06/06/10 15:04	4165-60-0	
2-Fluorobiphenyl (S)	94	%	43-116	1	06/02/10 20:36	06/06/10 15:04	321-60-8	
Terphenyl-d14 (S)	126	%	33-141	1	06/02/10 20:36	06/06/10 15:04	1718-51-0	
Phenol-d6 (S)	78	%	10-110	1	06/02/10 20:36	06/06/10 15:04	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/02/10 20:36	06/06/10 15:04	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-123	1	06/02/10 20:36	06/06/10 15:04	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	10.5	1		06/02/10 13:07	67-64-1	
Benzene	ND	ug/kg	5.2	1		06/02/10 13:07	71-43-2	
Bromodichloromethane	ND	ug/kg	5.2	1		06/02/10 13:07	75-27-4	
Bromoform	ND	ug/kg	5.2	1		06/02/10 13:07	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		06/02/10 13:07	74-83-9	
TOTAL BTEX	ND	ug/kg	31.4	1		06/02/10 13:07		
2-Butanone (MEK)	ND	ug/kg	10.5	1		06/02/10 13:07	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	135-98-8	
Carbon disulfide	ND	ug/kg	5.2	1		06/02/10 13:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		06/02/10 13:07	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		06/02/10 13:07	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	75-00-3	
Chloroform	ND	ug/kg	5.2	1		06/02/10 13:07	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		06/02/10 13:07	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	1		06/02/10 13:07	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		06/02/10 13:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		06/02/10 13:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		06/02/10 13:07	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.5	1		06/02/10 13:07	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.2	1		06/02/10 13:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/02/10 13:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/02/10 13:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		06/02/10 13:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/02/10 13:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/02/10 13:07	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	100-41-4	
2-Hexanone	ND	ug/kg	10.5	1		06/02/10 13:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		06/02/10 13:07	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		06/02/10 13:07	99-87-6	
Methylene Chloride	ND	ug/kg	5.2	1		06/02/10 13:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.5	1		06/02/10 13:07	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-1-B1 **Lab ID: 3028346001** Collected: 05/25/10 08:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		06/02/10 13:07	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		06/02/10 13:07	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	103-65-1	
Styrene	ND	ug/kg	5.2	1		06/02/10 13:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		06/02/10 13:07	127-18-4	
Toluene	ND	ug/kg	5.2	1		06/02/10 13:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		06/02/10 13:07	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		06/02/10 13:07	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		06/02/10 13:07	108-67-8	
Vinyl chloride	ND	ug/kg	5.2	1		06/02/10 13:07	75-01-4	
Xylene (Total)	ND	ug/kg	15.7	1		06/02/10 13:07	1330-20-7	
m&p-Xylene	ND	ug/kg	10.5	1		06/02/10 13:07	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		06/02/10 13:07	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 13:07	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/02/10 13:07	460-00-4	
1,2-Dichloroethane-d4 (S)	124	%	70-130	1		06/02/10 13:07	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/09/10 10:55		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.3	1		06/02/10 15:42	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**1-B1 ASTM** **Lab ID: 3028346002** Collected: 05/25/10 08:40 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:53	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-1-B2 **Lab ID: 3028346003** Collected: 05/25/10 09:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13100**	mg/kg	9.8	1	05/30/10 15:59	06/03/10 10:37	7429-90-5	
Antimony	ND	mg/kg	0.49	1	05/30/10 15:59	06/03/10 10:37	7440-36-0	
Arsenic	**3.5**	mg/kg	0.49	1	05/30/10 15:59	06/03/10 10:37	7440-38-2	
Barium	**84.1**	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:37	7440-39-3	
Beryllium	**0.81**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:37	7440-41-7	
Boron	**8.6**	mg/kg	4.9	1	05/30/10 15:59	06/03/10 10:37	7440-42-8	
Cadmium	**0.23**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:37	7440-43-9	
Calcium	**1010**	mg/kg	196	1	05/30/10 15:59	06/03/10 10:37	7440-70-2	
Chromium	**16.9**	mg/kg	0.49	1	05/30/10 15:59	06/03/10 10:37	7440-47-3	
Cobalt	**11.4**	mg/kg	0.98	1	05/30/10 15:59	06/03/10 10:37	7440-48-4	
Copper	**6.4**	mg/kg	0.98	1	05/30/10 15:59	06/03/10 10:37	7440-50-8	
Iron	**31700**	mg/kg	9.8	1	05/30/10 15:59	06/03/10 10:37	7439-89-6	
Lead	**4.9**	mg/kg	0.49	1	05/30/10 15:59	06/03/10 10:37	7439-92-1	
Magnesium	**4610**	mg/kg	49.1	1	05/30/10 15:59	06/03/10 10:37	7439-95-4	
Manganese	**410**	mg/kg	0.98	1	05/30/10 15:59	06/03/10 10:37	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:37	7439-98-7	
Nickel	**26.7**	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:37	7440-02-0	
Potassium	**2050**	mg/kg	49.1	1	05/30/10 15:59	06/03/10 10:37	7440-09-7	
Selenium	ND	mg/kg	0.49	1	05/30/10 15:59	06/03/10 10:37	7782-49-2	
Silver	**0.93**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:37	7440-22-4	
Sodium	ND	mg/kg	491	1	05/30/10 15:59	06/03/10 10:37	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:37	7440-28-0	
Vanadium	**16.8**	mg/kg	0.98	1	05/30/10 15:59	06/03/10 10:37	7440-62-2	
Zinc	**52.5**	mg/kg	0.98	1	05/30/10 15:59	06/03/10 10:37	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:37	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	208-96-8	
Anthracene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-1-B2 **Lab ID: 3028346003** Collected: 05/25/10 09:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	206-44-0	
Fluorene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	193-39-5	
Isophorone	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/02/10 20:36	06/06/10 16:11		
Naphthalene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	100-01-6	
Nitrobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	85-01-8	
Phenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	108-95-2	
Pyrene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346003** Collected: 05/25/10 09:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 16:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/02/10 20:36	06/06/10 16:11	88-06-2	
Nitrobenzene-d5 (S)	104	%	35-114	1	06/02/10 20:36	06/06/10 16:11	4165-60-0	
2-Fluorobiphenyl (S)	93	%	43-116	1	06/02/10 20:36	06/06/10 16:11	321-60-8	
Terphenyl-d14 (S)	118	%	33-141	1	06/02/10 20:36	06/06/10 16:11	1718-51-0	
Phenol-d6 (S)	89	%	10-110	1	06/02/10 20:36	06/06/10 16:11	13127-88-3	
2-Fluorophenol (S)	86	%	21-110	1	06/02/10 20:36	06/06/10 16:11	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-123	1	06/02/10 20:36	06/06/10 16:11	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	11.4	1		06/02/10 13:30	67-64-1	
Benzene	ND	ug/kg	5.7	1		06/02/10 13:30	71-43-2	
Bromodichloromethane	ND	ug/kg	5.7	1		06/02/10 13:30	75-27-4	
Bromoform	ND	ug/kg	5.7	1		06/02/10 13:30	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		06/02/10 13:30	74-83-9	
TOTAL BTEX	ND	ug/kg	34.1	1		06/02/10 13:30		
2-Butanone (MEK)	ND	ug/kg	11.4	1		06/02/10 13:30	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	135-98-8	
Carbon disulfide	ND	ug/kg	5.7	1		06/02/10 13:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		06/02/10 13:30	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		06/02/10 13:30	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	75-00-3	
Chloroform	ND	ug/kg	5.7	1		06/02/10 13:30	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		06/02/10 13:30	74-87-3	
Dibromochloromethane	ND	ug/kg	5.7	1		06/02/10 13:30	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		06/02/10 13:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		06/02/10 13:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		06/02/10 13:30	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.4	1		06/02/10 13:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.7	1		06/02/10 13:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		06/02/10 13:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		06/02/10 13:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		06/02/10 13:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		06/02/10 13:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		06/02/10 13:30	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	100-41-4	
2-Hexanone	ND	ug/kg	11.4	1		06/02/10 13:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		06/02/10 13:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		06/02/10 13:30	99-87-6	
Methylene Chloride	ND	ug/kg	5.7	1		06/02/10 13:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	1		06/02/10 13:30	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**-B2** **Lab ID: 3028346003** Collected: 05/25/10 09:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		06/02/10 13:30	1634-04-4	
Naphthalene	ND	ug/kg	5.7	1		06/02/10 13:30	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	103-65-1	
Styrene	ND	ug/kg	5.7	1		06/02/10 13:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		06/02/10 13:30	127-18-4	
Toluene	ND	ug/kg	5.7	1		06/02/10 13:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		06/02/10 13:30	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		06/02/10 13:30	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		06/02/10 13:30	108-67-8	
Vinyl chloride	ND	ug/kg	5.7	1		06/02/10 13:30	75-01-4	
Xylene (Total)	ND	ug/kg	17.0	1		06/02/10 13:30	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	1		06/02/10 13:30	179601-23-1	
o-Xylene	ND	ug/kg	5.7	1		06/02/10 13:30	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 13:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 13:30	460-00-4	
1,2-Dichloroethane-d4 (S)	129	%	70-130	1		06/02/10 13:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		06/09/10 10:57		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.3	1		06/02/10 15:43	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**1-B2 ASTM** **Lab ID: 3028346004** Collected: 05/25/10 09:05 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:55	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346005** Collected: 05/25/10 09:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13100**	mg/kg	6.9	1	05/30/10 15:59	06/03/10 10:40	7429-90-5	
Antimony	ND	mg/kg	0.35	1	05/30/10 15:59	06/03/10 10:40	7440-36-0	
Arsenic	**9.5**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 10:40	7440-38-2	
Barium	**185**	mg/kg	1.4	1	05/30/10 15:59	06/03/10 10:40	7440-39-3	
Beryllium	**0.69**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 10:40	7440-41-7	
Boron	**6.5**	mg/kg	3.5	1	05/30/10 15:59	06/03/10 10:40	7440-42-8	
Cadmium	**0.29**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 10:40	7440-43-9	
Calcium	**3320**	mg/kg	138	1	05/30/10 15:59	06/03/10 10:40	7440-70-2	
Chromium	**16.3**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 10:40	7440-47-3	
Cobalt	**11.8**	mg/kg	0.69	1	05/30/10 15:59	06/03/10 10:40	7440-48-4	
Copper	**16.4**	mg/kg	0.69	1	05/30/10 15:59	06/03/10 10:40	7440-50-8	
Iron	**25900**	mg/kg	6.9	1	05/30/10 15:59	06/03/10 10:40	7439-89-6	
Lead	**6.8**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 10:40	7439-92-1	
Magnesium	**5500**	mg/kg	34.6	1	05/30/10 15:59	06/03/10 10:40	7439-95-4	
Manganese	**532**	mg/kg	0.69	1	05/30/10 15:59	06/03/10 10:40	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 15:59	06/03/10 10:40	7439-98-7	
Nickel	**24.7**	mg/kg	1.4	1	05/30/10 15:59	06/03/10 10:40	7440-02-0	
Potassium	**1600**	mg/kg	34.6	1	05/30/10 15:59	06/03/10 10:40	7440-09-7	
Selenium	ND	mg/kg	0.35	1	05/30/10 15:59	06/03/10 10:40	7782-49-2	
Silver	**0.67**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 10:40	7440-22-4	
Sodium	ND	mg/kg	346	1	05/30/10 15:59	06/03/10 10:40	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 15:59	06/03/10 10:40	7440-28-0	
Vanadium	**14.0**	mg/kg	0.69	1	05/30/10 15:59	06/03/10 10:40	7440-62-2	
Zinc	**65.6**	mg/kg	0.69	1	05/30/10 15:59	06/03/10 10:40	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:38	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	83-32-9	
Acenaphthylene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	208-96-8	
Anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	120-12-7	
Benzo(a)anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	207-08-9	
Benzyl alcohol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	101-55-3	
Butylbenzylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	59-50-7	
4-Chloroaniline	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346005** Collected: 05/25/10 09:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	91-58-7	
2-Chlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	7005-72-3	
Chrysene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	53-70-3	
Dibenzofuran	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	120-83-2	
Diethylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	105-67-9	
Dimethylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	131-11-3	
Di-n-butylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	606-20-2	
Di-n-octylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	117-81-7	
Fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	206-44-0	
Fluorene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	87-68-3	
Hexachlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	77-47-4	
Hexachloroethane	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	193-39-5	
Isophorone	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	78-59-1	
2-Methylnaphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	692	1	06/02/10 20:36	06/06/10 16:33		
Naphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	91-20-3	
2-Nitroaniline	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	88-74-4	
3-Nitroaniline	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	99-09-2	
4-Nitroaniline	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	100-01-6	
Nitrobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	98-95-3	
2-Nitrophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	88-75-5	
4-Nitrophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	86-30-6	
Pentachlorophenol	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	87-86-5	
Phenanthrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	85-01-8	
Phenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	108-95-2	
Pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346005** Collected: 05/25/10 09:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	866	1	06/02/10 20:36	06/06/10 16:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 16:33	88-06-2	
Nitrobenzene-d5 (S)	105	%	35-114	1	06/02/10 20:36	06/06/10 16:33	4165-60-0	
2-Fluorobiphenyl (S)	99	%	43-116	1	06/02/10 20:36	06/06/10 16:33	321-60-8	
Terphenyl-d14 (S)	119	%	33-141	1	06/02/10 20:36	06/06/10 16:33	1718-51-0	
Phenol-d6 (S)	88	%	10-110	1	06/02/10 20:36	06/06/10 16:33	13127-88-3	
2-Fluorophenol (S)	85	%	21-110	1	06/02/10 20:36	06/06/10 16:33	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-123	1	06/02/10 20:36	06/06/10 16:33	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	107	ug/kg	13.4	1		06/02/10 13:52	67-64-1	
Benzene	ND	ug/kg	6.7	1		06/02/10 13:52	71-43-2	
Bromodichloromethane	ND	ug/kg	6.7	1		06/02/10 13:52	75-27-4	
Bromoform	ND	ug/kg	6.7	1		06/02/10 13:52	75-25-2	
Bromomethane	ND	ug/kg	6.7	1		06/02/10 13:52	74-83-9	
TOTAL BTEX	ND	ug/kg	40.1	1		06/02/10 13:52		
2-Butanone (MEK)	ND	ug/kg	13.4	1		06/02/10 13:52	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	135-98-8	
Carbon disulfide	ND	ug/kg	6.7	1		06/02/10 13:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.7	1		06/02/10 13:52	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	1		06/02/10 13:52	108-90-7	
Chloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	75-00-3	
Chloroform	ND	ug/kg	6.7	1		06/02/10 13:52	67-66-3	
Chloromethane	ND	ug/kg	6.7	1		06/02/10 13:52	74-87-3	
Dibromochloromethane	ND	ug/kg	6.7	1		06/02/10 13:52	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.7	1		06/02/10 13:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.7	1		06/02/10 13:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	1		06/02/10 13:52	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.4	1		06/02/10 13:52	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.7	1		06/02/10 13:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/02/10 13:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/02/10 13:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	1		06/02/10 13:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/02/10 13:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/02/10 13:52	10061-02-6	
Ethylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	100-41-4	
2-Hexanone	ND	ug/kg	13.4	1		06/02/10 13:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	1		06/02/10 13:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.7	1		06/02/10 13:52	99-87-6	
Methylene Chloride	ND	ug/kg	6.7	1		06/02/10 13:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	1		06/02/10 13:52	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346005** Collected: 05/25/10 09:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.7	1		06/02/10 13:52	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1		06/02/10 13:52	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	103-65-1	
Styrene	ND	ug/kg	6.7	1		06/02/10 13:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	1		06/02/10 13:52	127-18-4	
Toluene	ND	ug/kg	6.7	1		06/02/10 13:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	1		06/02/10 13:52	79-00-5	
Trichloroethene	ND	ug/kg	6.7	1		06/02/10 13:52	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	1		06/02/10 13:52	108-67-8	
Vinyl chloride	ND	ug/kg	6.7	1		06/02/10 13:52	75-01-4	
Xylene (Total)	ND	ug/kg	20.0	1		06/02/10 13:52	1330-20-7	
m&p-Xylene	ND	ug/kg	13.4	1		06/02/10 13:52	179601-23-1	
o-Xylene	ND	ug/kg	6.7	1		06/02/10 13:52	95-47-6	
Toluene-d8 (S)	104	%	70-130	1		06/02/10 13:52	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/02/10 13:52	460-00-4	
1,2-Dichloroethane-d4 (S)	130	%	70-130	1		06/02/10 13:52	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.8**	%	0.10	1		06/09/10 10:58		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**15.0**	mg/kg	5.2	1		06/02/10 15:44	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**1-B1 ASTM** **Lab ID: 3028346006** Collected: 05/25/10 09:50 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	**0.13**	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:56	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346007** Collected: 05/25/10 10:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12100**	mg/kg	7.8	1	05/30/10 15:59	06/03/10 10:43	7429-90-5	
Antimony	ND	mg/kg	0.39	1	05/30/10 15:59	06/03/10 10:43	7440-36-0	
Arsenic	**3.9**	mg/kg	0.39	1	05/30/10 15:59	06/03/10 10:43	7440-38-2	
Barium	**142**	mg/kg	1.6	1	05/30/10 15:59	06/03/10 10:43	7440-39-3	
Beryllium	**0.60**	mg/kg	0.16	1	05/30/10 15:59	06/03/10 10:43	7440-41-7	
Boron	**7.1**	mg/kg	3.9	1	05/30/10 15:59	06/03/10 10:43	7440-42-8	
Cadmium	**0.27**	mg/kg	0.16	1	05/30/10 15:59	06/03/10 10:43	7440-43-9	
Calcium	**1560**	mg/kg	157	1	05/30/10 15:59	06/03/10 10:43	7440-70-2	
Chromium	**16.6**	mg/kg	0.39	1	05/30/10 15:59	06/03/10 10:43	7440-47-3	
Cobalt	**11.1**	mg/kg	0.78	1	05/30/10 15:59	06/03/10 10:43	7440-48-4	
Copper	**8.1**	mg/kg	0.78	1	05/30/10 15:59	06/03/10 10:43	7440-50-8	
Iron	**26300**	mg/kg	7.8	1	05/30/10 15:59	06/03/10 10:43	7439-89-6	
Lead	**2.8**	mg/kg	0.39	1	05/30/10 15:59	06/03/10 10:43	7439-92-1	
Magnesium	**4970**	mg/kg	39.2	1	05/30/10 15:59	06/03/10 10:43	7439-95-4	
Manganese	**402**	mg/kg	0.78	1	05/30/10 15:59	06/03/10 10:43	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	05/30/10 15:59	06/03/10 10:43	7439-98-7	
Nickel	**23.1**	mg/kg	1.6	1	05/30/10 15:59	06/03/10 10:43	7440-02-0	
Potassium	**1660**	mg/kg	39.2	1	05/30/10 15:59	06/03/10 10:43	7440-09-7	
Selenium	**0.48**	mg/kg	0.39	1	05/30/10 15:59	06/03/10 10:43	7782-49-2	
Silver	**0.88**	mg/kg	0.16	1	05/30/10 15:59	06/03/10 10:43	7440-22-4	
Sodium	ND	mg/kg	392	1	05/30/10 15:59	06/03/10 10:43	7440-23-5	
Thallium	ND	mg/kg	1.6	1	05/30/10 15:59	06/03/10 10:43	7440-28-0	
Vanadium	**15.1**	mg/kg	0.78	1	05/30/10 15:59	06/03/10 10:43	7440-62-2	
Zinc	**55.0**	mg/kg	0.78	1	05/30/10 15:59	06/03/10 10:43	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:40	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	83-32-9	
Acenaphthylene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	208-96-8	
Anthracene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	207-08-9	
Benzyl alcohol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	101-55-3	
Butylbenzylphthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	59-50-7	
4-Chloroaniline	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346007** Collected: 05/25/10 10:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	91-58-7	
2-Chlorophenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	7005-72-3	
Chrysene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	53-70-3	
Dibenzofuran	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	120-83-2	
Diethylphthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	105-67-9	
Dimethylphthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	117-81-7	
Fluoranthene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	206-44-0	
Fluorene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	77-47-4	
Hexachloroethane	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	193-39-5	
Isophorone	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	78-59-1	
2-Methylnaphthalene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	699	1	06/02/10 20:36	06/06/10 16:55		
Naphthalene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	91-20-3	
2-Nitroaniline	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	88-74-4	
3-Nitroaniline	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	99-09-2	
4-Nitroaniline	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	100-01-6	
Nitrobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	98-95-3	
2-Nitrophenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	88-75-5	
4-Nitrophenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	86-30-6	
Pentachlorophenol	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	87-86-5	
Phenanthrene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	85-01-8	
Phenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	108-95-2	
Pyrene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346007** Collected: 05/25/10 10:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	874	1	06/02/10 20:36	06/06/10 16:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	349	1	06/02/10 20:36	06/06/10 16:55	88-06-2	
Nitrobenzene-d5 (S)	97	%	35-114	1	06/02/10 20:36	06/06/10 16:55	4165-60-0	
2-Fluorobiphenyl (S)	101	%	43-116	1	06/02/10 20:36	06/06/10 16:55	321-60-8	
Terphenyl-d14 (S)	124	%	33-141	1	06/02/10 20:36	06/06/10 16:55	1718-51-0	
Phenol-d6 (S)	99	%	10-110	1	06/02/10 20:36	06/06/10 16:55	13127-88-3	
2-Fluorophenol (S)	101	%	21-110	1	06/02/10 20:36	06/06/10 16:55	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-123	1	06/02/10 20:36	06/06/10 16:55	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	225	ug/kg	16.6	1		06/06/10 19:24	67-64-1	
Benzene	ND	ug/kg	8.3	1		06/06/10 19:24	71-43-2	
Bromodichloromethane	ND	ug/kg	8.3	1		06/06/10 19:24	75-27-4	
Bromoform	ND	ug/kg	8.3	1		06/06/10 19:24	75-25-2	
Bromomethane	ND	ug/kg	8.3	1		06/06/10 19:24	74-83-9	
TOTAL BTEX	ND	ug/kg	49.7	1		06/06/10 19:24		
2-Butanone (MEK)	ND	ug/kg	16.6	1		06/06/10 19:24	78-93-3	
n-Butylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	135-98-8	
Carbon disulfide	ND	ug/kg	8.3	1		06/06/10 19:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.3	1		06/06/10 19:24	56-23-5	
Chlorobenzene	ND	ug/kg	8.3	1		06/06/10 19:24	108-90-7	
Chloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	75-00-3	
Chloroform	ND	ug/kg	8.3	1		06/06/10 19:24	67-66-3	
Chloromethane	ND	ug/kg	8.3	1		06/06/10 19:24	74-87-3	
Dibromochloromethane	ND	ug/kg	8.3	1		06/06/10 19:24	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	8.3	1		06/06/10 19:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.3	1		06/06/10 19:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.3	1		06/06/10 19:24	106-46-7	
1,1-Dichloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.6	1		06/06/10 19:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	8.3	1		06/06/10 19:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.3	1		06/06/10 19:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.3	1		06/06/10 19:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.3	1		06/06/10 19:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.3	1		06/06/10 19:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.3	1		06/06/10 19:24	10061-02-6	
Ethylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	100-41-4	
2-Hexanone	ND	ug/kg	16.6	1		06/06/10 19:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.3	1		06/06/10 19:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.3	1		06/06/10 19:24	99-87-6	
Methylene Chloride	ND	ug/kg	8.3	1		06/06/10 19:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.6	1		06/06/10 19:24	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346007** Collected: 05/25/10 10:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	8.3	1		06/06/10 19:24	1634-04-4	
Naphthalene	ND	ug/kg	8.3	1		06/06/10 19:24	91-20-3	
n-Propylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	103-65-1	
Styrene	ND	ug/kg	8.3	1		06/06/10 19:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	79-34-5	
Tetrachloroethene	ND	ug/kg	8.3	1		06/06/10 19:24	127-18-4	
Toluene	ND	ug/kg	8.3	1		06/06/10 19:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.3	1		06/06/10 19:24	79-00-5	
Trichloroethene	ND	ug/kg	8.3	1		06/06/10 19:24	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.3	1		06/06/10 19:24	108-67-8	
Vinyl chloride	ND	ug/kg	8.3	1		06/06/10 19:24	75-01-4	
Xylene (Total)	ND	ug/kg	24.8	1		06/06/10 19:24	1330-20-7	
m&p-Xylene	ND	ug/kg	16.6	1		06/06/10 19:24	179601-23-1	
o-Xylene	ND	ug/kg	8.3	1		06/06/10 19:24	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/06/10 19:24	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130	1		06/06/10 19:24	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/06/10 19:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.2**	%	0.10	1		06/09/10 10:58		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/02/10 15:44	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 ASTM **Lab ID: 3028346008** Collected: 05/25/10 10:00 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.0**	mg/L	3.0	1		05/28/10 15:56	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346009** Collected: 05/25/10 10:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11200**	mg/kg	6.7	1	05/30/10 15:59	06/03/10 10:46	7429-90-5	
Antimony	ND	mg/kg	0.34	1	05/30/10 15:59	06/03/10 10:46	7440-36-0	
Arsenic	**14.1**	mg/kg	0.34	1	05/30/10 15:59	06/03/10 10:46	7440-38-2	
Barium	**154**	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:46	7440-39-3	
Beryllium	**0.71**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:46	7440-41-7	
Boron	**7.8**	mg/kg	3.4	1	05/30/10 15:59	06/03/10 10:46	7440-42-8	
Cadmium	**0.47**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:46	7440-43-9	
Calcium	**2580**	mg/kg	135	1	05/30/10 15:59	06/03/10 10:46	7440-70-2	
Chromium	**13.9**	mg/kg	0.34	1	05/30/10 15:59	06/03/10 10:46	7440-47-3	
Cobalt	**12.5**	mg/kg	0.67	1	05/30/10 15:59	06/03/10 10:46	7440-48-4	
Copper	**27.4**	mg/kg	0.67	1	05/30/10 15:59	06/03/10 10:46	7440-50-8	
Iron	**24800**	mg/kg	6.7	1	05/30/10 15:59	06/03/10 10:46	7439-89-6	
Lead	**14.0**	mg/kg	0.34	1	05/30/10 15:59	06/03/10 10:46	7439-92-1	
Magnesium	**4780**	mg/kg	33.6	1	05/30/10 15:59	06/03/10 10:46	7439-95-4	
Manganese	**592**	mg/kg	0.67	1	05/30/10 15:59	06/03/10 10:46	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:46	7439-98-7	
Nickel	**22.3**	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:46	7440-02-0	
Potassium	**2110**	mg/kg	33.6	1	05/30/10 15:59	06/03/10 10:46	7440-09-7	
Selenium	ND	mg/kg	0.34	1	05/30/10 15:59	06/03/10 10:46	7782-49-2	
Silver	**0.85**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:46	7440-22-4	
Sodium	ND	mg/kg	336	1	05/30/10 15:59	06/03/10 10:46	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:46	7440-28-0	
Vanadium	**14.0**	mg/kg	0.67	1	05/30/10 15:59	06/03/10 10:46	7440-62-2	
Zinc	**66.8**	mg/kg	0.67	1	05/30/10 15:59	06/03/10 10:46	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:42	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	83-32-9	
Acenaphthylene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	208-96-8	
Anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	207-08-9	
Benzyl alcohol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	59-50-7	
4-Chloroaniline	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346009** Collected: 05/25/10 10:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	91-58-7	
2-Chlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	7005-72-3	
Chrysene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	53-70-3	
Dibenzofuran	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	120-83-2	
Diethylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	105-67-9	
Dimethylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	117-81-7	
Fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	206-44-0	
Fluorene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	77-47-4	
Hexachloroethane	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	193-39-5	
Isophorone	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	78-59-1	
2-Methylnaphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	683	1	06/02/10 20:36	06/06/10 17:18		
Naphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	91-20-3	
2-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	88-74-4	
3-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	99-09-2	
4-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	100-01-6	
Nitrobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	98-95-3	
2-Nitrophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	88-75-5	
4-Nitrophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	86-30-6	
Pentachlorophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	87-86-5	
Phenanthrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	85-01-8	
Phenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	108-95-2	
Pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346009** Collected: 05/25/10 10:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 17:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 17:18	88-06-2	
Nitrobenzene-d5 (S)	95	%	35-114	1	06/02/10 20:36	06/06/10 17:18	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/02/10 20:36	06/06/10 17:18	321-60-8	
Terphenyl-d14 (S)	108	%	33-141	1	06/02/10 20:36	06/06/10 17:18	1718-51-0	
Phenol-d6 (S)	80	%	10-110	1	06/02/10 20:36	06/06/10 17:18	13127-88-3	
2-Fluorophenol (S)	79	%	21-110	1	06/02/10 20:36	06/06/10 17:18	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-123	1	06/02/10 20:36	06/06/10 17:18	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**17.5**	ug/kg	14.0	1		06/02/10 14:37	67-64-1	
Benzene	ND	ug/kg	7.0	1		06/02/10 14:37	71-43-2	
Bromodichloromethane	ND	ug/kg	7.0	1		06/02/10 14:37	75-27-4	
Bromoform	ND	ug/kg	7.0	1		06/02/10 14:37	75-25-2	
Bromomethane	ND	ug/kg	7.0	1		06/02/10 14:37	74-83-9	
TOTAL BTEX	ND	ug/kg	41.9	1		06/02/10 14:37		
2-Butanone (MEK)	ND	ug/kg	14.0	1		06/02/10 14:37	78-93-3	
n-Butylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	135-98-8	
Carbon disulfide	ND	ug/kg	7.0	1		06/02/10 14:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.0	1		06/02/10 14:37	56-23-5	
Chlorobenzene	ND	ug/kg	7.0	1		06/02/10 14:37	108-90-7	
Chloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	75-00-3	
Chloroform	ND	ug/kg	7.0	1		06/02/10 14:37	67-66-3	
Chloromethane	ND	ug/kg	7.0	1		06/02/10 14:37	74-87-3	
Dibromochloromethane	ND	ug/kg	7.0	1		06/02/10 14:37	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	7.0	1		06/02/10 14:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.0	1		06/02/10 14:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.0	1		06/02/10 14:37	106-46-7	
1,1-Dichloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	14.0	1		06/02/10 14:37	540-59-0	
1,1-Dichloroethene	ND	ug/kg	7.0	1		06/02/10 14:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.0	1		06/02/10 14:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.0	1		06/02/10 14:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.0	1		06/02/10 14:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.0	1		06/02/10 14:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.0	1		06/02/10 14:37	10061-02-6	
Ethylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	100-41-4	
2-Hexanone	ND	ug/kg	14.0	1		06/02/10 14:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.0	1		06/02/10 14:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.0	1		06/02/10 14:37	99-87-6	
Methylene Chloride	ND	ug/kg	7.0	1		06/02/10 14:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	14.0	1		06/02/10 14:37	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-5-B1 **Lab ID: 3028346009** Collected: 05/25/10 10:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	7.0	1		06/02/10 14:37	1634-04-4	
Naphthalene	ND	ug/kg	7.0	1		06/02/10 14:37	91-20-3	
n-Propylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	103-65-1	
Styrene	ND	ug/kg	7.0	1		06/02/10 14:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	79-34-5	
Tetrachloroethene	ND	ug/kg	7.0	1		06/02/10 14:37	127-18-4	
Toluene	ND	ug/kg	7.0	1		06/02/10 14:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.0	1		06/02/10 14:37	79-00-5	
Trichloroethene	ND	ug/kg	7.0	1		06/02/10 14:37	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.0	1		06/02/10 14:37	108-67-8	
Vinyl chloride	ND	ug/kg	7.0	1		06/02/10 14:37	75-01-4	
Xylene (Total)	ND	ug/kg	20.9	1		06/02/10 14:37	1330-20-7	
m&p-Xylene	ND	ug/kg	14.0	1		06/02/10 14:37	179601-23-1	
o-Xylene	ND	ug/kg	7.0	1		06/02/10 14:37	95-47-6	
Toluene-d8 (S)	100	%	70-130	1		06/02/10 14:37	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		06/02/10 14:37	460-00-4	
1,2-Dichloroethane-d4 (S)	131	%	70-130	1		06/02/10 14:37	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.7**	%	0.10	1		06/09/10 13:09		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.7**	mg/kg	5.0	1		06/02/10 15:45	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 ASTM **Lab ID: 3028346010** Collected: 05/25/10 10:40 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:57	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346011** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**10400**	mg/kg	10.1	1	05/30/10 15:59	06/03/10 10:49	7429-90-5	
Antimony	ND	mg/kg	0.50	1	05/30/10 15:59	06/03/10 10:49	7440-36-0	
Arsenic	**9.3**	mg/kg	0.50	1	05/30/10 15:59	06/03/10 10:49	7440-38-2	
Barium	**106**	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:49	7440-39-3	
Beryllium	**0.52**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:49	7440-41-7	
Boron	**6.8**	mg/kg	5.0	1	05/30/10 15:59	06/03/10 10:49	7440-42-8	
Cadmium	**0.32**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:49	7440-43-9	
Calcium	**2140**	mg/kg	201	1	05/30/10 15:59	06/03/10 10:49	7440-70-2	
Chromium	**12.4**	mg/kg	0.50	1	05/30/10 15:59	06/03/10 10:49	7440-47-3	
Cobalt	**10.2**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:49	7440-48-4	
Copper	**10.8**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:49	7440-50-8	
Iron	**20800**	mg/kg	10.1	1	05/30/10 15:59	06/03/10 10:49	7439-89-6	
Lead	**9.0**	mg/kg	0.50	1	05/30/10 15:59	06/03/10 10:49	7439-92-1	
Magnesium	**3910**	mg/kg	50.3	1	05/30/10 15:59	06/03/10 10:49	7439-95-4	
Manganese	**619**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:49	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:49	7439-98-7	
Nickel	**19.3**	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:49	7440-02-0	
Potassium	**1590**	mg/kg	50.3	1	05/30/10 15:59	06/03/10 10:49	7440-09-7	
Selenium	ND	mg/kg	0.50	1	05/30/10 15:59	06/03/10 10:49	7782-49-2	
Silver	**0.81**	mg/kg	0.20	1	05/30/10 15:59	06/03/10 10:49	7440-22-4	
Sodium	ND	mg/kg	503	1	05/30/10 15:59	06/03/10 10:49	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 15:59	06/03/10 10:49	7440-28-0	
Vanadium	**12.8**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:49	7440-62-2	
Zinc	**50.9**	mg/kg	1.0	1	05/30/10 15:59	06/03/10 10:49	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:43	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	83-32-9	
Acenaphthylene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	208-96-8	
Anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	120-12-7	
Benzo(a)anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	207-08-9	
Benzyl alcohol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	101-55-3	
Butylbenzylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	59-50-7	
4-Chloroaniline	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346011** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	91-58-7	
2-Chlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	7005-72-3	
Chrysene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	53-70-3	
Dibenzofuran	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	120-83-2	
Diethylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	105-67-9	
Dimethylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	117-81-7	
Fluoranthene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	206-44-0	
Fluorene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	77-47-4	
Hexachloroethane	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	193-39-5	
Isophorone	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	78-59-1	
2-Methylnaphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	692	1	06/02/10 20:36	06/06/10 17:40		
Naphthalene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	91-20-3	
2-Nitroaniline	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	88-74-4	
3-Nitroaniline	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	99-09-2	
4-Nitroaniline	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	100-01-6	
Nitrobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	98-95-3	
2-Nitrophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	88-75-5	
4-Nitrophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	86-30-6	
Pentachlorophenol	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	87-86-5	
Phenanthrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	85-01-8	
Phenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	108-95-2	
Pyrene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-5-B2 **Lab ID: 3028346011** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	865	1	06/02/10 20:36	06/06/10 17:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	346	1	06/02/10 20:36	06/06/10 17:40	88-06-2	
Nitrobenzene-d5 (S)	88	%	35-114	1	06/02/10 20:36	06/06/10 17:40	4165-60-0	
2-Fluorobiphenyl (S)	73	%	43-116	1	06/02/10 20:36	06/06/10 17:40	321-60-8	
Terphenyl-d14 (S)	80	%	33-141	1	06/02/10 20:36	06/06/10 17:40	1718-51-0	
Phenol-d6 (S)	80	%	10-110	1	06/02/10 20:36	06/06/10 17:40	13127-88-3	
2-Fluorophenol (S)	85	%	21-110	1	06/02/10 20:36	06/06/10 17:40	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-123	1	06/02/10 20:36	06/06/10 17:40	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**91.5**	ug/kg	11.8	1		06/02/10 15:00	67-64-1	
Benzene	ND	ug/kg	5.9	1		06/02/10 15:00	71-43-2	
Bromodichloromethane	ND	ug/kg	5.9	1		06/02/10 15:00	75-27-4	
Bromoform	ND	ug/kg	5.9	1		06/02/10 15:00	75-25-2	
Bromomethane	ND	ug/kg	5.9	1		06/02/10 15:00	74-83-9	
TOTAL BTEX	ND	ug/kg	35.3	1		06/02/10 15:00		
2-Butanone (MEK)	ND	ug/kg	11.8	1		06/02/10 15:00	78-93-3	
n-Butylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	135-98-8	
Carbon disulfide	ND	ug/kg	5.9	1		06/02/10 15:00	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.9	1		06/02/10 15:00	56-23-5	
Chlorobenzene	ND	ug/kg	5.9	1		06/02/10 15:00	108-90-7	
Chloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	75-00-3	
Chloroform	ND	ug/kg	5.9	1		06/02/10 15:00	67-66-3	
Chloromethane	ND	ug/kg	5.9	1		06/02/10 15:00	74-87-3	
Dibromochloromethane	ND	ug/kg	5.9	1		06/02/10 15:00	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.9	1		06/02/10 15:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.9	1		06/02/10 15:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.9	1		06/02/10 15:00	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.8	1		06/02/10 15:00	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.9	1		06/02/10 15:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.9	1		06/02/10 15:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.9	1		06/02/10 15:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.9	1		06/02/10 15:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.9	1		06/02/10 15:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.9	1		06/02/10 15:00	10061-02-6	
Ethylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	100-41-4	
2-Hexanone	ND	ug/kg	11.8	1		06/02/10 15:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	1		06/02/10 15:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.9	1		06/02/10 15:00	99-87-6	
Methylene Chloride	ND	ug/kg	5.9	1		06/02/10 15:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.8	1		06/02/10 15:00	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346011** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.9	1		06/02/10 15:00	1634-04-4	
Naphthalene	ND	ug/kg	5.9	1		06/02/10 15:00	91-20-3	
n-Propylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	103-65-1	
Styrene	ND	ug/kg	5.9	1		06/02/10 15:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	79-34-5	
Tetrachloroethene	ND	ug/kg	5.9	1		06/02/10 15:00	127-18-4	
Toluene	ND	ug/kg	5.9	1		06/02/10 15:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.9	1		06/02/10 15:00	79-00-5	
Trichloroethene	ND	ug/kg	5.9	1		06/02/10 15:00	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	1		06/02/10 15:00	108-67-8	
Vinyl chloride	ND	ug/kg	5.9	1		06/02/10 15:00	75-01-4	
Xylene (Total)	ND	ug/kg	17.6	1		06/02/10 15:00	1330-20-7	
m&p-Xylene	ND	ug/kg	11.8	1		06/02/10 15:00	179601-23-1	
o-Xylene	ND	ug/kg	5.9	1		06/02/10 15:00	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 15:00	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/10 15:00	460-00-4	
1,2-Dichloroethane-d4 (S)	132	%	70-130	1		06/02/10 15:00	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.3**	%	0.10	1		06/09/10 13:11		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**11.2**	mg/kg	5.3	1		06/02/10 15:46	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 ASTM **Lab ID: 3028346012** Collected: 05/25/10 10:50 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:58	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B1 **Lab ID: 3028346013** Collected: 05/25/10 11:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11500**	mg/kg	7.5	1	05/30/10 15:59	06/03/10 10:51	7429-90-5	
Antimony	ND	mg/kg	0.38	1	05/30/10 15:59	06/03/10 10:51	7440-36-0	
Arsenic	**7.8**	mg/kg	0.38	1	05/30/10 15:59	06/03/10 10:51	7440-38-2	
Barium	**85.9**	mg/kg	1.5	1	05/30/10 15:59	06/03/10 10:51	7440-39-3	
Beryllium	**0.58**	mg/kg	0.15	1	05/30/10 15:59	06/03/10 10:51	7440-41-7	
Boron	**6.7**	mg/kg	3.8	1	05/30/10 15:59	06/03/10 10:51	7440-42-8	
Cadmium	**0.37**	mg/kg	0.15	1	05/30/10 15:59	06/03/10 10:51	7440-43-9	
Calcium	**1400**	mg/kg	150	1	05/30/10 15:59	06/03/10 10:51	7440-70-2	
Chromium	**13.1**	mg/kg	0.38	1	05/30/10 15:59	06/03/10 10:51	7440-47-3	
Cobalt	**10.8**	mg/kg	0.75	1	05/30/10 15:59	06/03/10 10:51	7440-48-4	
Copper	**11.9**	mg/kg	0.75	1	05/30/10 15:59	06/03/10 10:51	7440-50-8	
Iron	**23600**	mg/kg	7.5	1	05/30/10 15:59	06/03/10 10:51	7439-89-6	
Lead	**5.6**	mg/kg	0.38	1	05/30/10 15:59	06/03/10 10:51	7439-92-1	
Magnesium	**4260**	mg/kg	37.5	1	05/30/10 15:59	06/03/10 10:51	7439-95-4	
Manganese	**995**	mg/kg	0.75	1	05/30/10 15:59	06/03/10 10:51	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 15:59	06/03/10 10:51	7439-98-7	
Nickel	**20.0**	mg/kg	1.5	1	05/30/10 15:59	06/03/10 10:51	7440-02-0	
Potassium	**1460**	mg/kg	37.5	1	05/30/10 15:59	06/03/10 10:51	7440-09-7	
Selenium	ND	mg/kg	0.38	1	05/30/10 15:59	06/03/10 10:51	7782-49-2	
Silver	**0.79**	mg/kg	0.15	1	05/30/10 15:59	06/03/10 10:51	7440-22-4	
Sodium	ND	mg/kg	375	1	05/30/10 15:59	06/03/10 10:51	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 15:59	06/03/10 10:51	7440-28-0	
Vanadium	**12.9**	mg/kg	0.75	1	05/30/10 15:59	06/03/10 10:51	7440-62-2	
Zinc	**52.1**	mg/kg	0.75	1	05/30/10 15:59	06/03/10 10:51	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:45	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	83-32-9	
Acenaphthylene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	208-96-8	
Anthracene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	120-12-7	
Benzo(a)anthracene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	56-55-3	
Benzo(a)pyrene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	207-08-9	
Benzyl alcohol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	59-50-7	
4-Chloroaniline	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-7-B1 **Lab ID: 3028346013** Collected: 05/25/10 11:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	91-58-7	
2-Chlorophenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	7005-72-3	
Chrysene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	53-70-3	
Dibenzofuran	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	120-83-2	
Diethylphthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	105-67-9	
Dimethylphthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	117-81-7	
Fluoranthene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	206-44-0	
Fluorene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	87-68-3	
Hexachlorobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	77-47-4	
Hexachloroethane	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	193-39-5	
Isophorone	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	78-59-1	
2-Methylnaphthalene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	717	1	06/02/10 20:36	06/06/10 18:02		
Naphthalene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	91-20-3	
2-Nitroaniline	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	88-74-4	
3-Nitroaniline	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	99-09-2	
4-Nitroaniline	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	100-01-6	
Nitrobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	98-95-3	
2-Nitrophenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	88-75-5	
4-Nitrophenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	86-30-6	
Pentachlorophenol	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	87-86-5	
Phenanthrene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	85-01-8	
Phenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	108-95-2	
Pyrene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B1 **Lab ID: 3028346013** Collected: 05/25/10 11:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	897	1	06/02/10 20:36	06/06/10 18:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	359	1	06/02/10 20:36	06/06/10 18:02	88-06-2	
Nitrobenzene-d5 (S)	97	%	35-114	1	06/02/10 20:36	06/06/10 18:02	4165-60-0	
2-Fluorobiphenyl (S)	96	%	43-116	1	06/02/10 20:36	06/06/10 18:02	321-60-8	
Terphenyl-d14 (S)	117	%	33-141	1	06/02/10 20:36	06/06/10 18:02	1718-51-0	
Phenol-d6 (S)	97	%	10-110	1	06/02/10 20:36	06/06/10 18:02	13127-88-3	
2-Fluorophenol (S)	93	%	21-110	1	06/02/10 20:36	06/06/10 18:02	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-123	1	06/02/10 20:36	06/06/10 18:02	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**35.6**	ug/kg	13.6	1		06/02/10 15:23	67-64-1	
Benzene	ND	ug/kg	6.8	1		06/02/10 15:23	71-43-2	
Bromodichloromethane	ND	ug/kg	6.8	1		06/02/10 15:23	75-27-4	
Bromoform	ND	ug/kg	6.8	1		06/02/10 15:23	75-25-2	
Bromomethane	ND	ug/kg	6.8	1		06/02/10 15:23	74-83-9	
TOTAL BTEX	ND	ug/kg	40.9	1		06/02/10 15:23		
2-Butanone (MEK)	ND	ug/kg	13.6	1		06/02/10 15:23	78-93-3	
n-Butylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	135-98-8	
Carbon disulfide	ND	ug/kg	6.8	1		06/02/10 15:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.8	1		06/02/10 15:23	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1		06/02/10 15:23	108-90-7	
Chloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	75-00-3	
Chloroform	ND	ug/kg	6.8	1		06/02/10 15:23	67-66-3	
Chloromethane	ND	ug/kg	6.8	1		06/02/10 15:23	74-87-3	
Dibromochloromethane	ND	ug/kg	6.8	1		06/02/10 15:23	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.8	1		06/02/10 15:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	1		06/02/10 15:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1		06/02/10 15:23	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.6	1		06/02/10 15:23	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.8	1		06/02/10 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	1		06/02/10 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	1		06/02/10 15:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	1		06/02/10 15:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1		06/02/10 15:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	1		06/02/10 15:23	10061-02-6	
Ethylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	100-41-4	
2-Hexanone	ND	ug/kg	13.6	1		06/02/10 15:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	1		06/02/10 15:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.8	1		06/02/10 15:23	99-87-6	
Methylene Chloride	ND	ug/kg	6.8	1		06/02/10 15:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.6	1		06/02/10 15:23	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B1 **Lab ID: 3028346013** Collected: 05/25/10 11:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.8	1		06/02/10 15:23	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1		06/02/10 15:23	91-20-3	
n-Propylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	103-65-1	
Styrene	ND	ug/kg	6.8	1		06/02/10 15:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	1		06/02/10 15:23	127-18-4	
Toluene	ND	ug/kg	6.8	1		06/02/10 15:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	1		06/02/10 15:23	79-00-5	
Trichloroethene	ND	ug/kg	6.8	1		06/02/10 15:23	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	1		06/02/10 15:23	108-67-8	
Vinyl chloride	ND	ug/kg	6.8	1		06/02/10 15:23	75-01-4	
Xylene (Total)	ND	ug/kg	20.5	1		06/02/10 15:23	1330-20-7	
m&p-Xylene	ND	ug/kg	13.6	1		06/02/10 15:23	179601-23-1	
o-Xylene	ND	ug/kg	6.8	1		06/02/10 15:23	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 15:23	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/10 15:23	460-00-4	
1,2-Dichloroethane-d4 (S)	137	%	70-130	1		06/02/10 15:23	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.4**	%	0.10	1		06/09/10 13:13		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**12.1**	mg/kg	5.4	1		06/02/10 15:47	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B1 ASTM **Lab ID: 3028346014** Collected: 05/25/10 11:15 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:58	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B2 **Lab ID: 3028346015** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**8990**	mg/kg	6.4	1	05/30/10 15:59	06/03/10 10:54	7429-90-5	
Antimony	ND	mg/kg	0.32	1	05/30/10 15:59	06/03/10 10:54	7440-36-0	
Arsenic	**11.8**	mg/kg	0.32	1	05/30/10 15:59	06/03/10 10:54	7440-38-2	
Barium	**79.2**	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:54	7440-39-3	
Beryllium	**0.40**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:54	7440-41-7	
Boron	**5.4**	mg/kg	3.2	1	05/30/10 15:59	06/03/10 10:54	7440-42-8	
Cadmium	**0.25**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:54	7440-43-9	
Calcium	**1520**	mg/kg	127	1	05/30/10 15:59	06/03/10 10:54	7440-70-2	
Chromium	**10.5**	mg/kg	0.32	1	05/30/10 15:59	06/03/10 10:54	7440-47-3	
Cobalt	**9.0**	mg/kg	0.64	1	05/30/10 15:59	06/03/10 10:54	7440-48-4	
Copper	**17.2**	mg/kg	0.64	1	05/30/10 15:59	06/03/10 10:54	7440-50-8	
Iron	**19200**	mg/kg	6.4	1	05/30/10 15:59	06/03/10 10:54	7439-89-6	
Lead	**6.8**	mg/kg	0.32	1	05/30/10 15:59	06/03/10 10:54	7439-92-1	
Magnesium	**3450**	mg/kg	31.8	1	05/30/10 15:59	06/03/10 10:54	7439-95-4	
Manganese	**919**	mg/kg	0.64	1	05/30/10 15:59	06/03/10 10:54	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:54	7439-98-7	
Nickel	**15.7**	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:54	7440-02-0	
Potassium	**1120**	mg/kg	31.8	1	05/30/10 15:59	06/03/10 10:54	7440-09-7	
Selenium	**0.32**	mg/kg	0.32	1	05/30/10 15:59	06/03/10 10:54	7782-49-2	
Silver	**0.72**	mg/kg	0.13	1	05/30/10 15:59	06/03/10 10:54	7440-22-4	
Sodium	ND	mg/kg	318	1	05/30/10 15:59	06/03/10 10:54	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 15:59	06/03/10 10:54	7440-28-0	
Vanadium	**10.4**	mg/kg	0.64	1	05/30/10 15:59	06/03/10 10:54	7440-62-2	
Zinc	**45.1**	mg/kg	0.64	1	05/30/10 15:59	06/03/10 10:54	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:47	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	208-96-8	
Anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	207-08-9	
Benzyl alcohol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	59-50-7	
4-Chloroaniline	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B2 **Lab ID: 3028346015** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	91-58-7	
2-Chlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	7005-72-3	
Chrysene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	117-81-7	
Fluoranthene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	206-44-0	
Fluorene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	193-39-5	
Isophorone	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	735	1	06/02/10 20:36	06/06/10 18:25		
Naphthalene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	91-20-3	
2-Nitroaniline	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	88-74-4	
3-Nitroaniline	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	99-09-2	
4-Nitroaniline	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	100-01-6	
Nitrobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	88-75-5	
4-Nitrophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	86-30-6	
Pentachlorophenol	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	87-86-5	
Phenanthrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	85-01-8	
Phenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	108-95-2	
Pyrene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-7-B2 **Lab ID: 3028346015** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	920	1	06/02/10 20:36	06/06/10 18:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	06/02/10 20:36	06/06/10 18:25	88-06-2	
Nitrobenzene-d5 (S)	88	%	35-114	1	06/02/10 20:36	06/06/10 18:25	4165-60-0	
2-Fluorobiphenyl (S)	82	%	43-116	1	06/02/10 20:36	06/06/10 18:25	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/02/10 20:36	06/06/10 18:25	1718-51-0	
Phenol-d6 (S)	75	%	10-110	1	06/02/10 20:36	06/06/10 18:25	13127-88-3	
2-Fluorophenol (S)	74	%	21-110	1	06/02/10 20:36	06/06/10 18:25	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-123	1	06/02/10 20:36	06/06/10 18:25	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**41.7**	ug/kg	9.3	1		06/02/10 19:54	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/02/10 19:54	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/02/10 19:54	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/02/10 19:54	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/02/10 19:54	74-83-9	
TOTAL BTEX	ND	ug/kg	28.0	1		06/02/10 19:54		
2-Butanone (MEK)	ND	ug/kg	9.3	1		06/02/10 19:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/02/10 19:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/02/10 19:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/02/10 19:54	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/02/10 19:54	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/02/10 19:54	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/02/10 19:54	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/02/10 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/02/10 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/02/10 19:54	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	1		06/02/10 19:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/02/10 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/02/10 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/02/10 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/02/10 19:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/02/10 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/02/10 19:54	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	100-41-4	
2-Hexanone	ND	ug/kg	9.3	1		06/02/10 19:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/02/10 19:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/02/10 19:54	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/02/10 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1		06/02/10 19:54	108-10-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B2 **Lab ID: 3028346015** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/02/10 19:54	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/02/10 19:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/02/10 19:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/02/10 19:54	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/02/10 19:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/02/10 19:54	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/02/10 19:54	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/02/10 19:54	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/02/10 19:54	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	1		06/02/10 19:54	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		06/02/10 19:54	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/02/10 19:54	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 19:54	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/10 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	153	%	70-130	1		06/02/10 19:54	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.5**	%	0.10	1		06/09/10 13:14		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.4	1		06/02/10 15:48	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]7-B2 ASTM **Lab ID: 3028346016** Collected: 05/25/10 11:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 15:59	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346017** Collected: 05/25/10 13:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11500**	mg/kg	6.2	1	05/30/10 15:59	06/03/10 10:57	7429-90-5	
Antimony	**0.33**	mg/kg	0.31	1	05/30/10 15:59	06/03/10 10:57	7440-36-0	
Arsenic	**2.8**	mg/kg	0.31	1	05/30/10 15:59	06/03/10 10:57	7440-38-2	
Barium	**62.4**	mg/kg	1.2	1	05/30/10 15:59	06/03/10 10:57	7440-39-3	
Beryllium	**0.53**	mg/kg	0.12	1	05/30/10 15:59	06/03/10 10:57	7440-41-7	
Boron	**9.6**	mg/kg	3.1	1	05/30/10 15:59	06/03/10 10:57	7440-42-8	
Cadmium	**0.56**	mg/kg	0.12	1	05/30/10 15:59	06/03/10 10:57	7440-43-9	
Calcium	**441**	mg/kg	123	1	05/30/10 15:59	06/03/10 10:57	7440-70-2	
Chromium	**18.1**	mg/kg	0.31	1	05/30/10 15:59	06/03/10 10:57	7440-47-3	
Cobalt	**12.0**	mg/kg	0.62	1	05/30/10 15:59	06/03/10 10:57	7440-48-4	
Copper	**2.6**	mg/kg	0.62	1	05/30/10 15:59	06/03/10 10:57	7440-50-8	
Iron	**32800**	mg/kg	6.2	1	05/30/10 15:59	06/03/10 10:57	7439-89-6	
Lead	**2.9**	mg/kg	0.31	1	05/30/10 15:59	06/03/10 10:57	7439-92-1	
Magnesium	**4550**	mg/kg	30.8	1	05/30/10 15:59	06/03/10 10:57	7439-95-4	
Manganese	**322**	mg/kg	0.62	1	05/30/10 15:59	06/03/10 10:57	7439-96-5	
Molybdenum	ND	mg/kg	1.2	1	05/30/10 15:59	06/03/10 10:57	7439-98-7	
Nickel	**30.1**	mg/kg	1.2	1	05/30/10 15:59	06/03/10 10:57	7440-02-0	
Potassium	**1790**	mg/kg	30.8	1	05/30/10 15:59	06/03/10 10:57	7440-09-7	
Selenium	**0.42**	mg/kg	0.31	1	05/30/10 15:59	06/03/10 10:57	7782-49-2	
Silver	**1.2**	mg/kg	0.12	1	05/30/10 15:59	06/03/10 10:57	7440-22-4	
Sodium	ND	mg/kg	308	1	05/30/10 15:59	06/03/10 10:57	7440-23-5	
Thallium	ND	mg/kg	1.2	1	05/30/10 15:59	06/03/10 10:57	7440-28-0	
Vanadium	**17.1**	mg/kg	0.62	1	05/30/10 15:59	06/03/10 10:57	7440-62-2	
Zinc	**51.9**	mg/kg	0.62	1	05/30/10 15:59	06/03/10 10:57	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 10:48	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	83-32-9	
Acenaphthylene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	208-96-8	
Anthracene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	207-08-9	
Benzyl alcohol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	59-50-7	
4-Chloroaniline	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346017** Collected: 05/25/10 13:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	91-58-7	
2-Chlorophenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	7005-72-3	
Chrysene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	53-70-3	
Dibenzofuran	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	120-83-2	
Diethylphthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	105-67-9	
Dimethylphthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	117-81-7	
Fluoranthene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	206-44-0	
Fluorene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	87-68-3	
Hexachlorobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	77-47-4	
Hexachloroethane	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	193-39-5	
Isophorone	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	78-59-1	
2-Methylnaphthalene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	693	1	06/02/10 20:36	06/06/10 18:47		
Naphthalene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	91-20-3	
2-Nitroaniline	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	88-74-4	
3-Nitroaniline	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	99-09-2	
4-Nitroaniline	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	100-01-6	
Nitrobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	98-95-3	
2-Nitrophenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	88-75-5	
4-Nitrophenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	86-30-6	
Pentachlorophenol	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	87-86-5	
Phenanthrene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	85-01-8	
Phenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	108-95-2	
Pyrene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346017** Collected: 05/25/10 13:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	867	1	06/02/10 20:36	06/06/10 18:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	347	1	06/02/10 20:36	06/06/10 18:47	88-06-2	
Nitrobenzene-d5 (S)	112	%	35-114	1	06/02/10 20:36	06/06/10 18:47	4165-60-0	
2-Fluorobiphenyl (S)	93	%	43-116	1	06/02/10 20:36	06/06/10 18:47	321-60-8	
Terphenyl-d14 (S)	126	%	33-141	1	06/02/10 20:36	06/06/10 18:47	1718-51-0	
Phenol-d6 (S)	103	%	10-110	1	06/02/10 20:36	06/06/10 18:47	13127-88-3	
2-Fluorophenol (S)	108	%	21-110	1	06/02/10 20:36	06/06/10 18:47	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-123	1	06/02/10 20:36	06/06/10 18:47	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**45.8**	ug/kg	11.1	1		06/02/10 16:08	67-64-1	
Benzene	ND	ug/kg	5.5	1		06/02/10 16:08	71-43-2	
Bromodichloromethane	ND	ug/kg	5.5	1		06/02/10 16:08	75-27-4	
Bromoform	ND	ug/kg	5.5	1		06/02/10 16:08	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		06/02/10 16:08	74-83-9	
TOTAL BTEX	ND	ug/kg	33.3	1		06/02/10 16:08		
2-Butanone (MEK)	ND	ug/kg	11.1	1		06/02/10 16:08	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	135-98-8	
Carbon disulfide	ND	ug/kg	5.5	1		06/02/10 16:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		06/02/10 16:08	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		06/02/10 16:08	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	75-00-3	
Chloroform	ND	ug/kg	5.5	1		06/02/10 16:08	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		06/02/10 16:08	74-87-3	
Dibromochloromethane	ND	ug/kg	5.5	1		06/02/10 16:08	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		06/02/10 16:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		06/02/10 16:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		06/02/10 16:08	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.1	1		06/02/10 16:08	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.5	1		06/02/10 16:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		06/02/10 16:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		06/02/10 16:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		06/02/10 16:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		06/02/10 16:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		06/02/10 16:08	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	100-41-4	
2-Hexanone	ND	ug/kg	11.1	1		06/02/10 16:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		06/02/10 16:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		06/02/10 16:08	99-87-6	
Methylene Chloride	ND	ug/kg	5.5	1		06/02/10 16:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	1		06/02/10 16:08	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 **Lab ID: 3028346017** Collected: 05/25/10 13:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		06/02/10 16:08	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1		06/02/10 16:08	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	103-65-1	
Styrene	ND	ug/kg	5.5	1		06/02/10 16:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		06/02/10 16:08	127-18-4	
Toluene	ND	ug/kg	5.5	1		06/02/10 16:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		06/02/10 16:08	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		06/02/10 16:08	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		06/02/10 16:08	108-67-8	
Vinyl chloride	ND	ug/kg	5.5	1		06/02/10 16:08	75-01-4	
Xylene (Total)	ND	ug/kg	16.6	1		06/02/10 16:08	1330-20-7	
m&p-Xylene	ND	ug/kg	11.1	1		06/02/10 16:08	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1		06/02/10 16:08	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 16:08	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 16:08	460-00-4	
1,2-Dichloroethane-d4 (S)	138	%	70-130	1		06/02/10 16:08	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.7**	%	0.10	1		06/09/10 10:59		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**13.6**	mg/kg	5.3	1		06/02/10 15:48	7664-41-7	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B1 ASTM **Lab ID: 3028346018** Collected: 05/25/10 13:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:00	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346019** Collected: 05/25/10 12:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15400**	mg/kg	7.1	1	05/30/10 15:59	06/03/10 11:29	7429-90-5	
Antimony	ND	mg/kg	0.35	1	05/30/10 15:59	06/03/10 11:29	7440-36-0	
Arsenic	**2.7**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 11:29	7440-38-2	
Barium	**109**	mg/kg	1.4	1	05/30/10 15:59	06/03/10 11:29	7440-39-3	
Beryllium	**0.71**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 11:29	7440-41-7	
Boron	**11.3**	mg/kg	3.5	1	05/30/10 15:59	06/03/10 11:29	7440-42-8	
Cadmium	**0.70**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 11:29	7440-43-9	
Calcium	**459**	mg/kg	142	1	05/30/10 15:59	06/03/10 11:29	7440-70-2	
Chromium	**19.0**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 11:29	7440-47-3	
Cobalt	**9.7**	mg/kg	0.71	1	05/30/10 15:59	06/03/10 11:29	7440-48-4	
Copper	**4.4**	mg/kg	0.71	1	05/30/10 15:59	06/03/10 11:29	7440-50-8	
Iron	**35100**	mg/kg	7.1	1	05/30/10 15:59	06/03/10 11:29	7439-89-6	
Lead	**6.8**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 11:29	7439-92-1	
Magnesium	**3120**	mg/kg	35.4	1	05/30/10 15:59	06/03/10 11:29	7439-95-4	
Manganese	**707**	mg/kg	0.71	1	05/30/10 15:59	06/03/10 11:29	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 15:59	06/03/10 11:29	7439-98-7	
Nickel	**20.6**	mg/kg	1.4	1	05/30/10 15:59	06/03/10 11:29	7440-02-0	
Potassium	**1810**	mg/kg	35.4	1	05/30/10 15:59	06/03/10 11:29	7440-09-7	
Selenium	**0.43**	mg/kg	0.35	1	05/30/10 15:59	06/03/10 11:29	7782-49-2	
Silver	**1.5**	mg/kg	0.14	1	05/30/10 15:59	06/03/10 11:29	7440-22-4	
Sodium	ND	mg/kg	354	1	05/30/10 15:59	06/03/10 11:29	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 15:59	06/03/10 11:29	7440-28-0	
Vanadium	**23.5**	mg/kg	0.71	1	05/30/10 15:59	06/03/10 11:29	7440-62-2	
Zinc	**63.9**	mg/kg	0.71	1	05/30/10 15:59	06/03/10 11:29	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	05/27/10 15:44	05/28/10 10:50	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	83-32-9	
Acenaphthylene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	208-96-8	
Anthracene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	207-08-9	
Benzyl alcohol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	59-50-7	
4-Chloroaniline	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	108-60-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346019** Collected: 05/25/10 12:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	91-58-7	
2-Chlorophenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	7005-72-3	
Chrysene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	53-70-3	
Dibenzofuran	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	120-83-2	
Diethylphthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	105-67-9	
Dimethylphthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	117-81-7	
Fluoranthene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	206-44-0	
Fluorene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	77-47-4	
Hexachloroethane	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	193-39-5	
Isophorone	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	78-59-1	
2-Methylnaphthalene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	**1430**	ug/kg	803	1	06/02/10 20:36	06/06/10 19:09		
Naphthalene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	91-20-3	
2-Nitroaniline	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	88-74-4	
3-Nitroaniline	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	100-01-6	
Nitrobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	98-95-3	
2-Nitrophenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	88-75-5	
4-Nitrophenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	86-30-6	
Pentachlorophenol	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	87-86-5	
Phenanthrene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	85-01-8	
Phenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	108-95-2	
Pyrene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-5-B2 **Lab ID: 3028346019** Collected: 05/25/10 12:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	1000	1	06/02/10 20:36	06/06/10 19:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	402	1	06/02/10 20:36	06/06/10 19:09	88-06-2	
Nitrobenzene-d5 (S)	108	%	35-114	1	06/02/10 20:36	06/06/10 19:09	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/02/10 20:36	06/06/10 19:09	321-60-8	
Terphenyl-d14 (S)	103	%	33-141	1	06/02/10 20:36	06/06/10 19:09	1718-51-0	
Phenol-d6 (S)	97	%	10-110	1	06/02/10 20:36	06/06/10 19:09	13127-88-3	
2-Fluorophenol (S)	102	%	21-110	1	06/02/10 20:36	06/06/10 19:09	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-123	1	06/02/10 20:36	06/06/10 19:09	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**1470**	ug/kg	562	50		06/06/10 20:12	67-64-1	
Benzene	ND	ug/kg	6.3	1		06/02/10 16:31	71-43-2	
Bromodichloromethane	ND	ug/kg	6.3	1		06/02/10 16:31	75-27-4	
Bromoform	ND	ug/kg	6.3	1		06/02/10 16:31	75-25-2	
Bromomethane	ND	ug/kg	6.3	1		06/02/10 16:31	74-83-9	
TOTAL BTEX	**297**	ug/kg	37.6	1		06/02/10 16:31		
2-Butanone (MEK)	**152**	ug/kg	12.5	1		06/02/10 16:31	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	135-98-8	
Carbon disulfide	ND	ug/kg	6.3	1		06/02/10 16:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.3	1		06/02/10 16:31	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1		06/02/10 16:31	108-90-7	
Chloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	75-00-3	
Chloroform	ND	ug/kg	6.3	1		06/02/10 16:31	67-66-3	
Chloromethane	ND	ug/kg	6.3	1		06/02/10 16:31	74-87-3	
Dibromochloromethane	ND	ug/kg	6.3	1		06/02/10 16:31	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.3	1		06/02/10 16:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1		06/02/10 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1		06/02/10 16:31	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.5	1		06/02/10 16:31	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.3	1		06/02/10 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	1		06/02/10 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	1		06/02/10 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1		06/02/10 16:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1		06/02/10 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	1		06/02/10 16:31	10061-02-6	
Ethylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	100-41-4	
2-Hexanone	ND	ug/kg	12.5	1		06/02/10 16:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		06/02/10 16:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	1		06/02/10 16:31	99-87-6	
Methylene Chloride	ND	ug/kg	6.3	1		06/02/10 16:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.5	1		06/02/10 16:31	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 **Lab ID: 3028346019** Collected: 05/25/10 12:45 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		06/02/10 16:31	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		06/02/10 16:31	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	103-65-1	
Styrene	ND	ug/kg	6.3	1		06/02/10 16:31	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	1		06/02/10 16:31	127-18-4	
Toluene	**297**	ug/kg	6.3	1		06/02/10 16:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	1		06/02/10 16:31	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1		06/02/10 16:31	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		06/02/10 16:31	108-67-8	
Vinyl chloride	ND	ug/kg	6.3	1		06/02/10 16:31	75-01-4	
Xylene (Total)	ND	ug/kg	18.8	1		06/02/10 16:31	1330-20-7	
m&p-Xylene	ND	ug/kg	12.5	1		06/02/10 16:31	179601-23-1	
o-Xylene	ND	ug/kg	6.3	1		06/02/10 16:31	95-47-6	
Toluene-d8 (S)	103	%	70-130	1		06/02/10 16:31	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/02/10 16:31	460-00-4	
1,2-Dichloroethane-d4 (S)	140	%	70-130	1		06/02/10 16:31	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.9**	%	0.10	1		06/09/10 13:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**92.4**	mg/kg	5.4	1		06/02/10 15:49	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B2 ASTM **Lab ID: 3028346020** Collected: 05/25/10 12:45 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:03	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B3 **Lab ID: 3028346021** Collected: 05/25/10 13:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 05:55	7429-90-5	
Antimony	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 08:47	7440-36-0	
Arsenic	**1.7**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 08:47	7440-38-2	
Barium	**76.9**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 05:55	7440-39-3	
Beryllium	**0.85**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 05:55	7440-41-7	
Boron	**10.8**	mg/kg	4.4	1	05/30/10 16:05	06/10/10 05:55	7440-42-8	
Cadmium	**0.34**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 05:55	7440-43-9	
Calcium	**731**	mg/kg	175	1	05/30/10 16:05	06/10/10 05:55	7440-70-2	
Chromium	**19.8**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 05:55	7440-47-3	
Cobalt	**12.2**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 05:55	7440-48-4	
Copper	**2.7**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 05:55	7440-50-8	
Iron	**36000**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 05:55	7439-89-6	
Lead	**2.8**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 08:47	7439-92-1	
Magnesium	**4900**	mg/kg	43.9	1	05/30/10 16:05	06/10/10 05:55	7439-95-4	
Manganese	**232**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 05:55	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 05:55	7439-98-7	
Nickel	**34.2**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 05:55	7440-02-0	
Potassium	**2100**	mg/kg	43.9	1	05/30/10 16:05	06/10/10 05:55	7440-09-7	
Selenium	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 05:55	7782-49-2	
Silver	**0.44**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 08:47	7440-22-4	
Sodium	ND	mg/kg	439	1	05/30/10 16:05	06/10/10 05:55	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 08:47	7440-28-0	
Vanadium	**18.6**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 05:55	7440-62-2	
Zinc	**58.9**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 05:55	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:52	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	83-32-9	
Acenaphthylene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	208-96-8	
Anthracene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	207-08-9	
Benzyl alcohol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	59-50-7	
4-Chloroaniline	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B3 **Lab ID: 3028346021** Collected: 05/25/10 13:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	91-58-7	
2-Chlorophenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	7005-72-3	
Chrysene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	53-70-3	
Dibenzofuran	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	120-83-2	
Diethylphthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	105-67-9	
Dimethylphthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	117-81-7	
Fluoranthene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	206-44-0	
Fluorene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	77-47-4	
Hexachloroethane	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	193-39-5	
Isophorone	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	747	1	06/02/10 20:36	06/06/10 19:32		
Naphthalene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	91-20-3	
2-Nitroaniline	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	88-74-4	
3-Nitroaniline	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	99-09-2	
4-Nitroaniline	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	100-01-6	
Nitrobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	98-95-3	
2-Nitrophenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	88-75-5	
4-Nitrophenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	86-30-6	
Pentachlorophenol	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	87-86-5	
Phenanthrene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	85-01-8	
Phenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	108-95-2	
Pyrene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B3 **Lab ID: 3028346021** Collected: 05/25/10 13:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	935	1	06/02/10 20:36	06/06/10 19:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	374	1	06/02/10 20:36	06/06/10 19:32	88-06-2	
Nitrobenzene-d5 (S)	97	%	35-114	1	06/02/10 20:36	06/06/10 19:32	4165-60-0	
2-Fluorobiphenyl (S)	97	%	43-116	1	06/02/10 20:36	06/06/10 19:32	321-60-8	
Terphenyl-d14 (S)	114	%	33-141	1	06/02/10 20:36	06/06/10 19:32	1718-51-0	
Phenol-d6 (S)	99	%	10-110	1	06/02/10 20:36	06/06/10 19:32	13127-88-3	
2-Fluorophenol (S)	101	%	21-110	1	06/02/10 20:36	06/06/10 19:32	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-123	1	06/02/10 20:36	06/06/10 19:32	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**43.1**	ug/kg	12.8	1		06/02/10 16:53	67-64-1	
Benzene	ND	ug/kg	6.4	1		06/02/10 16:53	71-43-2	
Bromodichloromethane	ND	ug/kg	6.4	1		06/02/10 16:53	75-27-4	
Bromoform	ND	ug/kg	6.4	1		06/02/10 16:53	75-25-2	
Bromomethane	ND	ug/kg	6.4	1		06/02/10 16:53	74-83-9	
TOTAL BTEX	ND	ug/kg	38.3	1		06/02/10 16:53		
2-Butanone (MEK)	ND	ug/kg	12.8	1		06/02/10 16:53	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	135-98-8	
Carbon disulfide	ND	ug/kg	6.4	1		06/02/10 16:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.4	1		06/02/10 16:53	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1		06/02/10 16:53	108-90-7	
Chloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	75-00-3	
Chloroform	ND	ug/kg	6.4	1		06/02/10 16:53	67-66-3	
Chloromethane	ND	ug/kg	6.4	1		06/02/10 16:53	74-87-3	
Dibromochloromethane	ND	ug/kg	6.4	1		06/02/10 16:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.4	1		06/02/10 16:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	1		06/02/10 16:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1		06/02/10 16:53	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	12.8	1		06/02/10 16:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.4	1		06/02/10 16:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	1		06/02/10 16:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	1		06/02/10 16:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1		06/02/10 16:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1		06/02/10 16:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1		06/02/10 16:53	10061-02-6	
Ethylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	100-41-4	
2-Hexanone	ND	ug/kg	12.8	1		06/02/10 16:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	1		06/02/10 16:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	1		06/02/10 16:53	99-87-6	
Methylene Chloride	ND	ug/kg	6.4	1		06/02/10 16:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12.8	1		06/02/10 16:53	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B3 **Lab ID: 3028346021** Collected: 05/25/10 13:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.4	1		06/02/10 16:53	1634-04-4	
Naphthalene	ND	ug/kg	6.4	1		06/02/10 16:53	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	103-65-1	
Styrene	ND	ug/kg	6.4	1		06/02/10 16:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	1		06/02/10 16:53	127-18-4	
Toluene	ND	ug/kg	6.4	1		06/02/10 16:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	1		06/02/10 16:53	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1		06/02/10 16:53	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	1		06/02/10 16:53	108-67-8	
Vinyl chloride	ND	ug/kg	6.4	1		06/02/10 16:53	75-01-4	
Xylene (Total)	ND	ug/kg	19.1	1		06/02/10 16:53	1330-20-7	
m&p-Xylene	ND	ug/kg	12.8	1		06/02/10 16:53	179601-23-1	
o-Xylene	ND	ug/kg	6.4	1		06/02/10 16:53	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 16:53	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	1		06/02/10 16:53	460-00-4	
1,2-Dichloroethane-d4 (S)	138	%	70-130	1		06/02/10 16:53	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.9**	%	0.10	1		06/09/10 13:16		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**45.8**	mg/kg	5.3	1		06/02/10 15:52	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B3 ASTM **Lab ID: 3028346022** Collected: 05/25/10 13:00 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	**0.11**	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4.4**	mg/L	3.0	1		05/28/10 16:03	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-B4 **Lab ID: 3028346023** Collected: 05/25/10 13:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13100**	mg/kg	6.7	1	05/30/10 16:05	06/10/10 06:04	7429-90-5	
Antimony	ND	mg/kg	0.34	1	05/30/10 16:05	06/10/10 09:01	7440-36-0	
Arsenic	**2.2**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 09:01	7440-38-2	
Barium	**126**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:04	7440-39-3	
Beryllium	**0.81**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:04	7440-41-7	
Boron	**11.2**	mg/kg	3.4	1	05/30/10 16:05	06/10/10 06:04	7440-42-8	
Cadmium	**0.41**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:04	7440-43-9	
Calcium	**1160**	mg/kg	135	1	05/30/10 16:05	06/10/10 06:04	7440-70-2	
Chromium	**20.4**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 06:04	7440-47-3	
Cobalt	**13.3**	mg/kg	0.67	1	05/30/10 16:05	06/10/10 06:04	7440-48-4	
Copper	**8.1**	mg/kg	0.67	1	05/30/10 16:05	06/10/10 06:04	7440-50-8	
Iron	**38300**	mg/kg	6.7	1	05/30/10 16:05	06/10/10 06:04	7439-89-6	
Lead	**3.3**	mg/kg	0.34	1	05/30/10 16:05	06/10/10 09:01	7439-92-1	
Magnesium	**5320**	mg/kg	33.7	1	05/30/10 16:05	06/10/10 06:04	7439-95-4	
Manganese	**372**	mg/kg	0.67	1	05/30/10 16:05	06/10/10 06:04	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:04	7439-98-7	
Nickel	**34.6**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:04	7440-02-0	
Potassium	**2090**	mg/kg	33.7	1	05/30/10 16:05	06/10/10 06:04	7440-09-7	
Selenium	ND	mg/kg	0.34	1	05/30/10 16:05	06/10/10 06:04	7782-49-2	
Silver	**0.45**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 09:01	7440-22-4	
Sodium	ND	mg/kg	337	1	05/30/10 16:05	06/10/10 06:04	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 09:01	7440-28-0	
Vanadium	**19.4**	mg/kg	0.67	1	05/30/10 16:05	06/10/10 06:04	7440-62-2	
Zinc	**59.5**	mg/kg	0.67	1	05/30/10 16:05	06/10/10 06:04	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:57	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	208-96-8	
Anthracene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	207-08-9	
Benzyl alcohol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	59-50-7	
4-Chloroaniline	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	108-60-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B4 **Lab ID: 3028346023** Collected: 05/25/10 13:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	91-58-7	
2-Chlorophenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	7005-72-3	
Chrysene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	117-81-7	
Fluoranthene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	206-44-0	
Fluorene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	193-39-5	
Isophorone	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	712	1	06/02/10 20:36	06/06/10 19:54		
Naphthalene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	91-20-3	
2-Nitroaniline	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	88-74-4	
3-Nitroaniline	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	99-09-2	
4-Nitroaniline	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	88-75-5	
4-Nitrophenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	86-30-6	
Pentachlorophenol	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	87-86-5	
Phenanthrene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	85-01-8	
Phenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	108-95-2	
Pyrene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B4 **Lab ID: 3028346023** Collected: 05/25/10 13:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	890	1	06/02/10 20:36	06/06/10 19:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	06/02/10 20:36	06/06/10 19:54	88-06-2	
Nitrobenzene-d5 (S)	107	%	35-114	1	06/02/10 20:36	06/06/10 19:54	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/02/10 20:36	06/06/10 19:54	321-60-8	
Terphenyl-d14 (S)	111	%	33-141	1	06/02/10 20:36	06/06/10 19:54	1718-51-0	
Phenol-d6 (S)	89	%	10-110	1	06/02/10 20:36	06/06/10 19:54	13127-88-3	
2-Fluorophenol (S)	89	%	21-110	1	06/02/10 20:36	06/06/10 19:54	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/02/10 20:36	06/06/10 19:54	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**159**	ug/kg	16.1	1		06/02/10 17:16	67-64-1	
Benzene	ND	ug/kg	8.0	1		06/02/10 17:16	71-43-2	
Bromodichloromethane	ND	ug/kg	8.0	1		06/02/10 17:16	75-27-4	
Bromoform	ND	ug/kg	8.0	1		06/02/10 17:16	75-25-2	
Bromomethane	ND	ug/kg	8.0	1		06/02/10 17:16	74-83-9	
TOTAL BTEX	ND	ug/kg	48.3	1		06/02/10 17:16		
2-Butanone (MEK)	ND	ug/kg	16.1	1		06/02/10 17:16	78-93-3	
n-Butylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	135-98-8	
Carbon disulfide	ND	ug/kg	8.0	1		06/02/10 17:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.0	1		06/02/10 17:16	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	1		06/02/10 17:16	108-90-7	
Chloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	75-00-3	
Chloroform	ND	ug/kg	8.0	1		06/02/10 17:16	67-66-3	
Chloromethane	ND	ug/kg	8.0	1		06/02/10 17:16	74-87-3	
Dibromochloromethane	ND	ug/kg	8.0	1		06/02/10 17:16	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	8.0	1		06/02/10 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	1		06/02/10 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	1		06/02/10 17:16	106-46-7	
1,1-Dichloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.1	1		06/02/10 17:16	540-59-0	
1,1-Dichloroethene	ND	ug/kg	8.0	1		06/02/10 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/02/10 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/02/10 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	1		06/02/10 17:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/02/10 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/02/10 17:16	10061-02-6	
Ethylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	100-41-4	
2-Hexanone	ND	ug/kg	16.1	1		06/02/10 17:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		06/02/10 17:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	1		06/02/10 17:16	99-87-6	
Methylene Chloride	ND	ug/kg	8.0	1		06/02/10 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.1	1		06/02/10 17:16	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B4 **Lab ID: 3028346023** Collected: 05/25/10 13:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		06/02/10 17:16	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		06/02/10 17:16	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	103-65-1	
Styrene	ND	ug/kg	8.0	1		06/02/10 17:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	1		06/02/10 17:16	127-18-4	
Toluene	ND	ug/kg	8.0	1		06/02/10 17:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	1		06/02/10 17:16	79-00-5	
Trichloroethene	ND	ug/kg	8.0	1		06/02/10 17:16	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		06/02/10 17:16	108-67-8	
Vinyl chloride	ND	ug/kg	8.0	1		06/02/10 17:16	75-01-4	
Xylene (Total)	ND	ug/kg	24.1	1		06/02/10 17:16	1330-20-7	
m&p-Xylene	ND	ug/kg	16.1	1		06/02/10 17:16	179601-23-1	
o-Xylene	ND	ug/kg	8.0	1		06/02/10 17:16	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 17:16	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		06/02/10 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	139	%	70-130	1		06/02/10 17:16	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.2**	%	0.10	1		06/09/10 13:17		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**13.1**	mg/kg	5.0	1		06/02/10 15:53	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]5-B4 ASTM **Lab ID: 3028346024** Collected: 05/25/10 13:15 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:04	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346025** Collected: 05/25/10 14:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15500**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 06:07	7429-90-5	
Antimony	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:23	7440-36-0	
Arsenic	**19.6**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:23	7440-38-2	
Barium	**75.9**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 06:07	7440-39-3	
Beryllium	**0.79**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 06:07	7440-41-7	
Boron	**9.1**	mg/kg	4.4	1	05/30/10 16:05	06/10/10 06:07	7440-42-8	
Cadmium	**0.63**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 06:07	7440-43-9	
Calcium	**1860**	mg/kg	177	1	05/30/10 16:05	06/10/10 06:07	7440-70-2	
Chromium	**17.6**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 06:07	7440-47-3	
Cobalt	**14.2**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 06:07	7440-48-4	
Copper	**13.8**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 06:07	7440-50-8	
Iron	**32700**	mg/kg	8.8	1	05/30/10 16:05	06/10/10 06:07	7439-89-6	
Lead	**28.2**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:23	7439-92-1	
Magnesium	**5720**	mg/kg	44.2	1	05/30/10 16:05	06/10/10 06:07	7439-95-4	
Manganese	**1490**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 06:07	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 06:07	7439-98-7	
Nickel	**26.4**	mg/kg	1.8	1	05/30/10 16:05	06/10/10 06:07	7440-02-0	
Potassium	**1920**	mg/kg	44.2	1	05/30/10 16:05	06/10/10 06:07	7440-09-7	
Selenium	**0.58**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 06:07	7782-49-2	
Silver	**0.33**	mg/kg	0.18	1	05/30/10 16:05	06/10/10 09:23	7440-22-4	
Sodium	ND	mg/kg	442	1	05/30/10 16:05	06/10/10 06:07	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:05	06/10/10 09:23	7440-28-0	
Vanadium	**17.1**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 06:07	7440-62-2	
Zinc	**95.1**	mg/kg	0.88	1	05/30/10 16:05	06/10/10 06:07	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 10:58	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	83-32-9	
Acenaphthylene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	208-96-8	
Anthracene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	120-12-7	
Benzo(a)anthracene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	207-08-9	
Benzyl alcohol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	101-55-3	
Butylbenzylphthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	59-50-7	
4-Chloroaniline	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-2-B1 **Lab ID: 3028346025** Collected: 05/25/10 14:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	91-58-7	
2-Chlorophenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	7005-72-3	
Chrysene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	53-70-3	
Dibenzofuran	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	120-83-2	
Diethylphthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	105-67-9	
Dimethylphthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	131-11-3	
Di-n-butylphthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	606-20-2	
Di-n-octylphthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	117-81-7	
Fluoranthene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	206-44-0	
Fluorene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	87-68-3	
Hexachlorobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	77-47-4	
Hexachloroethane	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	193-39-5	
Isophorone	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	78-59-1	
2-Methylnaphthalene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	723	1	06/02/10 20:36	06/06/10 20:16		
Naphthalene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	91-20-3	
2-Nitroaniline	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	88-74-4	
3-Nitroaniline	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	99-09-2	
4-Nitroaniline	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	100-01-6	
Nitrobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	98-95-3	
2-Nitrophenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	88-75-5	
4-Nitrophenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	86-30-6	
Pentachlorophenol	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	87-86-5	
Phenanthrene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	85-01-8	
Phenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	108-95-2	
Pyrene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346025** Collected: 05/25/10 14:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	904	1	06/02/10 20:36	06/06/10 20:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	361	1	06/02/10 20:36	06/06/10 20:16	88-06-2	
Nitrobenzene-d5 (S)	107	%	35-114	1	06/02/10 20:36	06/06/10 20:16	4165-60-0	
2-Fluorobiphenyl (S)	102	%	43-116	1	06/02/10 20:36	06/06/10 20:16	321-60-8	
Terphenyl-d14 (S)	115	%	33-141	1	06/02/10 20:36	06/06/10 20:16	1718-51-0	
Phenol-d6 (S)	84	%	10-110	1	06/02/10 20:36	06/06/10 20:16	13127-88-3	
2-Fluorophenol (S)	77	%	21-110	1	06/02/10 20:36	06/06/10 20:16	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-123	1	06/02/10 20:36	06/06/10 20:16	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**36.5**	ug/kg	8.4	1		06/02/10 17:39	67-64-1	
Benzene	ND	ug/kg	4.2	1		06/02/10 17:39	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		06/02/10 17:39	75-27-4	
Bromoform	ND	ug/kg	4.2	1		06/02/10 17:39	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		06/02/10 17:39	74-83-9	
TOTAL BTEX	ND	ug/kg	25.2	1		06/02/10 17:39		
2-Butanone (MEK)	ND	ug/kg	8.4	1		06/02/10 17:39	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	135-98-8	
Carbon disulfide	ND	ug/kg	4.2	1		06/02/10 17:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		06/02/10 17:39	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		06/02/10 17:39	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	75-00-3	
Chloroform	ND	ug/kg	4.2	1		06/02/10 17:39	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		06/02/10 17:39	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	1		06/02/10 17:39	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		06/02/10 17:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		06/02/10 17:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		06/02/10 17:39	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	1		06/02/10 17:39	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.2	1		06/02/10 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/02/10 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/02/10 17:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		06/02/10 17:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/02/10 17:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/02/10 17:39	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	100-41-4	
2-Hexanone	ND	ug/kg	8.4	1		06/02/10 17:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/02/10 17:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		06/02/10 17:39	99-87-6	
Methylene Chloride	ND	ug/kg	4.2	1		06/02/10 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.4	1		06/02/10 17:39	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346025** Collected: 05/25/10 14:10 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/02/10 17:39	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/02/10 17:39	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	103-65-1	
Styrene	ND	ug/kg	4.2	1		06/02/10 17:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		06/02/10 17:39	127-18-4	
Toluene	ND	ug/kg	4.2	1		06/02/10 17:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		06/02/10 17:39	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		06/02/10 17:39	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/02/10 17:39	108-67-8	
Vinyl chloride	ND	ug/kg	4.2	1		06/02/10 17:39	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	1		06/02/10 17:39	1330-20-7	
m&p-Xylene	ND	ug/kg	8.4	1		06/02/10 17:39	179601-23-1	
o-Xylene	ND	ug/kg	4.2	1		06/02/10 17:39	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 17:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/10 17:39	460-00-4	
1,2-Dichloroethane-d4 (S)	144	%	70-130	1		06/02/10 17:39	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.1**	%	0.10	1		06/09/10 13:18		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**11.3**	mg/kg	5.0	1		06/02/10 15:54	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 ASTM **Lab ID: 3028346026** Collected: 05/25/10 14:10 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:05	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346027** Collected: 05/25/10 14:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13200**	mg/kg	8.7	1	05/30/10 16:05	06/10/10 06:10	7429-90-5	
Antimony	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:27	7440-36-0	
Arsenic	**15.4**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:27	7440-38-2	
Barium	**71.7**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:10	7440-39-3	
Beryllium	**0.72**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 06:10	7440-41-7	
Boron	**7.9**	mg/kg	4.4	1	05/30/10 16:05	06/10/10 06:10	7440-42-8	
Cadmium	**0.43**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 06:10	7440-43-9	
Calcium	**1490**	mg/kg	174	1	05/30/10 16:05	06/10/10 06:10	7440-70-2	
Chromium	**15.1**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 06:10	7440-47-3	
Cobalt	**12.0**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 06:10	7440-48-4	
Copper	**11.1**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 06:10	7440-50-8	
Iron	**26200**	mg/kg	8.7	1	05/30/10 16:05	06/10/10 06:10	7439-89-6	
Lead	**20.9**	mg/kg	0.44	1	05/30/10 16:05	06/10/10 09:27	7439-92-1	
Magnesium	**4750**	mg/kg	43.5	1	05/30/10 16:05	06/10/10 06:10	7439-95-4	
Manganese	**1670**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 06:10	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:10	7439-98-7	
Nickel	**23.5**	mg/kg	1.7	1	05/30/10 16:05	06/10/10 06:10	7440-02-0	
Potassium	**1900**	mg/kg	43.5	1	05/30/10 16:05	06/10/10 06:10	7440-09-7	
Selenium	ND	mg/kg	0.44	1	05/30/10 16:05	06/10/10 06:10	7782-49-2	
Silver	**0.26**	mg/kg	0.17	1	05/30/10 16:05	06/10/10 09:27	7440-22-4	
Sodium	ND	mg/kg	435	1	05/30/10 16:05	06/10/10 06:10	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:05	06/10/10 09:27	7440-28-0	
Vanadium	**14.3**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 06:10	7440-62-2	
Zinc	**72.0**	mg/kg	0.87	1	05/30/10 16:05	06/10/10 06:10	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	05/27/10 15:44	05/28/10 11:00	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	83-32-9	
Acenaphthylene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	208-96-8	
Anthracene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	207-08-9	
Benzyl alcohol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	59-50-7	
4-Chloroaniline	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346027** Collected: 05/25/10 14:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	91-58-7	
2-Chlorophenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	7005-72-3	
Chrysene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	53-70-3	
Dibenzofuran	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	120-83-2	
Diethylphthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	105-67-9	
Dimethylphthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	117-81-7	
Fluoranthene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	206-44-0	
Fluorene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	87-68-3	
Hexachlorobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	77-47-4	
Hexachloroethane	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	193-39-5	
Isophorone	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	78-59-1	
2-Methylnaphthalene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/02/10 20:36	06/06/10 20:38		
Naphthalene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	100-01-6	
Nitrobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	98-95-3	
2-Nitrophenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	88-75-5	
4-Nitrophenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	87-86-5	
Phenanthrene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	85-01-8	
Phenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	108-95-2	
Pyrene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346027** Collected: 05/25/10 14:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/02/10 20:36	06/06/10 20:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	362	1	06/02/10 20:36	06/06/10 20:38	88-06-2	
Nitrobenzene-d5 (S)	105	%	35-114	1	06/02/10 20:36	06/06/10 20:38	4165-60-0	
2-Fluorobiphenyl (S)	98	%	43-116	1	06/02/10 20:36	06/06/10 20:38	321-60-8	
Terphenyl-d14 (S)	116	%	33-141	1	06/02/10 20:36	06/06/10 20:38	1718-51-0	
Phenol-d6 (S)	92	%	10-110	1	06/02/10 20:36	06/06/10 20:38	13127-88-3	
2-Fluorophenol (S)	91	%	21-110	1	06/02/10 20:36	06/06/10 20:38	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/02/10 20:36	06/06/10 20:38	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	770	50		06/07/10 14:35	67-64-1	
Benzene	ND	ug/kg	8.0	1		06/06/10 19:48	71-43-2	
Bromodichloromethane	ND	ug/kg	8.0	1		06/06/10 19:48	75-27-4	
Bromoform	ND	ug/kg	8.0	1		06/06/10 19:48	75-25-2	
Bromomethane	ND	ug/kg	8.0	1		06/06/10 19:48	74-83-9	
TOTAL BTEX	ND	ug/kg	47.9	1		06/06/10 19:48		
2-Butanone (MEK)	**29.3**	ug/kg	16.0	1		06/06/10 19:48	78-93-3	
n-Butylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	135-98-8	
Carbon disulfide	ND	ug/kg	8.0	1		06/06/10 19:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.0	1		06/06/10 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	1		06/06/10 19:48	108-90-7	
Chloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	75-00-3	
Chloroform	ND	ug/kg	8.0	1		06/06/10 19:48	67-66-3	
Chloromethane	ND	ug/kg	8.0	1		06/06/10 19:48	74-87-3	
Dibromochloromethane	ND	ug/kg	8.0	1		06/06/10 19:48	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	8.0	1		06/06/10 19:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	1		06/06/10 19:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	1		06/06/10 19:48	106-46-7	
1,1-Dichloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.0	1		06/06/10 19:48	540-59-0	
1,1-Dichloroethene	ND	ug/kg	8.0	1		06/06/10 19:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/06/10 19:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/06/10 19:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	1		06/06/10 19:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/06/10 19:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/06/10 19:48	10061-02-6	
Ethylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	100-41-4	
2-Hexanone	ND	ug/kg	16.0	1		06/06/10 19:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		06/06/10 19:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	1		06/06/10 19:48	99-87-6	
Methylene Chloride	ND	ug/kg	8.0	1		06/06/10 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.0	1		06/06/10 19:48	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346027** Collected: 05/25/10 14:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		06/06/10 19:48	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		06/06/10 19:48	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	103-65-1	
Styrene	ND	ug/kg	8.0	1		06/06/10 19:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	1		06/06/10 19:48	127-18-4	
Toluene	ND	ug/kg	8.0	1		06/06/10 19:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	1		06/06/10 19:48	79-00-5	
Trichloroethene	ND	ug/kg	8.0	1		06/06/10 19:48	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		06/06/10 19:48	108-67-8	
Vinyl chloride	ND	ug/kg	8.0	1		06/06/10 19:48	75-01-4	
Xylene (Total)	ND	ug/kg	24.0	1		06/06/10 19:48	1330-20-7	
m&p-Xylene	ND	ug/kg	16.0	1		06/06/10 19:48	179601-23-1	
o-Xylene	ND	ug/kg	8.0	1		06/06/10 19:48	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/06/10 19:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/06/10 19:48	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		06/06/10 19:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.8**	%	0.10	1		06/09/10 11:00		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.5**	mg/kg	5.0	1		06/02/10 15:55	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-2-B2 ASTM **Lab ID: 3028346028** Collected: 05/25/10 14:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:06	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346029** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**20500**	mg/kg	10.1	1	05/30/10 16:05	06/10/10 06:13	7429-90-5	
Antimony	ND	mg/kg	0.51	1	05/30/10 16:05	06/10/10 09:50	7440-36-0	
Arsenic	**9.2**	mg/kg	0.51	1	05/30/10 16:05	06/10/10 09:50	7440-38-2	
Barium	**101**	mg/kg	2.0	1	05/30/10 16:05	06/10/10 06:13	7440-39-3	
Beryllium	**0.88**	mg/kg	0.20	1	05/30/10 16:05	06/10/10 06:13	7440-41-7	
Boron	**11.7**	mg/kg	5.1	1	05/30/10 16:05	06/10/10 06:13	7440-42-8	
Cadmium	**0.47**	mg/kg	0.20	1	05/30/10 16:05	06/10/10 06:13	7440-43-9	
Calcium	**409**	mg/kg	202	1	05/30/10 16:05	06/10/10 06:13	7440-70-2	
Chromium	**24.3**	mg/kg	0.51	1	05/30/10 16:05	06/10/10 06:13	7440-47-3	
Cobalt	**12.1**	mg/kg	1.0	1	05/30/10 16:05	06/10/10 06:13	7440-48-4	
Copper	**14.5**	mg/kg	1.0	1	05/30/10 16:05	06/10/10 06:13	7440-50-8	
Iron	**35800**	mg/kg	10.1	1	05/30/10 16:05	06/10/10 06:13	7439-89-6	
Lead	**23.2**	mg/kg	0.51	1	05/30/10 16:05	06/10/10 09:50	7439-92-1	
Magnesium	**5320**	mg/kg	50.5	1	05/30/10 16:05	06/10/10 06:13	7439-95-4	
Manganese	**400**	mg/kg	1.0	1	05/30/10 16:05	06/10/10 06:13	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 16:05	06/10/10 06:13	7439-98-7	
Nickel	**26.7**	mg/kg	2.0	1	05/30/10 16:05	06/10/10 06:13	7440-02-0	
Potassium	**1690**	mg/kg	50.5	1	05/30/10 16:05	06/10/10 06:13	7440-09-7	
Selenium	ND	mg/kg	0.51	1	05/30/10 16:05	06/10/10 06:13	7782-49-2	
Silver	**0.44**	mg/kg	0.20	1	05/30/10 16:05	06/10/10 09:50	7440-22-4	
Sodium	ND	mg/kg	505	1	05/30/10 16:05	06/10/10 06:13	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 16:05	06/10/10 09:50	7440-28-0	
Vanadium	**32.2**	mg/kg	1.0	1	05/30/10 16:05	06/10/10 06:13	7440-62-2	
Zinc	**62.7**	mg/kg	1.0	1	05/30/10 16:05	06/10/10 06:13	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	05/27/10 15:44	05/28/10 11:01	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	83-32-9	
Acenaphthylene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	208-96-8	
Anthracene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	120-12-7	
Benzo(a)anthracene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	56-55-3	
Benzo(a)pyrene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	207-08-9	
Benzyl alcohol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	101-55-3	
Butylbenzylphthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	59-50-7	
4-Chloroaniline	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346029** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	91-58-7	
2-Chlorophenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	7005-72-3	
Chrysene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	53-70-3	
Dibenzofuran	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	120-83-2	
Diethylphthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	105-67-9	
Dimethylphthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	131-11-3	
Di-n-butylphthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	606-20-2	
Di-n-octylphthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	117-81-7	
Fluoranthene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	206-44-0	
Fluorene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	87-68-3	
Hexachlorobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	77-47-4	
Hexachloroethane	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	193-39-5	
Isophorone	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	78-59-1	
2-Methylnaphthalene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	770	1	06/02/10 20:36	06/06/10 21:00		
Naphthalene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	91-20-3	
2-Nitroaniline	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	88-74-4	
3-Nitroaniline	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	99-09-2	
4-Nitroaniline	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	100-01-6	
Nitrobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	98-95-3	
2-Nitrophenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	88-75-5	
4-Nitrophenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	86-30-6	
Pentachlorophenol	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	87-86-5	
Phenanthrene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	85-01-8	
Phenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	108-95-2	
Pyrene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346029** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	963	1	06/02/10 20:36	06/06/10 21:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	385	1	06/02/10 20:36	06/06/10 21:00	88-06-2	
Nitrobenzene-d5 (S)	97	%	35-114	1	06/02/10 20:36	06/06/10 21:00	4165-60-0	
2-Fluorobiphenyl (S)	91	%	43-116	1	06/02/10 20:36	06/06/10 21:00	321-60-8	
Terphenyl-d14 (S)	106	%	33-141	1	06/02/10 20:36	06/06/10 21:00	1718-51-0	
Phenol-d6 (S)	90	%	10-110	1	06/02/10 20:36	06/06/10 21:00	13127-88-3	
2-Fluorophenol (S)	89	%	21-110	1	06/02/10 20:36	06/06/10 21:00	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-123	1	06/02/10 20:36	06/06/10 21:00	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**208**	ug/kg	9.8	1		06/02/10 18:24	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/02/10 18:24	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/02/10 18:24	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/02/10 18:24	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/02/10 18:24	74-83-9	
TOTAL BTEX	ND	ug/kg	29.5	1		06/02/10 18:24		
2-Butanone (MEK)	ND	ug/kg	9.8	1		06/02/10 18:24	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/02/10 18:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/02/10 18:24	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/02/10 18:24	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/02/10 18:24	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/02/10 18:24	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/02/10 18:24	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 18:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 18:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 18:24	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	1		06/02/10 18:24	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 18:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 18:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 18:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/02/10 18:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/02/10 18:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/02/10 18:24	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	100-41-4	
2-Hexanone	ND	ug/kg	9.8	1		06/02/10 18:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/02/10 18:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/02/10 18:24	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/02/10 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		06/02/10 18:24	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 **Lab ID: 3028346029** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/02/10 18:24	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/02/10 18:24	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/02/10 18:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/02/10 18:24	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/02/10 18:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/02/10 18:24	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/02/10 18:24	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/02/10 18:24	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/02/10 18:24	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		06/02/10 18:24	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		06/02/10 18:24	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/02/10 18:24	95-47-6	
Toluene-d8 (S)	98	%	70-130	1		06/02/10 18:24	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/02/10 18:24	460-00-4	
1,2-Dichloroethane-d4 (S)	138	%	70-130	1		06/02/10 18:24	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.2**	%	0.10	1		06/09/10 13:20		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**39.7**	mg/kg	5.6	1		06/02/10 15:56	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B1 ASTM **Lab ID: 3028346030** Collected: 05/25/10 15:15 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:06	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346031** Collected: 05/25/10 15:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14600**	mg/kg	6.6	1	05/30/10 16:05	06/10/10 06:30	7429-90-5	
Antimony	ND	mg/kg	0.33	1	05/30/10 16:05	06/10/10 09:54	7440-36-0	
Arsenic	**8.5**	mg/kg	0.33	1	05/30/10 16:05	06/10/10 09:54	7440-38-2	
Barium	**102**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:30	7440-39-3	
Beryllium	**0.94**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:30	7440-41-7	
Boron	**11.0**	mg/kg	3.3	1	05/30/10 16:05	06/10/10 06:30	7440-42-8	
Cadmium	**0.55**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 06:30	7440-43-9	
Calcium	**4160**	mg/kg	132	1	05/30/10 16:05	06/10/10 06:30	7440-70-2	
Chromium	**20.7**	mg/kg	0.33	1	05/30/10 16:05	06/10/10 06:30	7440-47-3	
Cobalt	**14.2**	mg/kg	0.66	1	05/30/10 16:05	06/10/10 06:30	7440-48-4	
Copper	**10.2**	mg/kg	0.66	1	05/30/10 16:05	06/10/10 06:30	7440-50-8	
Iron	**35600**	mg/kg	6.6	1	05/30/10 16:05	06/10/10 06:30	7439-89-6	
Lead	**17.3**	mg/kg	0.33	1	05/30/10 16:05	06/10/10 09:54	7439-92-1	
Magnesium	**6480**	mg/kg	33.1	1	05/30/10 16:05	06/10/10 06:30	7439-95-4	
Manganese	**524**	mg/kg	0.66	1	05/30/10 16:05	06/10/10 06:30	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:30	7439-98-7	
Nickel	**29.7**	mg/kg	1.3	1	05/30/10 16:05	06/10/10 06:30	7440-02-0	
Potassium	**2340**	mg/kg	33.1	1	05/30/10 16:05	06/10/10 06:30	7440-09-7	
Selenium	ND	mg/kg	0.33	1	05/30/10 16:05	06/10/10 06:30	7782-49-2	
Silver	**0.40**	mg/kg	0.13	1	05/30/10 16:05	06/10/10 09:54	7440-22-4	
Sodium	ND	mg/kg	331	1	05/30/10 16:05	06/10/10 06:30	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:05	06/10/10 09:54	7440-28-0	
Vanadium	**18.9**	mg/kg	0.66	1	05/30/10 16:05	06/10/10 06:30	7440-62-2	
Zinc	**64.8**	mg/kg	0.66	1	05/30/10 16:05	06/10/10 06:30	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 11:03	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	83-32-9	
Acenaphthylene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	208-96-8	
Anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	207-08-9	
Benzyl alcohol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	59-50-7	
4-Chloroaniline	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	108-60-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346031** Collected: 05/25/10 15:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	91-58-7	
2-Chlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	7005-72-3	
Chrysene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	53-70-3	
Dibenzofuran	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	120-83-2	
Diethylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	105-67-9	
Dimethylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	117-81-7	
Fluoranthene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	206-44-0	
Fluorene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	77-47-4	
Hexachloroethane	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	193-39-5	
Isophorone	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	78-59-1	
2-Methylnaphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	683	1	06/02/10 20:36	06/06/10 21:23		
Naphthalene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	91-20-3	
2-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	88-74-4	
3-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	99-09-2	
4-Nitroaniline	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	100-01-6	
Nitrobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	98-95-3	
2-Nitrophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	88-75-5	
4-Nitrophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	86-30-6	
Pentachlorophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	87-86-5	
Phenanthrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	85-01-8	
Phenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	108-95-2	
Pyrene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346031** Collected: 05/25/10 15:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	854	1	06/02/10 20:36	06/06/10 21:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	341	1	06/02/10 20:36	06/06/10 21:23	88-06-2	
Nitrobenzene-d5 (S)	85	%	35-114	1	06/02/10 20:36	06/06/10 21:23	4165-60-0	
2-Fluorobiphenyl (S)	82	%	43-116	1	06/02/10 20:36	06/06/10 21:23	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/02/10 20:36	06/06/10 21:23	1718-51-0	
Phenol-d6 (S)	73	%	10-110	1	06/02/10 20:36	06/06/10 21:23	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/02/10 20:36	06/06/10 21:23	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-123	1	06/02/10 20:36	06/06/10 21:23	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	16.2	1		06/02/10 18:46	67-64-1	
Benzene	ND	ug/kg	8.1	1		06/02/10 18:46	71-43-2	
Bromodichloromethane	ND	ug/kg	8.1	1		06/02/10 18:46	75-27-4	
Bromoform	ND	ug/kg	8.1	1		06/02/10 18:46	75-25-2	
Bromomethane	ND	ug/kg	8.1	1		06/02/10 18:46	74-83-9	
TOTAL BTEX	ND	ug/kg	48.7	1		06/02/10 18:46		
2-Butanone (MEK)	ND	ug/kg	16.2	1		06/02/10 18:46	78-93-3	
n-Butylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	135-98-8	
Carbon disulfide	ND	ug/kg	8.1	1		06/02/10 18:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.1	1		06/02/10 18:46	56-23-5	
Chlorobenzene	ND	ug/kg	8.1	1		06/02/10 18:46	108-90-7	
Chloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	75-00-3	
Chloroform	ND	ug/kg	8.1	1		06/02/10 18:46	67-66-3	
Chloromethane	ND	ug/kg	8.1	1		06/02/10 18:46	74-87-3	
Dibromochloromethane	ND	ug/kg	8.1	1		06/02/10 18:46	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	8.1	1		06/02/10 18:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.1	1		06/02/10 18:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.1	1		06/02/10 18:46	106-46-7	
1,1-Dichloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	16.2	1		06/02/10 18:46	540-59-0	
1,1-Dichloroethene	ND	ug/kg	8.1	1		06/02/10 18:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.1	1		06/02/10 18:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.1	1		06/02/10 18:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.1	1		06/02/10 18:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.1	1		06/02/10 18:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.1	1		06/02/10 18:46	10061-02-6	
Ethylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	100-41-4	
2-Hexanone	ND	ug/kg	16.2	1		06/02/10 18:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.1	1		06/02/10 18:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.1	1		06/02/10 18:46	99-87-6	
Methylene Chloride	ND	ug/kg	8.1	1		06/02/10 18:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	16.2	1		06/02/10 18:46	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 **Lab ID: 3028346031** Collected: 05/25/10 15:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	8.1	1		06/02/10 18:46	1634-04-4	
Naphthalene	ND	ug/kg	8.1	1		06/02/10 18:46	91-20-3	
n-Propylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	103-65-1	
Styrene	ND	ug/kg	8.1	1		06/02/10 18:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	79-34-5	
Tetrachloroethene	ND	ug/kg	8.1	1		06/02/10 18:46	127-18-4	
Toluene	ND	ug/kg	8.1	1		06/02/10 18:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.1	1		06/02/10 18:46	79-00-5	
Trichloroethene	ND	ug/kg	8.1	1		06/02/10 18:46	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.1	1		06/02/10 18:46	108-67-8	
Vinyl chloride	ND	ug/kg	8.1	1		06/02/10 18:46	75-01-4	
Xylene (Total)	ND	ug/kg	24.3	1		06/02/10 18:46	1330-20-7	
m&p-Xylene	ND	ug/kg	16.2	1		06/02/10 18:46	179601-23-1	
o-Xylene	ND	ug/kg	8.1	1		06/02/10 18:46	95-47-6	
Toluene-d8 (S)	100	%	70-130	1		06/02/10 18:46	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/02/10 18:46	460-00-4	
1,2-Dichloroethane-d4 (S)	146	%	70-130	1		06/02/10 18:46	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.1**	%	0.10	1		06/09/10 11:01		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	4.7	1		06/02/10 15:56	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]2-B2 ASTM **Lab ID: 3028346032** Collected: 05/25/10 15:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:07	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346033** Collected: 05/25/10 16:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12800**	mg/kg	7.7	1	05/30/10 16:05	06/10/10 06:33	7429-90-5	
Antimony	ND	mg/kg	0.39	1	05/30/10 16:05	06/10/10 09:59	7440-36-0	
Arsenic	**12.5**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 09:59	7440-38-2	
Barium	**72.3**	mg/kg	1.5	1	05/30/10 16:05	06/10/10 06:33	7440-39-3	
Beryllium	**0.60**	mg/kg	0.15	1	05/30/10 16:05	06/10/10 06:33	7440-41-7	
Boron	**7.4**	mg/kg	3.9	1	05/30/10 16:05	06/10/10 06:33	7440-42-8	
Cadmium	**0.32**	mg/kg	0.15	1	05/30/10 16:05	06/10/10 06:33	7440-43-9	
Calcium	**899**	mg/kg	155	1	05/30/10 16:05	06/10/10 06:33	7440-70-2	
Chromium	**14.4**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 06:33	7440-47-3	
Cobalt	**8.6**	mg/kg	0.77	1	05/30/10 16:05	06/10/10 06:33	7440-48-4	
Copper	**13.4**	mg/kg	0.77	1	05/30/10 16:05	06/10/10 06:33	7440-50-8	
Iron	**23500**	mg/kg	7.7	1	05/30/10 16:05	06/10/10 06:33	7439-89-6	
Lead	**13.1**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 09:59	7439-92-1	
Magnesium	**3820**	mg/kg	38.7	1	05/30/10 16:05	06/10/10 06:33	7439-95-4	
Manganese	**520**	mg/kg	0.77	1	05/30/10 16:05	06/10/10 06:33	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:05	06/10/10 06:33	7439-98-7	
Nickel	**19.3**	mg/kg	1.5	1	05/30/10 16:05	06/10/10 06:33	7440-02-0	
Potassium	**1450**	mg/kg	38.7	1	05/30/10 16:05	06/10/10 06:33	7440-09-7	
Selenium	**0.50**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 06:33	7782-49-2	
Silver	**0.22**	mg/kg	0.15	1	05/30/10 16:05	06/10/10 09:59	7440-22-4	
Sodium	ND	mg/kg	387	1	05/30/10 16:05	06/10/10 06:33	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:05	06/10/10 09:59	7440-28-0	
Vanadium	**18.1**	mg/kg	0.77	1	05/30/10 16:05	06/10/10 06:33	7440-62-2	
Zinc	**58.4**	mg/kg	0.77	1	05/30/10 16:05	06/10/10 06:33	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 11:05	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	83-32-9	
Acenaphthylene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	208-96-8	
Anthracene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	207-08-9	
Benzyl alcohol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	59-50-7	
4-Chloroaniline	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B1 **Lab ID: 3028346033** Collected: 05/25/10 16:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	91-58-7	
2-Chlorophenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	7005-72-3	
Chrysene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	53-70-3	
Dibenzofuran	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	120-83-2	
Diethylphthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	105-67-9	
Dimethylphthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	117-81-7	
Fluoranthene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	206-44-0	
Fluorene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	87-68-3	
Hexachlorobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	77-47-4	
Hexachloroethane	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	193-39-5	
Isophorone	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	78-59-1	
2-Methylnaphthalene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	710	1	06/02/10 20:36	06/06/10 21:45		
Naphthalene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	91-20-3	
2-Nitroaniline	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	88-74-4	
3-Nitroaniline	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	99-09-2	
4-Nitroaniline	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	100-01-6	
Nitrobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	98-95-3	
2-Nitrophenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	88-75-5	
4-Nitrophenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	86-30-6	
Pentachlorophenol	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	87-86-5	
Phenanthrene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	85-01-8	
Phenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	108-95-2	
Pyrene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**1-B1** **Lab ID: 3028346033** Collected: 05/25/10 16:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	888	1	06/02/10 20:36	06/06/10 21:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	355	1	06/02/10 20:36	06/06/10 21:45	88-06-2	
Nitrobenzene-d5 (S)	115	%	35-114	1	06/02/10 20:36	06/06/10 21:45	4165-60-0	S3
2-Fluorobiphenyl (S)	100	%	43-116	1	06/02/10 20:36	06/06/10 21:45	321-60-8	
Terphenyl-d14 (S)	127	%	33-141	1	06/02/10 20:36	06/06/10 21:45	1718-51-0	
Phenol-d6 (S)	96	%	10-110	1	06/02/10 20:36	06/06/10 21:45	13127-88-3	
2-Fluorophenol (S)	91	%	21-110	1	06/02/10 20:36	06/06/10 21:45	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-123	1	06/02/10 20:36	06/06/10 21:45	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**31.1**	ug/kg	9.8	1		06/02/10 19:09	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/02/10 19:09	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/02/10 19:09	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/02/10 19:09	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/02/10 19:09	74-83-9	
TOTAL BTEX	ND	ug/kg	29.3	1		06/02/10 19:09		
2-Butanone (MEK)	ND	ug/kg	9.8	1		06/02/10 19:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/02/10 19:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/02/10 19:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/02/10 19:09	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/02/10 19:09	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/02/10 19:09	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/02/10 19:09	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 19:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/02/10 19:09	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	1		06/02/10 19:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 19:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 19:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/02/10 19:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/02/10 19:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/02/10 19:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/02/10 19:09	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	100-41-4	
2-Hexanone	ND	ug/kg	9.8	1		06/02/10 19:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/02/10 19:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/02/10 19:09	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/02/10 19:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		06/02/10 19:09	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]-1-B1 **Lab ID: 3028346033** Collected: 05/25/10 16:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/02/10 19:09	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/02/10 19:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/02/10 19:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/02/10 19:09	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/02/10 19:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/02/10 19:09	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/02/10 19:09	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/02/10 19:09	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/02/10 19:09	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	1		06/02/10 19:09	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		06/02/10 19:09	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/02/10 19:09	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 19:09	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/02/10 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	141	%	70-130	1		06/02/10 19:09	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.1**	%	0.10	1		06/09/10 11:03		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**12.4**	mg/kg	5.1	1		06/06/10 16:50	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]**1-B1 ASTM** **Lab ID: 3028346034** Collected: 05/25/10 16:00 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:08	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346035** Collected: 05/25/10 16:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11700**	mg/kg	7.9	1	05/30/10 16:05	06/10/10 06:36	7429-90-5	
Antimony	ND	mg/kg	0.39	1	05/30/10 16:05	06/10/10 10:03	7440-36-0	
Arsenic	**10.1**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 10:03	7440-38-2	
Barium	**64.2**	mg/kg	1.6	1	05/30/10 16:05	06/10/10 06:36	7440-39-3	
Beryllium	**0.52**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 06:36	7440-41-7	
Boron	**6.5**	mg/kg	3.9	1	05/30/10 16:05	06/10/10 06:36	7440-42-8	
Cadmium	**0.36**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 06:36	7440-43-9	
Calcium	**721**	mg/kg	158	1	05/30/10 16:05	06/10/10 06:36	7440-70-2	
Chromium	**12.6**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 06:36	7440-47-3	
Cobalt	**9.6**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 06:36	7440-48-4	
Copper	**13.7**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 06:36	7440-50-8	
Iron	**22400**	mg/kg	7.9	1	05/30/10 16:05	06/10/10 06:36	7439-89-6	
Lead	**15.5**	mg/kg	0.39	1	05/30/10 16:05	06/10/10 10:03	7439-92-1	
Magnesium	**3710**	mg/kg	39.5	1	05/30/10 16:05	06/10/10 06:36	7439-95-4	
Manganese	**701**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 06:36	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	05/30/10 16:05	06/10/10 06:36	7439-98-7	
Nickel	**19.5**	mg/kg	1.6	1	05/30/10 16:05	06/10/10 06:36	7440-02-0	
Potassium	**1440**	mg/kg	39.5	1	05/30/10 16:05	06/10/10 06:36	7440-09-7	
Selenium	ND	mg/kg	0.39	1	05/30/10 16:05	06/10/10 06:36	7782-49-2	
Silver	**0.21**	mg/kg	0.16	1	05/30/10 16:05	06/10/10 10:03	7440-22-4	
Sodium	ND	mg/kg	395	1	05/30/10 16:05	06/10/10 06:36	7440-23-5	
Thallium	ND	mg/kg	1.6	1	05/30/10 16:05	06/10/10 10:03	7440-28-0	
Vanadium	**13.2**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 06:36	7440-62-2	
Zinc	**58.6**	mg/kg	0.79	1	05/30/10 16:05	06/10/10 06:36	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	05/27/10 15:44	05/28/10 11:06	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	83-32-9	
Acenaphthylene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	208-96-8	
Anthracene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	207-08-9	
Benzyl alcohol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	59-50-7	
4-Chloroaniline	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	108-60-1	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346035** Collected: 05/25/10 16:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	91-58-7	
2-Chlorophenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	7005-72-3	
Chrysene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	53-70-3	
Dibenzofuran	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	120-83-2	
Diethylphthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	105-67-9	
Dimethylphthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	117-81-7	
Fluoranthene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	206-44-0	
Fluorene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	87-68-3	
Hexachlorobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	77-47-4	
Hexachloroethane	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	193-39-5	
Isophorone	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	78-59-1	
2-Methylnaphthalene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	708	1	06/02/10 20:36	06/06/10 22:07		
Naphthalene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	91-20-3	
2-Nitroaniline	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	88-74-4	
3-Nitroaniline	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	99-09-2	
4-Nitroaniline	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	100-01-6	
Nitrobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	98-95-3	
2-Nitrophenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	88-75-5	
4-Nitrophenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	86-30-6	
Pentachlorophenol	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	87-86-5	
Phenanthrene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	85-01-8	
Phenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	108-95-2	
Pyrene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 **Lab ID: 3028346035** Collected: 05/25/10 16:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	886	1	06/02/10 20:36	06/06/10 22:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	354	1	06/02/10 20:36	06/06/10 22:07	88-06-2	
Nitrobenzene-d5 (S)	101	%	35-114	1	06/02/10 20:36	06/06/10 22:07	4165-60-0	
2-Fluorobiphenyl (S)	95	%	43-116	1	06/02/10 20:36	06/06/10 22:07	321-60-8	
Terphenyl-d14 (S)	121	%	33-141	1	06/02/10 20:36	06/06/10 22:07	1718-51-0	
Phenol-d6 (S)	83	%	10-110	1	06/02/10 20:36	06/06/10 22:07	13127-88-3	
2-Fluorophenol (S)	81	%	21-110	1	06/02/10 20:36	06/06/10 22:07	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-123	1	06/02/10 20:36	06/06/10 22:07	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**70.3**	ug/kg	10.8	1		06/02/10 19:31	67-64-1	
Benzene	ND	ug/kg	5.4	1		06/02/10 19:31	71-43-2	
Bromodichloromethane	ND	ug/kg	5.4	1		06/02/10 19:31	75-27-4	
Bromoform	ND	ug/kg	5.4	1		06/02/10 19:31	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		06/02/10 19:31	74-83-9	
TOTAL BTEX	ND	ug/kg	32.4	1		06/02/10 19:31		
2-Butanone (MEK)	ND	ug/kg	10.8	1		06/02/10 19:31	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	135-98-8	
Carbon disulfide	ND	ug/kg	5.4	1		06/02/10 19:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		06/02/10 19:31	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		06/02/10 19:31	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	75-00-3	
Chloroform	ND	ug/kg	5.4	1		06/02/10 19:31	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		06/02/10 19:31	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		06/02/10 19:31	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		06/02/10 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		06/02/10 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		06/02/10 19:31	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.8	1		06/02/10 19:31	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.4	1		06/02/10 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/02/10 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/02/10 19:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		06/02/10 19:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/02/10 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/02/10 19:31	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	100-41-4	
2-Hexanone	ND	ug/kg	10.8	1		06/02/10 19:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		06/02/10 19:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		06/02/10 19:31	99-87-6	
Methylene Chloride	ND	ug/kg	5.4	1		06/02/10 19:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	1		06/02/10 19:31	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3026346

Sample: [redacted]1-B2 **Lab ID: 3028346035** Collected: 05/25/10 16:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		06/02/10 19:31	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		06/02/10 19:31	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	103-65-1	
Styrene	ND	ug/kg	5.4	1		06/02/10 19:31	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		06/02/10 19:31	127-18-4	
Toluene	ND	ug/kg	5.4	1		06/02/10 19:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		06/02/10 19:31	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		06/02/10 19:31	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		06/02/10 19:31	108-67-8	
Vinyl chloride	ND	ug/kg	5.4	1		06/02/10 19:31	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	1		06/02/10 19:31	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	1		06/02/10 19:31	179601-23-1	
o-Xylene	ND	ug/kg	5.4	1		06/02/10 19:31	95-47-6	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 19:31	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 19:31	460-00-4	
1,2-Dichloroethane-d4 (S)	145	%	70-130	1		06/02/10 19:31	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.2**	%	0.10	1		06/09/10 11:03		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**7.2**	mg/kg	5.2	1		06/06/10 16:51	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: [redacted]1-B2 ASTM **Lab ID: 3028346036** Collected: 05/25/10 16:30 Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 17:42		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		05/28/10 16:08	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: TRIP BLANK **Lab ID: 3028346037** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/27/10 16:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/27/10 16:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/27/10 16:08	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		05/27/10 16:08	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/27/10 16:08	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		05/27/10 16:08	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/27/10 16:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 16:08	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/27/10 16:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/27/10 16:08	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/27/10 16:08	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 16:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 16:08	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		05/27/10 16:08	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		05/27/10 16:08	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		05/27/10 16:08	108-10-1	
Acetone	ND	ug/L	10.0	1		05/27/10 16:08	67-64-1	
Benzene	ND	ug/L	1.0	1		05/27/10 16:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		05/27/10 16:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		05/27/10 16:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		05/27/10 16:08	75-25-2	
Bromomethane	ND	ug/L	1.0	1		05/27/10 16:08	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		05/27/10 16:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		05/27/10 16:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/27/10 16:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/27/10 16:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/27/10 16:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/27/10 16:08	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/27/10 16:08	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		05/27/10 16:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		05/27/10 16:08	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		05/27/10 16:08	75-09-2	
Naphthalene	ND	ug/L	2.0	1		05/27/10 16:08	91-20-3	
Styrene	ND	ug/L	1.0	1		05/27/10 16:08	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		05/27/10 16:08	127-18-4	
Toluene	ND	ug/L	1.0	1		05/27/10 16:08	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		05/27/10 16:08	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/10 16:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		05/27/10 16:08	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/27/10 16:08	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/27/10 16:08	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		05/27/10 16:08	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	103-65-1	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028346

Sample: TRIP BLANK **Lab ID: 3028346037** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		05/27/10 16:08	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		05/27/10 16:08	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		05/27/10 16:08	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/27/10 16:08	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/27/10 16:08	10061-02-6	
4-Bromofluorobenzene (S)	97	%	70-130	1		05/27/10 16:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		05/27/10 16:08	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		05/27/10 16:08	2037-26-5	

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CABOT-EPA 004676

DIM0223739 DIM0224069

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MPRP/3949 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019

METHOD BLANK: 176676 Matrix: Solid
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/03/10 09:47	
Antimony	mg/kg	ND	0.50	06/03/10 09:47	
Arsenic	mg/kg	ND	0.50	06/03/10 09:47	
Barium	mg/kg	ND	2.0	06/03/10 09:47	
Beryllium	mg/kg	ND	0.20	06/03/10 09:47	
Boron	mg/kg	ND	5.0	06/03/10 09:47	
Cadmium	mg/kg	ND	0.20	06/03/10 09:47	
Calcium	mg/kg	ND	200	06/03/10 09:47	
Chromium	mg/kg	ND	0.50	06/03/10 09:47	
Cobalt	mg/kg	ND	1.0	06/03/10 09:47	
Copper	mg/kg	ND	1.0	06/03/10 09:47	
Iron	mg/kg	ND	10.0	06/03/10 09:47	
Lead	mg/kg	ND	0.50	06/03/10 09:47	
Magnesium	mg/kg	ND	50.0	06/03/10 09:47	
Manganese	mg/kg	ND	1.0	06/03/10 09:47	
Molybdenum	mg/kg	ND	2.0	06/03/10 09:47	
Nickel	mg/kg	ND	2.0	06/03/10 09:47	
Potassium	mg/kg	ND	50.0	06/03/10 09:47	
Selenium	mg/kg	ND	0.50	06/03/10 09:47	
Silver	mg/kg	ND	0.20	06/03/10 09:47	
Sodium	mg/kg	ND	500	06/03/10 09:47	
Thallium	mg/kg	ND	2.0	06/03/10 09:47	
Vanadium	mg/kg	ND	1.0	06/03/10 09:47	
Zinc	mg/kg	ND	1.0	06/03/10 09:47	

LABORATORY CONTROL SAMPLE: 176677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	470	94	80-120	
Antimony	mg/kg	50	46.3	93	80-120	
Arsenic	mg/kg	50	46.2	92	80-120	
Barium	mg/kg	50	48.5	97	80-120	
Beryllium	mg/kg	50	48.5	97	80-120	
Boron	mg/kg	50	43.8	88	80-120	
Cadmium	mg/kg	50	48.3	97	80-120	
Calcium	mg/kg	500	479	96	80-120	
Chromium	mg/kg	50	49.2	98	80-120	
Cobalt	mg/kg	50	48.2	96	80-120	
Copper	mg/kg	50	49.2	98	80-120	
Iron	mg/kg	500	495	99	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 176677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	47.1	94	80-120	
Magnesium	mg/kg	500	471	94	80-120	
Manganese	mg/kg	50	48.7	97	80-120	
Molybdenum	mg/kg	50	49.2	98	80-120	
Nickel	mg/kg	50	48.6	97	80-120	
Potassium	mg/kg	500	441	88	80-120	
Selenium	mg/kg	50	40.4	81	80-120	
Silver	mg/kg	25	24.0	96	80-120	
Sodium	mg/kg	500	487J	97	80-120	
Thallium	mg/kg	50	47.6	95	80-120	
Vanadium	mg/kg	50	48.4	97	80-120	
Zinc	mg/kg	50	47.4	95	80-120	

MATRIX SPIKE SAMPLE: 176679

Parameter	Units	3028495001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	7740	338	7810	19	80-120	M1
Antimony	mg/kg	2.5J	33.8	26.9	72	80-120	M1
Arsenic	mg/kg	2.0U	33.8	34.2	97	80-120	
Barium	mg/kg	73.8	33.8	211	405	80-120	M1
Beryllium	mg/kg	0.81U	33.8	32.4	94	80-120	
Boron	mg/kg	59.3	33.8	89.4	89	80-120	
Cadmium	mg/kg	1.4J	33.8	32.5	92	80-120	
Calcium	mg/kg	328000	338	336000	2580	80-120	M1
Chromium	mg/kg	2800	33.8	2290	-1510	80-120	M1
Cobalt	mg/kg	7.1J	33.8	38.9	94	80-120	
Copper	mg/kg	9.8	33.8	44.5	103	80-120	
Iron	mg/kg	71000	338	38600	-9590	80-120	M1
Lead	mg/kg	2.0U	33.8	38.0	113	80-120	
Magnesium	mg/kg	69600	338	68900	-214	80-120	M1
Manganese	mg/kg	3380	33.8	3870	1450	80-120	M1
Molybdenum	mg/kg	18.5	33.8	42.4	71	80-120	M1
Nickel	mg/kg	175	33.8	223	142	80-120	M1
Potassium	mg/kg	475	338	823	103	80-120	
Selenium	mg/kg	2.0U	33.8	30.2	88	80-120	
Silver	mg/kg	1.2J	16.9	17.6	97	80-120	
Sodium	mg/kg	543J	338	763J	65	80-120	M1
Thallium	mg/kg	3.5J	33.8	36.3	97	80-120	
Vanadium	mg/kg	67.3	33.8	93.4	77	80-120	M1
Zinc	mg/kg	0.18U	33.8	31.4	93	80-120	

SAMPLE DUPLICATE: 176678

Parameter	Units	3028495001 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	7740	6810	13	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

SAMPLE DUPLICATE: 176678

Parameter	Units	3028495001 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	2.5J	ND		
Arsenic	mg/kg	2.0U	5.0		
Barium	mg/kg	73.8	64.8	13	
Beryllium	mg/kg	0.81U	ND		
Boron	mg/kg	59.3	57.4	3	
Cadmium	mg/kg	1.4J	1.1J		
Calcium	mg/kg	328000	314000	4	
Chromium	mg/kg	2800	3050	8	
Cobalt	mg/kg	7.1J	18.1		
Copper	mg/kg	9.8	21.2	74	D6
Iron	mg/kg	71000	57700	21	D6
Lead	mg/kg	2.0U	ND		
Magnesium	mg/kg	69600	69700	.04	
Manganese	mg/kg	3380	2730	21	D6
Molybdenum	mg/kg	18.5	14.3	25	D6
Nickel	mg/kg	175	740	124	D6
Potassium	mg/kg	475	434	9	
Selenium	mg/kg	2.0U	ND		
Silver	mg/kg	1.2J	ND		
Sodium	mg/kg	543J	471J		
Thallium	mg/kg	3.5J	2.8J		
Vanadium	mg/kg	67.3	64.1	5	
Zinc	mg/kg	0.18U	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MPRP/3950 | Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

METHOD BLANK: 176680 | Matrix: Solid
Associated Lab Samples: 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/10/10 05:42	
Antimony	mg/kg	ND	0.50	06/10/10 07:17	
Arsenic	mg/kg	ND	0.50	06/10/10 07:17	
Barium	mg/kg	ND	2.0	06/10/10 05:42	
Beryllium	mg/kg	ND	0.20	06/10/10 05:42	
Boron	mg/kg	ND	5.0	06/10/10 05:42	
Cadmium	mg/kg	ND	0.20	06/10/10 05:42	
Calcium	mg/kg	ND	200	06/10/10 05:42	
Chromium	mg/kg	ND	0.50	06/10/10 05:42	
Cobalt	mg/kg	ND	1.0	06/10/10 05:42	
Copper	mg/kg	ND	1.0	06/10/10 05:42	
Iron	mg/kg	ND	10.0	06/10/10 05:42	
Lead	mg/kg	ND	0.50	06/10/10 07:17	
Magnesium	mg/kg	ND	50.0	06/10/10 05:42	
Manganese	mg/kg	ND	1.0	06/10/10 05:42	
Molybdenum	mg/kg	ND	2.0	06/10/10 05:42	
Nickel	mg/kg	ND	2.0	06/10/10 05:42	
Potassium	mg/kg	ND	50.0	06/10/10 05:42	
Selenium	mg/kg	ND	0.50	06/10/10 05:42	
Silver	mg/kg	ND	0.20	06/10/10 07:17	
Sodium	mg/kg	ND	500	06/10/10 05:42	
Thallium	mg/kg	ND	2.0	06/10/10 07:17	
Vanadium	mg/kg	ND	1.0	06/10/10 05:42	
Zinc	mg/kg	ND	1.0	06/10/10 05:42	

LABORATORY CONTROL SAMPLE: 176681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	465	93	80-120	
Antimony	mg/kg	50	45.1	90	80-120	
Arsenic	mg/kg	50	45.2	90	80-120	
Barium	mg/kg	50	48.6	97	80-120	
Beryllium	mg/kg	50	49.0	98	80-120	
Boron	mg/kg	50	44.5	89	80-120	
Cadmium	mg/kg	50	49.3	99	80-120	
Calcium	mg/kg	500	491	98	80-120	
Chromium	mg/kg	50	49.8	100	80-120	
Cobalt	mg/kg	50	48.5	97	80-120	
Copper	mg/kg	50	49.4	99	80-120	
Iron	mg/kg	500	496	99	80-120	
Lead	mg/kg	50	46.2	92	80-120	

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CABOT-EPA 004680

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 176681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	mg/kg	500	481	96	80-120	
Manganese	mg/kg	50	49.6	99	80-120	
Molybdenum	mg/kg	50	50.0	100	80-120	
Nickel	mg/kg	50	48.8	98	80-120	
Potassium	mg/kg	500	436	87	80-120	
Selenium	mg/kg	50	41.6	83	80-120	
Silver	mg/kg	25	23.3	93	80-120	
Sodium	mg/kg	500	486J	97	80-120	
Thallium	mg/kg	50	45.0	90	80-120	
Vanadium	mg/kg	50	48.7	97	80-120	
Zinc	mg/kg	50	48.2	96	80-120	

MATRIX SPIKE SAMPLE: 176683

Parameter	Units	3028346021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	12900	347	15100	620	80-120	M0
Antimony	mg/kg	ND	34.7	10.6	30	80-120	M0
Arsenic	mg/kg	1.7	34.7	28.7	78	80-120	M0
Barium	mg/kg	76.9	34.7	106	84	80-120	
Beryllium	mg/kg	0.85	34.7	33.3	94	80-120	
Boron	mg/kg	10.8	34.7	38.9	81	80-120	
Cadmium	mg/kg	0.34	34.7	31.8	91	80-120	
Calcium	mg/kg	731	347	898	48	80-120	M0
Chromium	mg/kg	19.8	34.7	54.0	99	80-120	
Cobalt	mg/kg	12.2	34.7	43.5	90	80-120	
Copper	mg/kg	2.7	34.7	36.0	96	80-120	
Iron	mg/kg	36000	347	38400	687	80-120	M0
Lead	mg/kg	2.8	34.7	34.5	91	80-120	
Magnesium	mg/kg	4900	347	5050	44	80-120	M0
Manganese	mg/kg	232	34.7	246	39	80-120	M0
Molybdenum	mg/kg	ND	34.7	31.2	90	80-120	
Nickel	mg/kg	34.2	34.7	64.7	88	80-120	
Potassium	mg/kg	2100	347	2720	180	80-120	M0
Selenium	mg/kg	ND	34.7	22.5	65	80-120	M0
Silver	mg/kg	0.44	17.3	15.9	89	80-120	
Sodium	mg/kg	ND	347	506	94	80-120	
Thallium	mg/kg	ND	34.7	28.6	83	80-120	
Vanadium	mg/kg	18.6	34.7	53.4	101	80-120	
Zinc	mg/kg	58.9	34.7	93.3	99	80-120	

SAMPLE DUPLICATE: 176682

Parameter	Units	3028346021 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	12900	14300	10	
Antimony	mg/kg	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

SAMPLE DUPLICATE: 176682

Parameter	Units	3028346021 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/kg	1.7	2.4	33	D6
Barium	mg/kg	76.9	72.8	5	
Beryllium	mg/kg	0.85	0.87	3	
Boron	mg/kg	10.8	11.2	4	
Cadmium	mg/kg	0.34	0.38	11	
Calcium	mg/kg	731	596	20	
Chromium	mg/kg	19.8	20.8	5	
Cobalt	mg/kg	12.2	11.6	6	
Copper	mg/kg	2.7	3.2	17	
Iron	mg/kg	36000	38300	6	
Lead	mg/kg	2.8	3.0	7	
Magnesium	mg/kg	4900	4600	6	
Manganese	mg/kg	232	214	8	
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	34.2	32.6	5	
Potassium	mg/kg	2100	2090	.2	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	0.44	0.43	1	
Sodium	mg/kg	ND	169J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	18.6	20.5	10	
Zinc	mg/kg	58.9	63.9	8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MERP/1952 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

METHOD BLANK: 175440 Matrix: Solid
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	05/28/10 10:25	

LABORATORY CONTROL SAMPLE: 175441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.046J	111	85-115	

MATRIX SPIKE SAMPLE: 175443

Parameter	Units	3028346001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.12	104	75-125	

SAMPLE DUPLICATE: 175442

Parameter	Units	3028346001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.0056J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: OEXT/5063 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

METHOD BLANK: 177209 Matrix: Solid
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/06/10 14:20	
1,2-Dichlorobenzene	ug/kg	ND	333	06/06/10 14:20	
1,3-Dichlorobenzene	ug/kg	ND	333	06/06/10 14:20	
1,4-Dichlorobenzene	ug/kg	ND	333	06/06/10 14:20	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/06/10 14:20	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/06/10 14:20	
2,4-Dichlorophenol	ug/kg	ND	333	06/06/10 14:20	
2,4-Dimethylphenol	ug/kg	ND	333	06/06/10 14:20	
2,4-Dinitrophenol	ug/kg	ND	833	06/06/10 14:20	
2,4-Dinitrotoluene	ug/kg	ND	333	06/06/10 14:20	
2,6-Dinitrotoluene	ug/kg	ND	333	06/06/10 14:20	
2-Chloronaphthalene	ug/kg	ND	333	06/06/10 14:20	
2-Chlorophenol	ug/kg	ND	333	06/06/10 14:20	
2-Methylnaphthalene	ug/kg	ND	333	06/06/10 14:20	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/06/10 14:20	
2-Nitroaniline	ug/kg	ND	833	06/06/10 14:20	
2-Nitrophenol	ug/kg	ND	333	06/06/10 14:20	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/06/10 14:20	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/06/10 14:20	
3-Nitroaniline	ug/kg	ND	833	06/06/10 14:20	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/06/10 14:20	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/06/10 14:20	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/06/10 14:20	
4-Chloroaniline	ug/kg	ND	333	06/06/10 14:20	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/06/10 14:20	
4-Nitroaniline	ug/kg	ND	833	06/06/10 14:20	
4-Nitrophenol	ug/kg	ND	333	06/06/10 14:20	
Acenaphthene	ug/kg	ND	333	06/06/10 14:20	
Acenaphthylene	ug/kg	ND	333	06/06/10 14:20	
Anthracene	ug/kg	ND	333	06/06/10 14:20	
Benzo(a)anthracene	ug/kg	ND	333	06/06/10 14:20	
Benzo(a)pyrene	ug/kg	ND	333	06/06/10 14:20	
Benzo(b)fluoranthene	ug/kg	ND	333	06/06/10 14:20	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/06/10 14:20	
Benzo(k)fluoranthene	ug/kg	ND	333	06/06/10 14:20	
Benzyl alcohol	ug/kg	ND	333	06/06/10 14:20	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/06/10 14:20	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/06/10 14:20	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/06/10 14:20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

METHOD BLANK: 177209 Matrix: Solid

Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/06/10 14:20	
Butylbenzylphthalate	ug/kg	ND	333	06/06/10 14:20	
Chrysene	ug/kg	ND	333	06/06/10 14:20	
Di-n-butylphthalate	ug/kg	ND	333	06/06/10 14:20	
Di-n-octylphthalate	ug/kg	ND	333	06/06/10 14:20	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/06/10 14:20	
Dibenzofuran	ug/kg	ND	333	06/06/10 14:20	
Diethylphthalate	ug/kg	ND	333	06/06/10 14:20	
Dimethylphthalate	ug/kg	ND	333	06/06/10 14:20	
Fluoranthene	ug/kg	ND	333	06/06/10 14:20	
Fluorene	ug/kg	ND	333	06/06/10 14:20	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/06/10 14:20	
Hexachlorobenzene	ug/kg	ND	333	06/06/10 14:20	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/06/10 14:20	
Hexachloroethane	ug/kg	ND	333	06/06/10 14:20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/06/10 14:20	
Isophorone	ug/kg	ND	333	06/06/10 14:20	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/06/10 14:20	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/06/10 14:20	
Naphthalene	ug/kg	ND	333	06/06/10 14:20	
Nitrobenzene	ug/kg	ND	333	06/06/10 14:20	
Pentachlorophenol	ug/kg	ND	833	06/06/10 14:20	
Phenanthrene	ug/kg	ND	333	06/06/10 14:20	
Phenol	ug/kg	ND	333	06/06/10 14:20	
Pyrene	ug/kg	ND	333	06/06/10 14:20	
2,4,6-Tribromophenol (S)	%	64	10-123	06/06/10 14:20	
2-Fluorobiphenyl (S)	%	83	43-116	06/06/10 14:20	
2-Fluorophenol (S)	%	83	21-110	06/06/10 14:20	
Nitrobenzene-d5 (S)	%	94	35-114	06/06/10 14:20	
Phenol-d6 (S)	%	86	10-110	06/06/10 14:20	
Terphenyl-d14 (S)	%	104	33-141	06/06/10 14:20	

LABORATORY CONTROL SAMPLE: 177210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2670	80	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2650	79	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 177210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3330	2810	84	34-115	
2,6-Dinitrotoluene	ug/kg		ND			
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2890	87	40-140	
2-Methylnaphthalene	ug/kg	3330	2460	74	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	3270	98	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	3250	98	27-125	
Acenaphthene	ug/kg	3330	3110	93	48-114	
Acenaphthylene	ug/kg	3330	3220	97	40-140	
Anthracene	ug/kg	3330	3170	95	40-140	
Benzo(a)anthracene	ug/kg	3330	3180	95	40-140	
Benzo(a)pyrene	ug/kg	3330	3260	98	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3300	99	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2460	74	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3650	110	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3130	94	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2560	77	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2990	90	40-140	
Fluorene	ug/kg	3330	2960	89	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2230	67	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3940	118	43-126	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 177210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2830	85	40-140	
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	2110	63	14-127	
Phenanthrene	ug/kg	3330	3290	99	40-140	
Phenol	ug/kg	3330	2930	88	39-120	
Pyrene	ug/kg	3330	3250	98	43-135	
2,4,6-Tribromophenol (S)	%			80	10-123	
2-Fluorobiphenyl (S)	%			90	43-116	
2-Fluorophenol (S)	%			85	21-110	
Nitrobenzene-d5 (S)	%			99	35-114	
Phenol-d6 (S)	%			97	10-110	
Terphenyl-d14 (S)	%			107	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177211 177212

Parameter	Units	3028346001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3660	3640	3080	2850	84	78	43-120	8	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3660	3640	3050	2930	83	81	37-118	4	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3660	3640	3040	3090	83	85	34-115	2	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3660	3640	3280	3170	89	87	40-140	3	
2-Methylnaphthalene	ug/kg	ND	3660	3640	2840	2890	77	79	40-140	2	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3660	3640	3370	3270	92	90	42-130	3	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3660	3640	3340	2980	91	82	27-125	11	
Acenaphthene	ug/kg	ND	3660	3640	3550	3390	97	93	48-114	5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177211 177212

Parameter	Units	3028346001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthylene	ug/kg	ND	3660	3640	3660	3520	100	97	40-140	4	
Anthracene	ug/kg	ND	3660	3640	3460	3520	94	97	40-140	2	
Benzo(a)anthracene	ug/kg	ND	3660	3640	3430	3340	94	92	40-140	3	
Benzo(a)pyrene	ug/kg	ND	3660	3640	3610	3390	99	93	40-140	6	
Benzo(b)fluoranthene	ug/kg	ND	3660	3640	3660	3540	100	97	40-140	3	
Benzo(g,h,i)perylene	ug/kg	ND	3660	3640	2760	2740	75	75	40-140	.7	
Benzo(k)fluoranthene	ug/kg	ND	3660	3640	4240	3720	116	102	40-140	13	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3660	3640	3550	3330	97	91	40-140	6	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3660	3640	2830	2730	77	75	40-140	3	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3660	3640	2970	3120	81	86	40-140	5	
Fluorene	ug/kg	ND	3660	3640	3290	3240	90	89	40-140	1	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3660	3640	2410	2910	66	80	40-140	19	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3660	3640	4410	4380	120	120	43-126	.7	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3660	3640	3290	3150	90	86	40-140	5	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3660	3640	2490	2500	68	69	14-127	.4	
Phenanthrene	ug/kg	ND	3660	3640	3410	3420	93	94	40-140	.3	
Phenol	ug/kg	ND	3660	3640	3180	3230	87	89	39-120	2	
Pyrene	ug/kg	ND	3660	3640	3890	3560	106	98	43-135	9	
2,4,6-Tribromophenol (S)	%						76	70	10-123		
2-Fluorobiphenyl (S)	%						96	91	43-116		
2-Fluorophenol (S)	%						82	77	21-110		
Nitrobenzene-d5 (S)	%						107	101	35-114		
Phenol-d6 (S)	%						90	86	10-110		
Terphenyl-d14 (S)	%						117	101	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MSV/6036 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346029, 3028346031, 3028346033, 3028346035

METHOD BLANK: 177716 Matrix: Solid
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/02/10 12:22	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/02/10 12:22	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/02/10 12:22	
1,1-Dichloroethane	ug/kg	ND	5.0	06/02/10 12:22	
1,1-Dichloroethene	ug/kg	ND	5.0	06/02/10 12:22	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/02/10 12:22	
1,2-Dichloroethane	ug/kg	ND	5.0	06/02/10 12:22	
1,2-Dichloropropane	ug/kg	ND	5.0	06/02/10 12:22	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/02/10 12:22	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/02/10 12:22	
2-Butanone (MEK)	ug/kg	ND	10.0	06/02/10 12:22	
2-Hexanone	ug/kg	ND	10.0	06/02/10 12:22	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/02/10 12:22	
Acetone	ug/kg	ND	10.0	06/02/10 12:22	
Benzene	ug/kg	ND	5.0	06/02/10 12:22	
Bromodichloromethane	ug/kg	ND	5.0	06/02/10 12:22	
Bromoform	ug/kg	ND	5.0	06/02/10 12:22	
Bromomethane	ug/kg	ND	5.0	06/02/10 12:22	
Carbon disulfide	ug/kg	ND	5.0	06/02/10 12:22	
Carbon tetrachloride	ug/kg	ND	5.0	06/02/10 12:22	
Chlorobenzene	ug/kg	ND	5.0	06/02/10 12:22	
Chloroethane	ug/kg	ND	5.0	06/02/10 12:22	
Chloroform	ug/kg	ND	5.0	06/02/10 12:22	
Chloromethane	ug/kg	ND	5.0	06/02/10 12:22	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/02/10 12:22	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/02/10 12:22	
Dibromochloromethane	ug/kg	ND	5.0	06/02/10 12:22	
Ethylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/02/10 12:22	
m&p-Xylene	ug/kg	ND	10.0	06/02/10 12:22	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/02/10 12:22	
Methylene Chloride	ug/kg	ND	5.0	06/02/10 12:22	
n-Butylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
n-Propylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
Naphthalene	ug/kg	ND	5.0	06/02/10 12:22	
o-Xylene	ug/kg	ND	5.0	06/02/10 12:22	
p-Isopropyltoluene	ug/kg	ND	5.0	06/02/10 12:22	
sec-Butylbenzene	ug/kg	ND	5.0	06/02/10 12:22	
Styrene	ug/kg	ND	5.0	06/02/10 12:22	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

METHOD BLANK: 177716 Matrix: Solid

Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346029, 3028346031, 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	5.0	06/02/10 12:22	
Toluene	ug/kg	ND	5.0	06/02/10 12:22	
TOTAL BTEX	ug/kg	ND	30.0	06/02/10 12:22	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/02/10 12:22	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/02/10 12:22	
Trichloroethene	ug/kg	ND	5.0	06/02/10 12:22	
Vinyl chloride	ug/kg	ND	5.0	06/02/10 12:22	
Xylene (Total)	ug/kg	ND	15.0	06/02/10 12:22	
1,2-Dichloroethane-d4 (S)	%	111	70-130	06/02/10 12:22	
4-Bromofluorobenzene (S)	%	96	70-130	06/02/10 12:22	
Toluene-d8 (S)	%	100	70-130	06/02/10 12:22	

LABORATORY CONTROL SAMPLE: 177717

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	18.4	92	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	15.8	79	70-130	
1,1,2-Trichloroethane	ug/kg	20	16.9	84	70-130	
1,1-Dichloroethane	ug/kg	20	17.6	88	70-130	
1,1-Dichloroethene	ug/kg	20	13.4	67	70-130	L0
1,2,4-Trimethylbenzene	ug/kg	20	16.2	81	70-130	
1,2-Dichlorobenzene	ug/kg	20	16.3	81	70-130	
1,2-Dichloroethane	ug/kg	20	18.3	91	70-130	
1,2-Dichloropropane	ug/kg	20	17.6	88	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	16.3	81	70-130	
1,3-Dichlorobenzene	ug/kg	20	16.4	82	70-130	
1,4-Dichlorobenzene	ug/kg	20	16.4	82	70-130	
2-Butanone (MEK)	ug/kg	20	18.2	91	70-130	
2-Hexanone	ug/kg	20	17.6	88	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	17.3	87	70-130	
Acetone	ug/kg	20	16.2	81	70-130	
Benzene	ug/kg	20	16.9	84	70-130	
Bromodichloromethane	ug/kg	20	17.1	86	70-130	
Bromoform	ug/kg	20	16.1	80	70-130	
Bromomethane	ug/kg	20	16.8	84	70-130	
Carbon disulfide	ug/kg	20	19.2	96	70-130	
Carbon tetrachloride	ug/kg	20	18.1	91	70-130	
Chlorobenzene	ug/kg	20	16.9	84	70-130	
Chloroethane	ug/kg	20	21.9	110	70-130	
Chloroform	ug/kg	20	18.2	91	70-130	
Chloromethane	ug/kg	20	15.3	76	70-130	
cis-1,2-Dichloroethene	ug/kg	20	17.4	87	70-130	
cis-1,3-Dichloropropene	ug/kg	20	16.0	80	70-130	
Dibromochloromethane	ug/kg	20	17.4	87	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 177717

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	20	16.9	85	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	16.9	85	70-130	
m&p-Xylene	ug/kg	40	33.5	84	70-130	
Methyl-tert-butyl ether	ug/kg	20	19.2	96	70-130	
Methylene Chloride	ug/kg	20	14.6	73	70-130	
n-Butylbenzene	ug/kg	20	15.5	78	70-130	
n-Propylbenzene	ug/kg	20	16.2	81	70-130	
Naphthalene	ug/kg	20	16.3	82	70-130	
o-Xylene	ug/kg	20	16.3	82	70-130	
p-Isopropyltoluene	ug/kg	20	16.0	80	70-130	
sec-Butylbenzene	ug/kg	20	16.4	82	70-130	
Styrene	ug/kg	20	15.9	79	70-130	
Tetrachloroethene	ug/kg	20	17.3	87	70-130	
Toluene	ug/kg	20	17.5	88	70-130	
TOTAL BTEX	ug/kg		101			
trans-1,2-Dichloroethene	ug/kg	20	16.7	83	70-130	
trans-1,3-Dichloropropene	ug/kg	20	15.9	80	70-130	
Trichloroethene	ug/kg	20	17.4	87	70-130	
Vinyl chloride	ug/kg	20	19.7	99	70-130	
Xylene (Total)	ug/kg	60	49.8	83	70-130	
1,2-Dichloroethane-d4 (S)	%			108	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MSV/6073 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028346007, 3028346027

METHOD BLANK: 179087 | Matrix: Solid
Associated Lab Samples: 3028346007, 3028346027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1-Dichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,1-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichloroethane	ug/kg	ND	5.0	06/06/10 12:08	
1,2-Dichloropropane	ug/kg	ND	5.0	06/06/10 12:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
2-Butanone (MEK)	ug/kg	ND	10.0	06/06/10 12:08	
2-Hexanone	ug/kg	ND	10.0	06/06/10 12:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/06/10 12:08	
Acetone	ug/kg	ND	10.0	06/06/10 12:08	
Benzene	ug/kg	ND	5.0	06/06/10 12:08	
Bromodichloromethane	ug/kg	ND	5.0	06/06/10 12:08	
Bromoform	ug/kg	ND	5.0	06/06/10 12:08	
Bromomethane	ug/kg	ND	5.0	06/06/10 12:08	
Carbon disulfide	ug/kg	ND	5.0	06/06/10 12:08	
Carbon tetrachloride	ug/kg	ND	5.0	06/06/10 12:08	
Chlorobenzene	ug/kg	ND	5.0	06/06/10 12:08	
Chloroethane	ug/kg	ND	5.0	06/06/10 12:08	
Chloroform	ug/kg	ND	5.0	06/06/10 12:08	
Chloromethane	ug/kg	ND	5.0	06/06/10 12:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/06/10 12:08	
Dibromochloromethane	ug/kg	ND	5.0	06/06/10 12:08	
Ethylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/06/10 12:08	
m&p-Xylene	ug/kg	ND	10.0	06/06/10 12:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/06/10 12:08	
Methylene Chloride	ug/kg	ND	5.0	06/06/10 12:08	
n-Butylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
n-Propylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Naphthalene	ug/kg	ND	5.0	06/06/10 12:08	
o-Xylene	ug/kg	ND	5.0	06/06/10 12:08	
p-Isopropyltoluene	ug/kg	ND	5.0	06/06/10 12:08	
sec-Butylbenzene	ug/kg	ND	5.0	06/06/10 12:08	
Styrene	ug/kg	ND	5.0	06/06/10 12:08	
Tetrachloroethene	ug/kg	ND	5.0	06/06/10 12:08	
Toluene	ug/kg	ND	5.0	06/06/10 12:08	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

METHOD BLANK: 179087 Matrix: Solid

Associated Lab Samples: 3028346007, 3028346027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TOTAL BTEX	ug/kg	ND	30.0	06/06/10 12:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/06/10 12:08	
Trichloroethene	ug/kg	ND	5.0	06/06/10 12:08	
Vinyl chloride	ug/kg	ND	5.0	06/06/10 12:08	
Xylene (Total)	ug/kg	ND	15.0	06/06/10 12:08	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/06/10 12:08	
4-Bromofluorobenzene (S)	%	97	70-130	06/06/10 12:08	
Toluene-d8 (S)	%	93	70-130	06/06/10 12:08	

LABORATORY CONTROL SAMPLE: 179088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	19.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	19.6	98	70-130	
1,1,2-Trichloroethane	ug/kg	20	19.9	99	70-130	
1,1-Dichloroethane	ug/kg	20	20.5	102	70-130	
1,1-Dichloroethene	ug/kg	20	16.4	82	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	19.7	99	70-130	
1,2-Dichlorobenzene	ug/kg	20	19.5	98	70-130	
1,2-Dichloroethane	ug/kg	20	19.0	95	70-130	
1,2-Dichloropropane	ug/kg	20	19.8	99	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	20.1	101	70-130	
1,3-Dichlorobenzene	ug/kg	20	19.9	99	70-130	
1,4-Dichlorobenzene	ug/kg	20	20.3	102	70-130	
2-Butanone (MEK)	ug/kg	20	20.8	104	70-130	
2-Hexanone	ug/kg	20	24.1	121	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	22.7	113	70-130	
Acetone	ug/kg	20	28.9	145	70-130	L0
Benzene	ug/kg	20	20.7	103	70-130	
Bromodichloromethane	ug/kg	20	17.7	89	70-130	
Bromoform	ug/kg	20	16.1	81	70-130	
Bromomethane	ug/kg	20	21.4	107	70-130	
Carbon disulfide	ug/kg	20	24.3	122	70-130	
Carbon tetrachloride	ug/kg	20	18.0	90	70-130	
Chlorobenzene	ug/kg	20	20.3	102	70-130	
Chloroethane	ug/kg	20	19.5	98	70-130	
Chloroform	ug/kg	20	19.3	96	70-130	
Chloromethane	ug/kg	20	18.0	90	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	19.1	95	70-130	
Dibromochloromethane	ug/kg	20	17.5	87	70-130	
Ethylbenzene	ug/kg	20	21.0	105	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	21.0	105	70-130	
m&p-Xylene	ug/kg	40	41.5	104	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 179088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	20	21.8	109	70-130	
Methylene Chloride	ug/kg	20	16.5	83	70-130	
n-Butylbenzene	ug/kg	20	21.0	105	70-130	
n-Propylbenzene	ug/kg	20	21.1	105	70-130	
Naphthalene	ug/kg	20	20.3	102	70-130	
o-Xylene	ug/kg	20	19.7	98	70-130	
p-Isopropyltoluene	ug/kg	20	20.8	104	70-130	
sec-Butylbenzene	ug/kg	20	21.1	106	70-130	
Styrene	ug/kg	20	19.4	97	70-130	
Tetrachloroethene	ug/kg	20	19.9	100	70-130	
Toluene	ug/kg	20	23.4	117	70-130	
TOTAL BTEX	ug/kg		126			
trans-1,2-Dichloroethene	ug/kg	20	19.5	98	70-130	
trans-1,3-Dichloropropene	ug/kg	20	19.1	95	70-130	
Trichloroethene	ug/kg	20	20.4	102	70-130	
Vinyl chloride	ug/kg	20	20.4	102	70-130	
Xylene (Total)	ug/kg	60	61.2	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: MSV/5962 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028346037

METHOD BLANK: 175388 | Matrix: Water
Associated Lab Samples: 3028346037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1-Dichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichloropropane	ug/L	ND	1.0	05/27/10 14:23	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
2-Butanone (MEK)	ug/L	ND	10.0	05/27/10 14:23	
2-Hexanone	ug/L	ND	10.0	05/27/10 14:23	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	05/27/10 14:23	
Acetone	ug/L	ND	10.0	05/27/10 14:23	
Benzene	ug/L	ND	1.0	05/27/10 14:23	
Bromochloromethane	ug/L	ND	1.0	05/27/10 14:23	
Bromodichloromethane	ug/L	ND	1.0	05/27/10 14:23	
Bromoform	ug/L	ND	1.0	05/27/10 14:23	
Bromomethane	ug/L	ND	1.0	05/27/10 14:23	
Carbon disulfide	ug/L	ND	1.0	05/27/10 14:23	
Carbon tetrachloride	ug/L	ND	1.0	05/27/10 14:23	
Chlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
Chloroethane	ug/L	ND	1.0	05/27/10 14:23	
Chloroform	ug/L	ND	1.0	05/27/10 14:23	
Chloromethane	ug/L	ND	1.0	05/27/10 14:23	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/27/10 14:23	
Dibromochloromethane	ug/L	ND	1.0	05/27/10 14:23	
Ethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	05/27/10 14:23	
m&p-Xylene	ug/L	ND	2.0	05/27/10 14:23	
Methyl-tert-butyl ether	ug/L	ND	1.0	05/27/10 14:23	
Methylene Chloride	ug/L	ND	1.0	05/27/10 14:23	
n-Butylbenzene	ug/L	ND	1.0	05/27/10 14:23	
n-Propylbenzene	ug/L	ND	1.0	05/27/10 14:23	
Naphthalene	ug/L	ND	2.0	05/27/10 14:23	
o-Xylene	ug/L	ND	1.0	05/27/10 14:23	
p-Isopropyltoluene	ug/L	ND	1.0	05/27/10 14:23	
sec-Butylbenzene	ug/L	ND	1.0	05/27/10 14:23	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

METHOD BLANK: 175388 Matrix: Water

Associated Lab Samples: 3028346037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	05/27/10 14:23	
Tetrachloroethene	ug/L	ND	1.0	05/27/10 14:23	
Toluene	ug/L	ND	1.0	05/27/10 14:23	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/27/10 14:23	
Trichloroethene	ug/L	ND	1.0	05/27/10 14:23	
Vinyl chloride	ug/L	ND	1.0	05/27/10 14:23	
Xylene (Total)	ug/L	ND	3.0	05/27/10 14:23	
1,2-Dichloroethane-d4 (S)	%	100	70-130	05/27/10 14:23	
4-Bromofluorobenzene (S)	%	97	70-130	05/27/10 14:23	
Toluene-d8 (S)	%	93	70-130	05/27/10 14:23	

LABORATORY CONTROL SAMPLE: 175389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.4	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.7	94	70-130	
1,1,2-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1-Dichloroethane	ug/L	20	20.3	101	70-130	
1,1-Dichloroethene	ug/L	20	17.3	87	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.9	104	70-130	
1,2,4-Trimethylbenzene	ug/L	20	22.2	111	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	70-130	
1,2-Dichlorobenzene	ug/L	20	20.6	103	70-130	
1,2-Dichloroethane	ug/L	20	20.2	101	70-130	
1,2-Dichloropropane	ug/L	20	18.4	92	70-130	
1,3,5-Trimethylbenzene	ug/L	20	22.6	113	70-130	
1,3-Dichlorobenzene	ug/L	20	20.8	104	70-130	
1,4-Dichlorobenzene	ug/L	20	20.6	103	70-130	
2-Butanone (MEK)	ug/L	20	20.2	101	70-130	
2-Hexanone	ug/L	20	19.8	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.5	103	70-130	
Acetone	ug/L	20	24.1	120	70-130	
Benzene	ug/L	20	19.9	100	70-130	
Bromochloromethane	ug/L	20	19.3	97	70-130	
Bromodichloromethane	ug/L	20	20.2	101	70-130	
Bromoform	ug/L	20	18.9	95	70-130	
Bromomethane	ug/L	20	33.2	166	70-130	L1
Carbon disulfide	ug/L	20	18.9	95	70-130	
Carbon tetrachloride	ug/L	20	21.4	107	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	21.8	109	70-130	
Chloroform	ug/L	20	20.5	103	70-130	
Chloromethane	ug/L	20	19.4	97	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

LABORATORY CONTROL SAMPLE: 175389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	19.1	95	70-130	
Dibromochloromethane	ug/L	20	20.5	102	70-130	
Ethylbenzene	ug/L	20	21.0	105	70-130	
Isopropylbenzene (Cumene)	ug/L	20	22.7	113	70-130	
m&p-Xylene	ug/L	40	36.6	91	70-130	
Methyl-tert-butyl ether	ug/L	20	20.5	102	70-130	
Methylene Chloride	ug/L	20	18.4	92	70-130	
n-Butylbenzene	ug/L	20	22.0	110	70-130	
n-Propylbenzene	ug/L	20	23.6	118	70-130	
Naphthalene	ug/L	20	23.0	115	70-130	
o-Xylene	ug/L	20	20.7	104	70-130	
p-Isopropyltoluene	ug/L	20	22.5	112	70-130	
sec-Butylbenzene	ug/L	20	23.3	116	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	19.5	98	70-130	
Toluene	ug/L	20	21.0	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.9	90	70-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Vinyl chloride	ug/L	20	21.4	107	70-130	
Xylene (Total)	ug/L	60	57.3	95	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 175555 175556

Parameter	Units	3028155001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	16.1	22.4	81	112	70-130	32	R1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	15.5	20.6	77	103	70-130	28	
1,1,2-Trichloroethane	ug/L	ND	20	20	16.5	21.4	82	107	70-130	26	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	22.5	87	112	70-130	25	
1,1-Dichloroethene	ug/L	ND	20	20	15.0	20.2	75	101	70-130	29	
1,2,4-Trichlorobenzene	ug/L				15.6	19.8				23	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	23.4	93	117	70-130	22	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	15.7	20.9	78	104	70-130	29	
1,2-Dichlorobenzene	ug/L	ND	20	20	16.5	21.5	82	108	70-130	27	
1,2-Dichloroethane	ug/L	ND	20	20	16.6	22.3	83	112	70-130	29	
1,2-Dichloropropane	ug/L	ND	20	20	15.9	20.6	80	103	70-130	25	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.8	24.2	94	121	70-130	25	
1,3-Dichlorobenzene	ug/L	ND	20	20	16.3	21.5	82	108	70-130	28	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.9	22.2	84	111	70-130	27	
2-Butanone (MEK)	ug/L	ND	20	20	20.3	19.4	102	97	70-130	5	
2-Hexanone	ug/L	ND	20	20	20.1	20.4	101	102	70-130	1	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	21.9	21.8	110	109	70-130	.7	
Acetone	ug/L	ND	20	20	18.5	25.8	67	103	70-130	33	M0,R1

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 175555 175556

Parameter	Units	3028155001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	16.9	21.9	84	110	70-130	26	
Bromochloromethane	ug/L	ND	20	20	16.6	20.5	83	102	70-130	21	
Bromodichloromethane	ug/L	ND	20	20	13.4	19.1	67	96	70-130	35	M0,R1
Bromoform	ug/L	ND	20	20	12.3	16.3	62	81	70-130	28	M0
Bromomethane	ug/L	ND	20	20	23.0	26.4	115	132	70-130	14	M0
Carbon disulfide	ug/L	ND	20	20	22.8	23.2	111	113	70-130	2	
Carbon tetrachloride	ug/L	ND	20	20	14.3	20.0	72	100	70-130	33	R1
Chlorobenzene	ug/L	ND	20	20	17.5	22.7	87	114	70-130	26	
Chloroethane	ug/L	ND	20	20	24.2	22.5	121	112	70-130	7	
Chloroform	ug/L	ND	20	20	16.8	22.0	84	110	70-130	27	
Chloromethane	ug/L	ND	20	20	16.9	18.3	85	91	70-130	8	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.1	22.7	85	114	70-130	29	
cis-1,3-Dichloropropene	ug/L	ND	20	20	13.9	19.3	70	96	70-130	32	R1
Dibromochloromethane	ug/L	ND	20	20	14.1	18.3	71	91	70-130	26	
Ethylbenzene	ug/L	ND	20	20	17.5	23.0	88	115	70-130	27	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.6	24.6	93	123	70-130	28	
m&p-Xylene	ug/L	ND	40	40	31.4	40.3	78	101	70-130	25	
Methyl-tert-butyl ether	ug/L	ND	20	20	23.6	22.9	118	114	70-130	3	
Methylene Chloride	ug/L	ND	20	20	10	20.2	50	101	70-130	67	M0,R1
n-Butylbenzene	ug/L	ND	20	20	18.1	22.4	91	112	70-130	21	
n-Propylbenzene	ug/L	ND	20	20	19.4	25.3	97	127	70-130	27	
Naphthalene	ug/L	ND	20	20	23.3	21.8	116	109	70-130	7	
o-Xylene	ug/L	ND	20	20	17.4	22.6	87	113	70-130	26	
p-Isopropyltoluene	ug/L	ND	20	20	18.2	23.8	91	119	70-130	27	
sec-Butylbenzene	ug/L	ND	20	20	19.0	25.4	95	127	70-130	29	
Styrene	ug/L	ND	20	20	16.8	22.2	84	111	70-130	28	
Tetrachloroethene	ug/L	ND	20	20	16.9	22.1	85	110	70-130	27	
Toluene	ug/L	ND	20	20	18.1	23.5	91	118	70-130	26	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.0	22.1	85	111	70-130	27	
trans-1,3-Dichloropropene	ug/L	ND	20	20	13.4	18.1	67	91	70-130	30	M0
Trichloroethene	ug/L	ND	20	20	16.3	21.3	81	107	70-130	27	
Vinyl chloride	ug/L	ND	20	20	21.2	21.5	106	108	70-130	2	
Xylene (Total)	ug/L	ND	60	60	48.8	62.8	81	105	70-130	25	
1,2-Dichloroethane-d4 (S)	%						100	101	70-130		
4-Bromofluorobenzene (S)	%						96	99	70-130		
Toluene-d8 (S)	%						97	98	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: PMST/1893 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346017, 3028346027, 3028346031, 3028346033, 3028346035

SAMPLE DUPLICATE: 180038

Parameter	Units	3028330001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.4	11.1	6	

SAMPLE DUPLICATE: 180039

Parameter	Units	3028330002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	21.6	22.6	4	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: PMST/1894 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028346009, 3028346011, 3028346013, 3028346015, 3028346019, 3028346021, 3028346023, 3028346025, 3028346029

SAMPLE DUPLICATE: 180178

Parameter	Units	3028346009 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	4.7	4.4	6	

SAMPLE DUPLICATE: 180179

Parameter	Units	3028346011 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.3	5.8	9	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: WET/5752 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

METHOD BLANK: 176119 Matrix: Water
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	05/28/10 17:42	

METHOD BLANK: 176133 Matrix: Water
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	05/28/10 17:42	

LABORATORY CONTROL SAMPLE: 176120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.97	97	85-115	

MATRIX SPIKE SAMPLE: 176283

Parameter	Units	3028534001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.95	95	85-115	

SAMPLE DUPLICATE: 176282

Parameter	Units	3028534002 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: WETA/4366 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031

METHOD BLANK: 177159 Matrix: Solid
Associated Lab Samples: 3028346001, 3028346003, 3028346005, 3028346007, 3028346009, 3028346011, 3028346013, 3028346015, 3028346017, 3028346019, 3028346021, 3028346023, 3028346025, 3028346027, 3028346029, 3028346031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	4.8	06/02/10 15:41	

LABORATORY CONTROL SAMPLE: 177160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	160	154	96	85-115	

MATRIX SPIKE SAMPLE: 177161

Parameter	Units	3028346031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	157	152	96	85-115	

SAMPLE DUPLICATE: 177162

Parameter	Units	3028346031 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	2.7J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: WETA/4417 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028346033, 3028346035

METHOD BLANK: 179141 | Matrix: Solid
Associated Lab Samples: 3028346033, 3028346035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	4.9	06/06/10 16:48	

LABORATORY CONTROL SAMPLE: 179142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	155	149	96	85-115	

MATRIX SPIKE SAMPLE: 179143

Parameter	Units	3028366007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	6.8	162	153	91	85-115	

SAMPLE DUPLICATE: 179144

Parameter	Units	3028366007 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	6.8	3.1J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028346

QC Batch: WETA/4345 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

METHOD BLANK: 176243 Matrix: Water
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	05/28/10 15:51	

METHOD BLANK: 176244 Matrix: Water
Associated Lab Samples: 3028346002, 3028346004, 3028346006, 3028346008, 3028346010, 3028346012, 3028346014, 3028346016, 3028346018, 3028346020, 3028346022, 3028346024, 3028346026, 3028346028, 3028346030, 3028346032, 3028346034, 3028346036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	05/28/10 15:52	

LABORATORY CONTROL SAMPLE: 176245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	38.4	96	85-115	

MATRIX SPIKE SAMPLE: 176246

Parameter	Units	3028346002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	ND	20	23.0	105	85-115	

SAMPLE DUPLICATE: 176247

Parameter	Units	3028346002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	2J		

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QUALIFIERS

Project: KLG
Pace Project No.: 3028346

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

WORKORDER QUALIFIERS

WO: 3028346

[1] The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

BATCH QUALIFIERS

Batch: MSV/6036

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6073

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	Sample was tumbled on 5/27/2010 and analyzed within 48 hours.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028346001	[redacted]1-B1	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346003	[redacted]-1-B2	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346005	[redacted]-1-B1	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346007	[redacted]-1-B2	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346009	[redacted]-5-B1	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346011	[redacted]-5-B2	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346013	[redacted]-7-B1	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346015	[redacted]-7-B2	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346017	[redacted]-5-B1	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346019	[redacted]-5-B2	EPA 3050	MPRP/3949	EPA 6010B	ICP/3540
3028346021	[redacted]-5-B3	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346023	[redacted]-5-B4	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346025	[redacted]-2-B1	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346027	[redacted]-2-B2	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346029	[redacted]-2-B1	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346031	[redacted]-2-B2	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346033	[redacted]-1-B1	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346035	[redacted]-1-B2	EPA 3050	MPRP/3950	EPA 6010B	ICP/3541
3028346001	[redacted]1-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346003	[redacted]-1-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346005	[redacted]-1-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346007	[redacted]-1-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346009	[redacted]-5-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346011	[redacted]-5-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346013	[redacted]-7-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346015	[redacted]-7-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346017	[redacted]-5-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346019	[redacted]-5-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346021	[redacted]-5-B3	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346023	[redacted]-5-B4	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346025	[redacted]-2-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346027	[redacted]-2-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346029	[redacted]-2-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346031	[redacted]-2-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346033	[redacted]-1-B1	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346035	[redacted]-1-B2	EPA 7471	MERP/1952	EPA 7471	MERC/1905
3028346001	[redacted]-1-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346003	[redacted]-1-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346005	[redacted]-1-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346007	[redacted]-1-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346009	[redacted]-5-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346011	[redacted]-5-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346013	[redacted]-7-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346015	[redacted]-7-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346017	[redacted]-5-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346019	[redacted]-5-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346021	[redacted]-5-B3	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028346023	[redacted]5-B4	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346025	[redacted]2-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346027	[redacted]2-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346029	[redacted]2-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346031	[redacted]2-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346033	[redacted]1-B1	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346035	[redacted]-1-B2	EPA 3546	OEXT/5063	EPA 8270	MSSV/2158
3028346001	[redacted]-1-B1	EPA 8260	MSV/6036		
3028346003	[redacted]-1-B2	EPA 8260	MSV/6036		
3028346005	[redacted]-1-B1	EPA 8260	MSV/6036		
3028346007	[redacted]-1-B2	EPA 8260	MSV/6073		
3028346009	[redacted]-5-B1	EPA 8260	MSV/6036		
3028346011	[redacted]-5-B2	EPA 8260	MSV/6036		
3028346013	[redacted]-7-B1	EPA 8260	MSV/6036		
3028346015	[redacted]-7-B2	EPA 8260	MSV/6036		
3028346017	[redacted]5-B1	EPA 8260	MSV/6036		
3028346019	[redacted]5-B2	EPA 8260	MSV/6036		
3028346021	[redacted]5-B3	EPA 8260	MSV/6036		
3028346023	[redacted]5-B4	EPA 8260	MSV/6036		
3028346025	[redacted]2-B1	EPA 8260	MSV/6036		
3028346027	[redacted]-2-B2	EPA 8260	MSV/6073		
3028346029	[redacted]-2-B1	EPA 8260	MSV/6036		
3028346031	[redacted]-2-B2	EPA 8260	MSV/6036		
3028346033	[redacted]-1-B1	EPA 8260	MSV/6036		
3028346035	[redacted]-1-B2	EPA 8260	MSV/6036		
3028346037	TRIP BLANK	EPA 8260	MSV/5962		
3028346001	[redacted]-1-B1	ASTM D2974-87	PMST/1893		
3028346003	[redacted]-1-B2	ASTM D2974-87	PMST/1893		
3028346005	[redacted]-1-B1	ASTM D2974-87	PMST/1893		
3028346007	[redacted]-1-B2	ASTM D2974-87	PMST/1893		
3028346009	[redacted]-5-B1	ASTM D2974-87	PMST/1894		
3028346011	[redacted]-5-B2	ASTM D2974-87	PMST/1894		
3028346013	[redacted]7-B1	ASTM D2974-87	PMST/1894		
3028346015	[redacted]7-B2	ASTM D2974-87	PMST/1894		
3028346017	[redacted]5-B1	ASTM D2974-87	PMST/1893		
3028346019	[redacted]5-B2	ASTM D2974-87	PMST/1894		
3028346021	[redacted]5-B3	ASTM D2974-87	PMST/1894		
3028346023	[redacted]5-B4	ASTM D2974-87	PMST/1894		
3028346025	[redacted]2-B1	ASTM D2974-87	PMST/1894		
3028346027	[redacted]2-B2	ASTM D2974-87	PMST/1893		
3028346029	[redacted]-2-B1	ASTM D2974-87	PMST/1894		
3028346031	[redacted]-2-B2	ASTM D2974-87	PMST/1893		

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028346033	[redacted]1-B1	ASTM D2974-87	PMST/1893		
3028346035	[redacted]1-B2	ASTM D2974-87	PMST/1893		
3028346002	[redacted]1-B1 ASTM	SM 5540C	WET/5752		
3028346004	[redacted]1-B2 ASTM	SM 5540C	WET/5752		
3028346006	[redacted]1-B1 ASTM	SM 5540C	WET/5752		
3028346008	[redacted]1-B2 ASTM	SM 5540C	WET/5752		
3028346010	[redacted]5-B1 ASTM	SM 5540C	WET/5752		
3028346012	[redacted]5-B2 ASTM	SM 5540C	WET/5752		
3028346014	[redacted]7-B1 ASTM	SM 5540C	WET/5752		
3028346016	[redacted]7-B2 ASTM	SM 5540C	WET/5752		
3028346018	[redacted]5-B1 ASTM	SM 5540C	WET/5752		
3028346020	[redacted]5-B2 ASTM	SM 5540C	WET/5752		
3028346022	[redacted]5-B3 ASTM	SM 5540C	WET/5752		
3028346024	[redacted]5-B4 ASTM	SM 5540C	WET/5752		
3028346026	[redacted]2-B1 ASTM	SM 5540C	WET/5752		
3028346028	[redacted]2-B2 ASTM	SM 5540C	WET/5752		
3028346030	[redacted]2-B1 ASTM	SM 5540C	WET/5752		
3028346032	[redacted]2-B2 ASTM	SM 5540C	WET/5752		
3028346034	[redacted]1-B1 ASTM	SM 5540C	WET/5752		
3028346036	[redacted]1-B2 ASTM	SM 5540C	WET/5752		
3028346001	[redacted]1-B1	EPA 350.1	WETA/4366		
3028346003	[redacted]1-B2	EPA 350.1	WETA/4366		
3028346005	[redacted]1-B1	EPA 350.1	WETA/4366		
3028346007	[redacted]1-B2	EPA 350.1	WETA/4366		
3028346009	[redacted]5-B1	EPA 350.1	WETA/4366		
3028346011	[redacted]5-B2	EPA 350.1	WETA/4366		
3028346013	[redacted]7-B1	EPA 350.1	WETA/4366		
3028346015	[redacted]7-B2	EPA 350.1	WETA/4366		
3028346017	[redacted]5-B1	EPA 350.1	WETA/4366		
3028346019	[redacted]5-B2	EPA 350.1	WETA/4366		
3028346021	[redacted]5-B3	EPA 350.1	WETA/4366		
3028346023	[redacted]5-B4	EPA 350.1	WETA/4366		
3028346025	[redacted]2-B1	EPA 350.1	WETA/4366		
3028346027	[redacted]2-B2	EPA 350.1	WETA/4366		
3028346029	[redacted]2-B1	EPA 350.1	WETA/4366		
3028346031	[redacted]2-B2	EPA 350.1	WETA/4366		
3028346033	[redacted]1-B1	EPA 350.1	WETA/4417		
3028346035	[redacted]1-B2	EPA 350.1	WETA/4417		
3028346002	[redacted]1-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346004	[redacted]1-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346006	[redacted]1-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346008	[redacted]1-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346010	[redacted]5-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346012	[redacted]5-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346014	[redacted]7-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346016	[redacted]7-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346018	[redacted]5-B1 ASTM	SM 4500-Cl-E	WETA/4345		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028346

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028346020	[redacted]-5-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346022	[redacted]-5-B3 ASTM	SM 4500-Cl-E	WETA/4345		
3028346024	[redacted]-5-B4 ASTM	SM 4500-Cl-E	WETA/4345		
3028346026	[redacted]-2-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346028	[redacted]-2-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346030	[redacted]-2-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346032	[redacted]-2-B2 ASTM	SM 4500-Cl-E	WETA/4345		
3028346034	[redacted]-1-B1 ASTM	SM 4500-Cl-E	WETA/4345		
3028346036	[redacted]-1-B2 ASTM	SM 4500-Cl-E	WETA/4345		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 177209

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10606A9

Level: (low/med) LOW Date Received: 06/02/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346005

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10606B5

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.08	592	J
2.	UNKNOWN	2.38	390	J
3. 1560-88-9	OCTADECANE, 2-METHYL-	13.22	862	NJ
4. 630-06-8	HEXATRIACONTANE	13.76	1280	NJ
5.	UNKNOWN	14.26	138	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346007

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10606B6

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 95-47-6	BENZENE, 1,2-DIMETHYL-	2.84	159	NJ
2.	UNKNOWN	4.20	1980	J
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL- $$	4.28	166	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-1-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346001

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10606B1

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-1-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346003

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10606B4

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346033

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10606C9

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346035

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606D0

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]2-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346025

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606C5

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.08	1380	J
2.	UNKNOWN	2.38	867	J
3.	UNKNOWN	13.61	159	J
4.				
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FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]2-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346027

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10606C6

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346017

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606C1

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.72	1230	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346017

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606C1

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.72	1230	NJ
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346019

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10606C2

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-88-3	TOLUENE	1.84	425	NJ
2.	UNKNOWN	2.08	352	J
3.	UNKNOWN	2.38	208	J
4.	UNKNOWN	4.21	1950	J
5. 98-89-5	CYCLOHEXANECARBOXYLIC ACID	5.74	379	NJ
6. 616-75-1	BENZYLMALONIC ACID $$ PROPAN	7.19	960	NJ
7. 544-63-8	TETRADECANOIC ACID	9.29	131	NJ
8. 57-10-3	N-HEXADECANOIC ACID	10.13	636	NJ
9. 629-62-9	PENTADECANE	12.65	260	NJ
10.	UNKNOWN	13.06	173	J
11. 629-78-7	HEPTADECANE	13.23	706	NJ
12.	UNKNOWN	13.61	130	J
13. 638-67-5	TRICOSANE $$ N-TRICOSANE	13.76	1050	NJ
14.	UNKNOWN	14.38	225	J
15.	UNKNOWN	14.42	186	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B3

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346021

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10606C3

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.20	1910	J
2. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	4.29	201	NJ
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B4

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346023

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10606C4

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.08	507	J
2.	UNKNOWN	2.38	339	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]2-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346029

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10606C7

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]2-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346031

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10606C8

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346009

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606B7

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.08	266	J
2.	UNKNOWN	2.38	131	J
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]5-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346011

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10606B8

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346013

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10606B9

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.08	247	J
2.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG26-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]7-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106061

Matrix: (soil/water) SOIL Lab Sample ID: 3028346015

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10606C0

Level: (low/med) LOW Date Received: 05/26/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/06/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008063

Project Number
3028346

Issued
Wednesday, June 09, 2010

Total Number of Pages
5 (excluding C.O.C. and cooler receipt form)

Approved By : _____
QA Manager

NELAC Accreditation #E87688

"Analytical Integrity" · EPA Certified · NELAP Certified
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.setlek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Pace Analytical
Order Number: 1008063

Laboratory ID	Client ID	Matrix	Sampling Date
1008063-01	3028346001	Solid	5/25/2010
1008063-02	3028346003	Solid	5/25/2010
1008063-03	3028346005	Solid	5/25/2010
1008063-04	3028346007	Solid	5/25/2010
1008063-05	3028346009	Solid	5/25/2010
1008063-06	3028346011	Solid	5/25/2010
1008063-07	3028346013	Solid	5/25/2010
1008063-08	3028346015	Solid	5/25/2010
1008063-09	3028346017	Solid	5/25/2010
1008063-10	3028346019	Solid	5/25/2010
1008063-11	3028346021	Solid	5/25/2010
1008063-12	3028346023	Solid	5/25/2010
1008063-13	3028346025	Solid	5/25/2010
1008063-14	3028346027	Solid	5/25/2010
1008063-15	3028346029	Solid	5/25/2010
1008063-16	3028346031	Solid	5/25/2010
1008063-17	3028346033	Solid	5/25/2010
1008063-18	3028346035	Solid	5/25/2010

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008063

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028346

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028346001	1008063-01	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028346003	1008063-02	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028346005	1008063-03	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346007	1008063-04	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346009	1008063-05	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346011	1008063-06	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346013	1008063-07	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346015	1008063-08	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346017	1008063-09	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346019	1008063-10	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346021	1008063-11	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028346

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028346023	1008063-12	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346025	1008063-13	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346027	1008063-14	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346029	1008063-15	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346031	1008063-16	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346033	1008063-17	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028346035	1008063-18	25-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Order Number: 1008063

Date Received: 5-29-10 Time Received: 10:00

Number of Coolers/Boxes: 2 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

Chain of Custody

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.:
P.O. No: ASR- 3028346

Request Date: 5/28/10 Analysis Due Date: 6/10/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028346
Report/Invoice to: Tim Reed

Page 1 of 2

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028346001	SL	5/25/10	8:40	Ethylene Glycol	8015		
2	3028346003	SL	5/25/10	9:05	Ethylene Glycol	8015		
3	3028346005	SL	5/25/10	9:50	Ethylene Glycol	8015		
4	3028346007	SL	5/25/10	10:00	Ethylene Glycol	8015		
5	3028346009	SL	5/25/10	10:40	Ethylene Glycol	8015		
6	3028346011	SL	5/25/10	10:50	Ethylene Glycol	8015		
7	3028346013	SL	5/25/10	11:15	Ethylene Glycol	8015		
8	3028346015	SL	5/25/10	11:30	Ethylene Glycol	8015		
9	3028346017	SL	5/25/10	13:30	Ethylene Glycol	8015		
10	3028346019	SL	5/25/10	12:45	Ethylene Glycol	8015		
11	3028346021	SL	5/25/10	13:00	Ethylene Glycol	8015		
12	3028346023	SL	5/25/10	13:15	Ethylene Glycol	8015		

Special Requirements: 1008063-01-18

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____ Pace Agent Name _____ Title
Acceptance of Terms By: _____ Subcontract Lab Agent _____ Title

Relinquised By: _____ (Signature & Affiliation) 5-28-10 17:00 (Date) (Time)
Received By: _____ (Signature & Affiliation) 5-29-10 10:00 (Date) (Time)
Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)
Comments:

ASR (C015-0 31July2007)

CABOT-EPA 004736

DIM0223739 DIM0224129

Chain of Custody

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.:
P.O. No: ASR- 3028346

Request Date: 5/28/10 Analysis Due Date: 6/10/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028346
Report/Invoice to: Tim Reed

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028346025	SL	5/25/10	14:10	Ethylene Glycol	8015		
2	3028346027	SL	5/25/10	14:30	Ethylene Glycol	8015		
3	3028346029	SL	5/25/10	15:15	Ethylene Glycol	8015		
4	3028346031	SL	5/25/10	15:30	Ethylene Glycol	8015		
5	3028346033	SL	5/25/10	16:00	Ethylene Glycol	8015		
6	3028346035	SL	5/25/10	16:30	Ethylene Glycol	8015		
7								
8								
9								
10								
11								
12								

Special Requirements: 10008063-01-18

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Pace Agent Name Title
Acceptance of Terms By: Subcontract Lab Agent Title

Relinquised By: (Signature & Affiliation) (Date) (Time)
Relinquised By: (Signature & Affiliation) (Date) (Time)

Received By: (Signature & Affiliation) (Date) (Time)
Received By: (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1360489

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive, Pittsburgh, PA 15220
Email To: James_Pinta@URSCorp.com
Phone: 412-503-4602 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinta@URSCorp.com
Copy To: Mark_Holsing@URSCorp.com; Andy_Mehalko@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39939654.00001

Section C Invoice Information:

Attention: Thomas_Mavski@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive, Pittsburgh, PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Rand
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Preservatives: Unpreserved; H_2SO_4; HNO_3; HCl; NaOH; $Na_2S_2O_3$; Methanol; Other

Requested Analysis Filtered (Y/N): Analysis Test: VOCs; SVOCs + TICs; Total metals; Ammonia; MBAS-Surfactants; Acidity; Alkalinity; Chlorides; Ethylene glycol

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs	SVOCs + TICs	Total metals	Ammonia	MBAS-Surfactants	Acidity	Alkalinity	Chlorides	Ethylene glycol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]-1-B1	SL	G			5-25-10	0840		6	3					2	1		X	X	X	X	X	X	X	X			3028346 001
2	[redacted]-1-B2	SL	G			5-25-10	0905		6	3					2	1		X	X	X	X	X	X	X	X			003 004
3	[redacted]-1-B1	SL	G			5-25-10	0950		6	3					2	1		X	X	X	X	X	X	X	X			005 006
4	[redacted]-1-B2	SL	G			5-25-10	1000		6	3					2	1		X	X	X	X	X	X	X	X			007 008
5	[redacted]-5-B1	SL	G			5-25-10	1040		6	3					2	1		X	X	X	X	X	X	X	X			009 010
6	[redacted]-5-B2	SL	G			5-25-10	1050		6	3					2	1		X	X	X	X	X	X	X	X			011 012
7	[redacted]-7-B1	SL	G			5-25-10	1115		6	3					2	1		X	X	X	X	X	X	X	X			013 014
8	[redacted]-7-B2	SL	G			5-25-10	1150		6	3					2	1		X	X	X	X	X	X	X	X			015 016
9	[redacted]-5-B1	SL	G			5-25-10	1330		6	3					2	1		X	X	X	X	X	X	X	X			017 018
10	[redacted]-5-B2	SL	G			5-25-10	1245		6	3					2	1		X	X	X	X	X	X	X	X			019 020
11	[redacted]-5-B3	SL	G			5-25-10	1300		6	3					2	1		X	X	X	X	X	X	X	X			021 022
12	[redacted]-5-B4	SL	G			5-25-10	1315		6	3					2	1		X	X	X	X	X	X	X	X			023 024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[signature] / URS	5-25-10	1830	[signature]	5-26	1000	6.0	Y	Y	N

ORIGINAL

SAMPLER NAME AND SIGNATURE: Amanda Bayhe / URS
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/25/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*tm Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Mar

CABOT-EPA 004738

DIM0223739 DIM0224131

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1349242

Section A Required Client Information:

Company: URS CORP
Address: 501 HOLIDAY DR PITTSBURGH, PA 15220
Email To: JAMES_PINTA@URSCORP.COM
Phone: 412-503-4602 Fax:
Requested Due Date/TAT: 2-WEEK

Section B Required Project Information:

Report To: JAMES_PINTA@URSCORP.COM
Copy To: MARK_HOLSING@URSCORP.COM; ANDY_MEHALKO@URSCORP.COM
Purchase Order No.:
Project Name: KLG
Project Number: 39939654.00001

Section C Invoice Information:

Attention: THOMAS_MERSKI@URSCORP.COM
Company Name: URS CORP
Address: 501 HOLIDAY DR PGH, PA 15220
Pace Quote Reference:
Pace Project Manager: TIM REED
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs	SVOCs + TICs	Total metals	Ammonia	MBAS-surfactants	Acidity	Alkalinity	Chloride	Ethylene glycol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]-2-B1	SL	G			5-25-10	1410		6	3				2	1			X	X	X	X	X	X	X	X	X		025 026 ~~013~~
2	[redacted]-2-B2	SL	G			5-25-10	1430		6	3				2	1			X	X	X	X	X	X	X	X	X		027 028 ~~014~~
3	[redacted]-2-B1	SL	G			5-25-10	1515		6	3				2	1			X	X	X	X	X	X	X	X	X		029 030 ~~015~~
4	[redacted]-2-B2	SL	G			5-25-10	1530		6	3				2	1			X	X	X	X	X	X	X	X	X		031 032 ~~016~~
5	[redacted]-1-B1	SL	G			5-25-10	1600		6	3				2	1			X	X	X	X	X	X	X	X	X		033 034 ~~017~~
6	[redacted]-1-B2	SL	G			5-25-10	1630		6	3				2	1			X	X	X	X	X	X	X	X	X		035 036 ~~018~~
7	Trip blank	WT							2			2						X										
8	Trip blank	WT							2			2						X										037
9	Trip blank	WT							2			2						X										
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	URS	5-25-10	1830		5-26	1000	6.0 Y Y N

ORIGINAL

SAMPLER NAME AND SIGNATURE: Amanda Bayne/URS
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 05/25/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 004739

DIM0223739 DIM0224132

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for **ALL** Petroleum Products
		Analytical Parameters Requested													
Soils															
P/F	[redacted]1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted]1	x	x	x		x				x	x		x		
P/F	[redacted]2	x	x	x		x				x	x		x		
SL4D	[redacted]5 - "P samples"													x	
P/F	[redacted]5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted]4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted]3 - "P samples"													x	
P/F	[redacted]3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted]7	x	x	x		x				x	x		x		
SL4D	[redacted]2 - "P samples"													x	
P/F + SL4D	[redacted]2 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted]5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted]5														x
P/F	[redacted]7	x	x	x		x				x	x		x		
Water															
Ext	[redacted]4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted]6					x								x	

CABOT-EPA 004740

DIM0223739

DIM0224133

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS

Project # 3028346

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 865659461640

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other foam

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 6.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-26-10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☐Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☐Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☐No ☐N/A	10. methanol vial for [redacted] -1-B2 broken
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC:	☐Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	SL/MQ	
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16. 5-26-10
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 5/27/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 11, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028365

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: KLG
Pace Project No.: 3028365

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028365

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028365001	[redacted]2-P1A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365002	[redacted]2-P2A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365003	[redacted]2-P1B	EPA 8260	JEW	11	PASI-PA
3028365004	[redacted]-2-P1C	EPA 8260	JEW	11	PASI-PA
3028365005	[redacted]-2-P2B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365006	[redacted]-2-P3A	EPA 8260	JEW	11	PASI-PA
3028365007	[redacted]-2-P4A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365008	[redacted]2-P4B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365009	[redacted]-2-P3B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028365010	TRIP BLANK	EPA 8260	JAS	55	PASI-PA

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Greensburg, PA 15601
(724)850-5600

HITS ONLY

Project: KLG
Pace Project No.: 3028365

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028365001	**[redacted]2-P1A**					
ASTM D2974-87	Percent Moisture	7.9	%	0.10	06/09/10 14:40	
3028365002	**[redacted]2-P2A**					
ASTM D2974-87	Percent Moisture	8.8	%	0.10	06/09/10 14:41	
3028365003	**[redacted]2-P1B**					
ASTM D2974-87	Percent Moisture	9.3	%	0.10	06/10/10 17:45	
3028365004	**[redacted]2-P1C**					
ASTM D2974-87	Percent Moisture	9.8	%	0.10	06/09/10 14:43	
3028365005	**[redacted]2-P2B**					
ASTM D2974-87	Percent Moisture	9.2	%	0.10	06/09/10 14:44	
3028365006	**[redacted]2-P3A**					
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/09/10 14:45	
3028365007	**[redacted]2-P4A**					
ASTM D2974-87	Percent Moisture	10	%	0.10	06/09/10 14:46	
3028365008	**[redacted]2-P4B**					
ASTM D2974-87	Percent Moisture	9.2	%	0.10	06/09/10 14:47	
3028365009	**[redacted]2-P3B**					
ASTM D2974-87	Percent Moisture	10.2	%	0.10	06/09/10 14:48	

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028365

Method: EPA 8260
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/5962

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 175389)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/5962

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028155001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 175555)
  - Acetone
  - Bromodichloromethane
  - Bromoform
  - Methylene Chloride
  - trans-1,3-Dichloropropene
- MSD (Lab ID: 175556)
  - Bromomethane

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028365

Method: EPA 8260
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

QC Batch: MSV/5962

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028155001

R1: RPD value was outside control limits.

- MSD (Lab ID: 175556)
  - 1,1,1-Trichloroethane
  - Acetone
  - Bromodichloromethane
  - Carbon tetrachloride
  - Methylene Chloride
  - cis-1,3-Dichloropropene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028365

Method: EPA 8260
Description: 8260 MSV PA UST
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6100

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P1A **Lab ID: 3028365001** Collected: 05/25/10 17:00 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.2	1		06/07/10 21:47	71-43-2	
Ethylbenzene	ND	ug/kg	4.2	1		06/07/10 21:47	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/07/10 21:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/07/10 21:47	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/07/10 21:47	91-20-3	
Toluene	ND	ug/kg	4.2	1		06/07/10 21:47	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/07/10 21:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/07/10 21:47	108-67-8	
Toluene-d8 (S)	97	%	70-130	1		06/07/10 21:47	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	1		06/07/10 21:47	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/07/10 21:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	7.9	%	0.10	1		06/09/10 14:40		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P2A **Lab ID: 3028365002** Collected: 05/25/10 17:25 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.1	1		06/07/10 22:09	71-43-2	
Ethylbenzene	ND	ug/kg	4.1	1		06/07/10 22:09	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/07/10 22:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/07/10 22:09	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/07/10 22:09	91-20-3	
Toluene	ND	ug/kg	4.1	1		06/07/10 22:09	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/07/10 22:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/07/10 22:09	108-67-8	
Toluene-d8 (S)	93	%	70-130	1		06/07/10 22:09	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/07/10 22:09	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/07/10 22:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.8**	%	0.10	1		06/09/10 14:41		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P1B **Lab ID: 3028365003** Collected: 05/25/10 17:05 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.2	1		06/07/10 22:31	71-43-2	
Ethylbenzene	ND	ug/kg	4.2	1		06/07/10 22:31	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/07/10 22:31	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/07/10 22:31	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/07/10 22:31	91-20-3	
Toluene	ND	ug/kg	4.2	1		06/07/10 22:31	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/07/10 22:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/07/10 22:31	108-67-8	
Toluene-d8 (S)	94	%	70-130	1		06/07/10 22:31	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/07/10 22:31	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/07/10 22:31	17060-07-0	
	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.3**	%	0.10	1		06/10/10 17:45		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P1C **Lab ID: 3028365004** Collected: 05/25/10 17:07 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.6	1		06/07/10 22:54	71-43-2	
Ethylbenzene	ND	ug/kg	4.6	1		06/07/10 22:54	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/07/10 22:54	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/07/10 22:54	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/07/10 22:54	91-20-3	
Toluene	ND	ug/kg	4.6	1		06/07/10 22:54	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/07/10 22:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/07/10 22:54	108-67-8	
Toluene-d8 (S)	96	%	70-130	1		06/07/10 22:54	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/07/10 22:54	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/07/10 22:54	17060-07-0	
	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.8**	%	0.10	1		06/09/10 14:43		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P2B **Lab ID: 3028365005** Collected: 05/25/10 17:30 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.1	1		06/07/10 23:17	71-43-2	
Ethylbenzene	ND	ug/kg	4.1	1		06/07/10 23:17	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/07/10 23:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/07/10 23:17	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/07/10 23:17	91-20-3	
Toluene	ND	ug/kg	4.1	1		06/07/10 23:17	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/07/10 23:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/07/10 23:17	108-67-8	
Toluene-d8 (S)	96	%	70-130	1		06/07/10 23:17	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/07/10 23:17	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/07/10 23:17	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		06/09/10 14:44		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P3A **Lab ID: 3028365006** Collected: 05/25/10 17:35 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.9	1		06/07/10 23:39	71-43-2	
Ethylbenzene	ND	ug/kg	4.9	1		06/07/10 23:39	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/07/10 23:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/07/10 23:39	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/07/10 23:39	91-20-3	
Toluene	ND	ug/kg	4.9	1		06/07/10 23:39	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/07/10 23:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/07/10 23:39	108-67-8	
Toluene-d8 (S)	97	%	70-130	1		06/07/10 23:39	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/07/10 23:39	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		06/07/10 23:39	17060-07-0	
	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/09/10 14:45		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P4A **Lab ID: 3028365007** Collected: 05/25/10 17:50 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.5	1		06/08/10 00:02	71-43-2	
Ethylbenzene	ND	ug/kg	5.5	1		06/08/10 00:02	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		06/08/10 00:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		06/08/10 00:02	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1		06/08/10 00:02	91-20-3	
Toluene	ND	ug/kg	5.5	1		06/08/10 00:02	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		06/08/10 00:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		06/08/10 00:02	108-67-8	
Toluene-d8 (S)	100	%	70-130	1		06/08/10 00:02	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130	1		06/08/10 00:02	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/08/10 00:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10**	%	0.10	1		06/09/10 14:46		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]**2-P4B** **Lab ID: 3028365008** Collected: 05/25/10 17:57 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		06/08/10 00:24	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1		06/08/10 00:24	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/08/10 00:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/08/10 00:24	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/08/10 00:24	91-20-3	
Toluene	ND	ug/kg	5.0	1		06/08/10 00:24	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/08/10 00:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/08/10 00:24	108-67-8	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 00:24	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 00:24	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/08/10 00:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		06/09/10 14:47		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: [redacted]2-P3B **Lab ID: 3028365009** Collected: 05/25/10 17:40 Received: 05/26/10 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.0	1		06/08/10 00:47	71-43-2	
Ethylbenzene	ND	ug/kg	4.0	1		06/08/10 00:47	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		06/08/10 00:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		06/08/10 00:47	1634-04-4	
Naphthalene	ND	ug/kg	4.0	1		06/08/10 00:47	91-20-3	
Toluene	ND	ug/kg	4.0	1		06/08/10 00:47	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1		06/08/10 00:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1		06/08/10 00:47	108-67-8	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 00:47	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/08/10 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/08/10 00:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		06/09/10 14:48		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: TRIP BLANK **Lab ID: 3028365010** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/27/10 15:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/27/10 15:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/27/10 15:41	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		05/27/10 15:41	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/27/10 15:41	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		05/27/10 15:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/27/10 15:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 15:41	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/27/10 15:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/27/10 15:41	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/27/10 15:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 15:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/27/10 15:41	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		05/27/10 15:41	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		05/27/10 15:41	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		05/27/10 15:41	108-10-1	
Acetone	ND	ug/L	10.0	1		05/27/10 15:41	67-64-1	
Benzene	ND	ug/L	1.0	1		05/27/10 15:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		05/27/10 15:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		05/27/10 15:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		05/27/10 15:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		05/27/10 15:41	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		05/27/10 15:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		05/27/10 15:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/27/10 15:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/27/10 15:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/27/10 15:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/27/10 15:41	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/27/10 15:41	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		05/27/10 15:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		05/27/10 15:41	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		05/27/10 15:41	75-09-2	
Naphthalene	ND	ug/L	2.0	1		05/27/10 15:41	91-20-3	
Styrene	ND	ug/L	1.0	1		05/27/10 15:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		05/27/10 15:41	127-18-4	
Toluene	ND	ug/L	1.0	1		05/27/10 15:41	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		05/27/10 15:41	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/10 15:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		05/27/10 15:41	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/27/10 15:41	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/27/10 15:41	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		05/27/10 15:41	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	103-65-1	

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CABOT-EPA 004758

DIM0223739 DIM0224151

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028365

Sample: TRIP BLANK **Lab ID: 3028365010** Collected: Received: 05/26/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		05/27/10 15:41	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		05/27/10 15:41	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		05/27/10 15:41	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/27/10 15:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/27/10 15:41	10061-02-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		05/27/10 15:41	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		05/27/10 15:41	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		05/27/10 15:41	2037-26-5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

QC Batch: MSV/5962 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028365010

METHOD BLANK: 175388 | Matrix: Water
Associated Lab Samples: 3028365010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1-Dichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,1-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichloroethane	ug/L	ND	1.0	05/27/10 14:23	
1,2-Dichloropropane	ug/L	ND	1.0	05/27/10 14:23	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
2-Butanone (MEK)	ug/L	ND	10.0	05/27/10 14:23	
2-Hexanone	ug/L	ND	10.0	05/27/10 14:23	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	05/27/10 14:23	
Acetone	ug/L	ND	10.0	05/27/10 14:23	
Benzene	ug/L	ND	1.0	05/27/10 14:23	
Bromochloromethane	ug/L	ND	1.0	05/27/10 14:23	
Bromodichloromethane	ug/L	ND	1.0	05/27/10 14:23	
Bromoform	ug/L	ND	1.0	05/27/10 14:23	
Bromomethane	ug/L	ND	1.0	05/27/10 14:23	
Carbon disulfide	ug/L	ND	1.0	05/27/10 14:23	
Carbon tetrachloride	ug/L	ND	1.0	05/27/10 14:23	
Chlorobenzene	ug/L	ND	1.0	05/27/10 14:23	
Chloroethane	ug/L	ND	1.0	05/27/10 14:23	
Chloroform	ug/L	ND	1.0	05/27/10 14:23	
Chloromethane	ug/L	ND	1.0	05/27/10 14:23	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/27/10 14:23	
Dibromochloromethane	ug/L	ND	1.0	05/27/10 14:23	
Ethylbenzene	ug/L	ND	1.0	05/27/10 14:23	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	05/27/10 14:23	
m&p-Xylene	ug/L	ND	2.0	05/27/10 14:23	
Methyl-tert-butyl ether	ug/L	ND	1.0	05/27/10 14:23	
Methylene Chloride	ug/L	ND	1.0	05/27/10 14:23	
n-Butylbenzene	ug/L	ND	1.0	05/27/10 14:23	
n-Propylbenzene	ug/L	ND	1.0	05/27/10 14:23	
Naphthalene	ug/L	ND	2.0	05/27/10 14:23	
o-Xylene	ug/L	ND	1.0	05/27/10 14:23	
p-Isopropyltoluene	ug/L	ND	1.0	05/27/10 14:23	
sec-Butylbenzene	ug/L	ND	1.0	05/27/10 14:23	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

METHOD BLANK: 175388 Matrix: Water

Associated Lab Samples: 3028365010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	05/27/10 14:23	
Tetrachloroethene	ug/L	ND	1.0	05/27/10 14:23	
Toluene	ug/L	ND	1.0	05/27/10 14:23	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/27/10 14:23	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/27/10 14:23	
Trichloroethene	ug/L	ND	1.0	05/27/10 14:23	
Vinyl chloride	ug/L	ND	1.0	05/27/10 14:23	
Xylene (Total)	ug/L	ND	3.0	05/27/10 14:23	
1,2-Dichloroethane-d4 (S)	%	100	70-130	05/27/10 14:23	
4-Bromofluorobenzene (S)	%	97	70-130	05/27/10 14:23	
Toluene-d8 (S)	%	93	70-130	05/27/10 14:23	

LABORATORY CONTROL SAMPLE: 175389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.4	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.7	94	70-130	
1,1,2-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1-Dichloroethane	ug/L	20	20.3	101	70-130	
1,1-Dichloroethene	ug/L	20	17.3	87	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.9	104	70-130	
1,2,4-Trimethylbenzene	ug/L	20	22.2	111	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	70-130	
1,2-Dichlorobenzene	ug/L	20	20.6	103	70-130	
1,2-Dichloroethane	ug/L	20	20.2	101	70-130	
1,2-Dichloropropane	ug/L	20	18.4	92	70-130	
1,3,5-Trimethylbenzene	ug/L	20	22.6	113	70-130	
1,3-Dichlorobenzene	ug/L	20	20.8	104	70-130	
1,4-Dichlorobenzene	ug/L	20	20.6	103	70-130	
2-Butanone (MEK)	ug/L	20	20.2	101	70-130	
2-Hexanone	ug/L	20	19.8	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.5	103	70-130	
Acetone	ug/L	20	24.1	120	70-130	
Benzene	ug/L	20	19.9	100	70-130	
Bromochloromethane	ug/L	20	19.3	97	70-130	
Bromodichloromethane	ug/L	20	20.2	101	70-130	
Bromoform	ug/L	20	18.9	95	70-130	
Bromomethane	ug/L	20	33.2	166	70-130	L1
Carbon disulfide	ug/L	20	18.9	95	70-130	
Carbon tetrachloride	ug/L	20	21.4	107	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	21.8	109	70-130	
Chloroform	ug/L	20	20.5	103	70-130	
Chloromethane	ug/L	20	19.4	97	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

LABORATORY CONTROL SAMPLE: 175389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	19.1	95	70-130	
Dibromochloromethane	ug/L	20	20.5	102	70-130	
Ethylbenzene	ug/L	20	21.0	105	70-130	
Isopropylbenzene (Cumene)	ug/L	20	22.7	113	70-130	
m&p-Xylene	ug/L	40	36.6	91	70-130	
Methyl-tert-butyl ether	ug/L	20	20.5	102	70-130	
Methylene Chloride	ug/L	20	18.4	92	70-130	
n-Butylbenzene	ug/L	20	22.0	110	70-130	
n-Propylbenzene	ug/L	20	23.6	118	70-130	
Naphthalene	ug/L	20	23.0	115	70-130	
o-Xylene	ug/L	20	20.7	104	70-130	
p-Isopropyltoluene	ug/L	20	22.5	112	70-130	
sec-Butylbenzene	ug/L	20	23.3	116	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	19.5	98	70-130	
Toluene	ug/L	20	21.0	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.9	90	70-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Vinyl chloride	ug/L	20	21.4	107	70-130	
Xylene (Total)	ug/L	60	57.3	95	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 175555 175556

Parameter	Units	3028155001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	16.1	22.4	81	112	70-130	32	R1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	15.5	20.6	77	103	70-130	28	
1,1,2-Trichloroethane	ug/L	ND	20	20	16.5	21.4	82	107	70-130	26	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	22.5	87	112	70-130	25	
1,1-Dichloroethene	ug/L	ND	20	20	15.0	20.2	75	101	70-130	29	
1,2,4-Trichlorobenzene	ug/L				15.6	19.8				23	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	23.4	93	117	70-130	22	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	15.7	20.9	78	104	70-130	29	
1,2-Dichlorobenzene	ug/L	ND	20	20	16.5	21.5	82	108	70-130	27	
1,2-Dichloroethane	ug/L	ND	20	20	16.6	22.3	83	112	70-130	29	
1,2-Dichloropropane	ug/L	ND	20	20	15.9	20.6	80	103	70-130	25	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.8	24.2	94	121	70-130	25	
1,3-Dichlorobenzene	ug/L	ND	20	20	16.3	21.5	82	108	70-130	28	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.9	22.2	84	111	70-130	27	
2-Butanone (MEK)	ug/L	ND	20	20	20.3	19.4	102	97	70-130	5	
2-Hexanone	ug/L	ND	20	20	20.1	20.4	101	102	70-130	1	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	21.9	21.8	110	109	70-130	.7	
Acetone	ug/L	ND	20	20	18.5	25.8	67	103	70-130	33	M0,R1

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 175555 175556

Parameter	Units	3028155001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	16.9	21.9	84	110	70-130	26	
Bromochloromethane	ug/L	ND	20	20	16.6	20.5	83	102	70-130	21	
Bromodichloromethane	ug/L	ND	20	20	13.4	19.1	67	96	70-130	35	M0,R1
Bromoform	ug/L	ND	20	20	12.3	16.3	62	81	70-130	28	M0
Bromomethane	ug/L	ND	20	20	23.0	26.4	115	132	70-130	14	M0
Carbon disulfide	ug/L	ND	20	20	22.8	23.2	111	113	70-130	2	
Carbon tetrachloride	ug/L	ND	20	20	14.3	20.0	72	100	70-130	33	R1
Chlorobenzene	ug/L	ND	20	20	17.5	22.7	87	114	70-130	26	
Chloroethane	ug/L	ND	20	20	24.2	22.5	121	112	70-130	7	
Chloroform	ug/L	ND	20	20	16.8	22.0	84	110	70-130	27	
Chloromethane	ug/L	ND	20	20	16.9	18.3	85	91	70-130	8	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.1	22.7	85	114	70-130	29	
cis-1,3-Dichloropropene	ug/L	ND	20	20	13.9	19.3	70	96	70-130	32	R1
Dibromochloromethane	ug/L	ND	20	20	14.1	18.3	71	91	70-130	26	
Ethylbenzene	ug/L	ND	20	20	17.5	23.0	88	115	70-130	27	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.6	24.6	93	123	70-130	28	
m&p-Xylene	ug/L	ND	40	40	31.4	40.3	78	101	70-130	25	
Methyl-tert-butyl ether	ug/L	ND	20	20	23.6	22.9	118	114	70-130	3	
Methylene Chloride	ug/L	ND	20	20	10	20.2	50	101	70-130	67	M0,R1
n-Butylbenzene	ug/L	ND	20	20	18.1	22.4	91	112	70-130	21	
n-Propylbenzene	ug/L	ND	20	20	19.4	25.3	97	127	70-130	27	
Naphthalene	ug/L	ND	20	20	23.3	21.8	116	109	70-130	7	
o-Xylene	ug/L	ND	20	20	17.4	22.6	87	113	70-130	26	
p-Isopropyltoluene	ug/L	ND	20	20	18.2	23.8	91	119	70-130	27	
sec-Butylbenzene	ug/L	ND	20	20	19.0	25.4	95	127	70-130	29	
Styrene	ug/L	ND	20	20	16.8	22.2	84	111	70-130	28	
Tetrachloroethene	ug/L	ND	20	20	16.9	22.1	85	110	70-130	27	
Toluene	ug/L	ND	20	20	18.1	23.5	91	118	70-130	26	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.0	22.1	85	111	70-130	27	
trans-1,3-Dichloropropene	ug/L	ND	20	20	13.4	18.1	67	91	70-130	30	M0
Trichloroethene	ug/L	ND	20	20	16.3	21.3	81	107	70-130	27	
Vinyl chloride	ug/L	ND	20	20	21.2	21.5	106	108	70-130	2	
Xylene (Total)	ug/L	ND	60	60	48.8	62.8	81	105	70-130	25	
1,2-Dichloroethane-d4 (S)	%						100	101	70-130		
4-Bromofluorobenzene (S)	%						96	99	70-130		
Toluene-d8 (S)	%						97	98	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

QC Batch: MSV/6100 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-SOIL
Associated Lab Samples: 3028365001, 3028365002, 3028365003, 3028365004, 3028365005, 3028365006, 3028365007, 3028365008, 3028365009

METHOD BLANK: 179688 Matrix: Solid
Associated Lab Samples: 3028365001, 3028365002, 3028365003, 3028365004, 3028365005, 3028365006, 3028365007, 3028365008, 3028365009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/07/10 20:39	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/07/10 20:39	
Benzene	ug/kg	ND	5.0	06/07/10 20:39	
Ethylbenzene	ug/kg	ND	5.0	06/07/10 20:39	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/07/10 20:39	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/07/10 20:39	
Naphthalene	ug/kg	ND	5.0	06/07/10 20:39	
Toluene	ug/kg	ND	5.0	06/07/10 20:39	
1,2-Dichloroethane-d4 (S)	%	96	70-130	06/07/10 20:39	
4-Bromofluorobenzene (S)	%	94	70-130	06/07/10 20:39	
Toluene-d8 (S)	%	98	70-130	06/07/10 20:39	

LABORATORY CONTROL SAMPLE: 179689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	17.3	87	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	17.8	89	70-130	
Benzene	ug/kg	20	17.7	89	70-130	
Ethylbenzene	ug/kg	20	18.4	92	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	18.7	93	70-130	
Methyl-tert-butyl ether	ug/kg	20	18.5	93	70-130	
Naphthalene	ug/kg	20	17.7	88	70-130	
Toluene	ug/kg	20	18.1	90	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

QC Batch: PMST/1895 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028365001, 3028365002, 3028365004, 3028365005, 3028365006, 3028365007, 3028365008, 3028365009

SAMPLE DUPLICATE: 180184

Parameter	Units	3028365001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.9	8.8	10	

SAMPLE DUPLICATE: 180185

Parameter	Units	3028365002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	8.8	8.5	3	

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028365

QC Batch: PMST/1901
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 3028365003

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 180929

Parameter	Units	3028941016 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.0	14.8	14	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: KLG
Pace Project No.: 3028365

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

BATCH QUALIFIERS

Batch: MSV/6100

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028365

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028365010	TRIP BLANK	EPA 8260	MSV/5962		
3028365001	[redacted]-2-P1A	EPA 8260	MSV/6100		
3028365002	[redacted]-2-P2A	EPA 8260	MSV/6100		
3028365003	[redacted]-2-P1B	EPA 8260	MSV/6100		
3028365004	[redacted]-2-P1C	EPA 8260	MSV/6100		
3028365005	[redacted]-2-P2B	EPA 8260	MSV/6100		
3028365006	[redacted]-2-P3A	EPA 8260	MSV/6100		
3028365007	[redacted]-2-P4A	EPA 8260	MSV/6100		
3028365008	[redacted]-2-P4B	EPA 8260	MSV/6100		
3028365009	[redacted]-2-P3B	EPA 8260	MSV/6100		
3028365001	[redacted]-2-P1A	ASTM D2974-87	PMST/1895		
3028365002	[redacted]-2-P2A	ASTM D2974-87	PMST/1895		
3028365005	[redacted]-2-P2B	ASTM D2974-87	PMST/1895		
3028365007	[redacted]-2-P4A	ASTM D2974-87	PMST/1895		
3028365008	[redacted]-2-P4B	ASTM D2974-87	PMST/1895		
3028365009	[redacted]-2-P3B	ASTM D2974-87	PMST/1895		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1361253

Section A Required Client Information:

Company: URS CORP
Address: 501 HOLIDAY DRIVE
PITTSBURGH PA 15220
Email To: James_Pinto@urscorp.com
Phone: 412 503-4601 Fax:
Requested Due Date/TAT: 2-WEEK

Section B Required Project Information:

Report To: James_Pinto@urscorp.com
Copy To: mark_holsing@urscorp.com
andy_mehallick@urscorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39939654.00001

Section C Invoice Information:

Attention: thomas_mersick@urscorp.com
Company Name: URS CORP
Address: 501 HOLIDAY DRIVE
PITTSBURGH PA 15220
Pace Quote Reference:
Pace Project Manager: TIM REED
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) VOC	SVOC + TIC	DRO	Metals	MBAS	PH/Acidity/Alk	TDS/NH3-N	GRO	TPH-1664A			Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]-4-P4B	S	G	5/25/10	1440	LMSH												X	X	X	X	X	X	X	X	X				302 8365
2	[redacted]-2-P1A	↓	↓	↓	1700													X	X											001
3	[redacted]-2-P2A				1725													X	X											002
4	[redacted]-2-P1B				1705													X	X											003
5	[redacted]-2-P1C				1707													X	X											004
6	[redacted]-2-P2B				1730													X	X											005
7	[redacted]-2-P3A				1735													X	X											006
8	[redacted]-2-P4A				1750													X	X											007
9	[redacted]-2-P4B				1757													X	X											008
10																		X	X											[redacted]-2-P3B 009
11																														TB 010
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[illegible] URS	5/25/10	1910	[illegible]	5-26-10	1000	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 004769

DIM0223739 DIM0224162

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for ALL Petroleum Products
		Analytical Parameters Requested													
Soils															
P/F	[redacted] 1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted] 1	x	x	x		x				x	x		x		
P/F	[redacted] 2	x	x	x		x				x	x		x		
SL4D	[redacted] 5 - "P samples"													x	
P/F	[redacted] 5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted] 4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted] 3 - "P samples"													x	
P/F	[redacted] 3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted] 7	x	x	x		x				x	x		x		
SL4D	[redacted] 2 - "P samples"													x	
P/F + SL4D	[redacted] 2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted] 5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted] 6														x
P/F	[redacted] 7	x	x	x		x				x	x		x		
Water															
Ext	[redacted] 4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted] 6					x								x	

Per Sir Rich

CABOT-EPA 004770

DIM0223739

DIM0224163

Sample Condition Upon Receipt

SMB

Pace Analytical

Client Name: URS Project # 3028365

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: Asstr # 8656594 6651

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 6.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-26-10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☐Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☐Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SOAQ	☐Yes ☐No ☐N/A	12. - IDs differ from some of the labels
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13. - samples duplicated on COC
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

[redacted]-2-P3B not on COC 5-25-10 1240

[redacted]-4-P4B on another project.

Project Manager Review: _____ **Date:** 5/27/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

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(724)850-5600

June 11, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028442

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLG
Pace Project No.: 3028442

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028442

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028442001	[redacted]-3-B1	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028442002	[redacted]-3-B1(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442003	[redacted]-3-B2	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028442004	[redacted]-3-B2(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442005	[redacted]-3-B3	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028442006	[redacted]-3-B3(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442007	[redacted]-3-B4	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028442008	[redacted]-3-B4(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442009	[redacted]3-B22	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028442

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028442010	[redacted]3-B22(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442011	[redacted]3-B5	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028442012	[redacted]3-B5(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028442013	TRIP BLANK	EPA 8260	JAS	55	PASI-PA

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(724)850-5600

HITS ONLY

Project: KLG
Pace Project No.: 3028442

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028442001	[redacted]3-B1					
EPA 6010B	Aluminum	15000	mg/kg	8.3	06/10/10 10:13	
EPA 6010B	Arsenic	15.9	mg/kg	0.41	06/10/10 10:13	
EPA 6010B	Barium	130	mg/kg	1.7	06/10/10 10:13	
EPA 6010B	Beryllium	0.77	mg/kg	0.17	06/10/10 10:13	
EPA 6010B	Boron	8.5	mg/kg	4.1	06/10/10 10:13	
EPA 6010B	Cadmium	0.43	mg/kg	0.17	06/10/10 10:13	
EPA 6010B	Calcium	807	mg/kg	165	06/10/10 10:13	
EPA 6010B	Chromium	15.2	mg/kg	0.41	06/10/10 10:13	
EPA 6010B	Cobalt	12.0	mg/kg	0.83	06/10/10 10:13	
EPA 6010B	Copper	18.2	mg/kg	0.83	06/10/10 10:13	
EPA 6010B	Iron	26700	mg/kg	8.3	06/10/10 10:13	
EPA 6010B	Lead	15.4	mg/kg	0.41	06/10/10 10:13	
EPA 6010B	Magnesium	4210	mg/kg	41.3	06/10/10 10:13	
EPA 6010B	Manganese	808	mg/kg	0.83	06/10/10 10:13	
EPA 6010B	Nickel	21.9	mg/kg	1.7	06/10/10 10:13	
EPA 6010B	Potassium	1950	mg/kg	41.3	06/10/10 10:13	
EPA 6010B	Silver	0.25	mg/kg	0.17	06/10/10 13:08	
EPA 6010B	Vanadium	16.4	mg/kg	0.83	06/10/10 10:13	
EPA 6010B	Zinc	66.4	mg/kg	0.83	06/10/10 10:13	
EPA 8260	Acetone	119	ug/kg	9.1	06/04/10 03:28	
EPA 8260	2-Butanone (MEK)	9.7	ug/kg	9.1	06/04/10 03:28	
ASTM D2974-87	Percent Moisture	13.4	%	0.10	06/10/10 12:13	
EPA 350.1	Nitrogen, Ammonia	11.9	mg/kg	5.0	06/08/10 16:04	
3028442003	[redacted]3-B2					
EPA 6010B	Aluminum	13500	mg/kg	7.1	06/10/10 10:16	
EPA 6010B	Arsenic	18.9	mg/kg	0.35	06/10/10 10:16	
EPA 6010B	Barium	172	mg/kg	1.4	06/10/10 10:16	
EPA 6010B	Beryllium	0.70	mg/kg	0.14	06/10/10 10:16	
EPA 6010B	Boron	8.8	mg/kg	3.5	06/10/10 10:16	
EPA 6010B	Cadmium	0.53	mg/kg	0.14	06/10/10 10:16	
EPA 6010B	Calcium	2970	mg/kg	141	06/10/10 10:16	
EPA 6010B	Chromium	16.8	mg/kg	0.35	06/10/10 10:16	
EPA 6010B	Cobalt	15.0	mg/kg	0.71	06/10/10 10:16	
EPA 6010B	Copper	16.2	mg/kg	0.71	06/10/10 10:16	
EPA 6010B	Iron	27700	mg/kg	7.1	06/10/10 10:16	
EPA 6010B	Lead	16.2	mg/kg	0.35	06/10/10 10:16	
EPA 6010B	Magnesium	4750	mg/kg	35.4	06/10/10 10:16	
EPA 6010B	Manganese	999	mg/kg	0.71	06/10/10 10:16	
EPA 6010B	Nickel	23.8	mg/kg	1.4	06/10/10 10:16	
EPA 6010B	Potassium	2060	mg/kg	35.4	06/10/10 10:16	
EPA 6010B	Silver	0.27	mg/kg	0.14	06/10/10 13:12	
EPA 6010B	Vanadium	16.0	mg/kg	0.71	06/10/10 10:16	
EPA 6010B	Zinc	72.4	mg/kg	0.71	06/10/10 10:16	
EPA 8260	Acetone	62.5	ug/kg	10.8	06/04/10 03:50	
ASTM D2974-87	Percent Moisture	11.6	%	0.10	06/10/10 12:14	
EPA 350.1	Nitrogen, Ammonia	14.8	mg/kg	5.0	06/08/10 16:05	

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Project: KLG
Pace Project No.: 3028442

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028442005	[redacted]-3-B3					
EPA 6010B	Aluminum	13200	mg/kg	6.0	06/10/10 10:19	
EPA 6010B	Arsenic	15.2	mg/kg	0.30	06/10/10 10:19	
EPA 6010B	Barium	134	mg/kg	1.2	06/10/10 10:19	
EPA 6010B	Beryllium	0.69	mg/kg	0.12	06/10/10 10:19	
EPA 6010B	Boron	7.9	mg/kg	3.0	06/10/10 10:19	
EPA 6010B	Cadmium	0.55	mg/kg	0.12	06/10/10 10:19	
EPA 6010B	Calcium	1450	mg/kg	120	06/10/10 10:19	
EPA 6010B	Chromium	14.0	mg/kg	0.30	06/10/10 10:19	
EPA 6010B	Cobalt	11.3	mg/kg	0.60	06/10/10 10:19	
EPA 6010B	Copper	17.6	mg/kg	0.60	06/10/10 10:19	
EPA 6010B	Iron	24800	mg/kg	6.0	06/10/10 10:19	
EPA 6010B	Lead	20.2	mg/kg	0.30	06/10/10 10:19	
EPA 6010B	Magnesium	3930	mg/kg	29.9	06/10/10 10:19	
EPA 6010B	Manganese	702	mg/kg	0.60	06/10/10 10:19	
EPA 6010B	Nickel	20.9	mg/kg	1.2	06/10/10 10:19	
EPA 6010B	Potassium	2050	mg/kg	29.9	06/10/10 10:19	
EPA 6010B	Silver	0.28	mg/kg	0.12	06/10/10 13:17	
EPA 6010B	Vanadium	14.8	mg/kg	0.60	06/10/10 10:19	
EPA 6010B	Zinc	70.4	mg/kg	0.60	06/10/10 10:19	
EPA 8260	Acetone	57.4	ug/kg	8.7	06/04/10 04:13	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	06/10/10 12:15	
EPA 350.1	Nitrogen, Ammonia	8.8	mg/kg	5.7	06/08/10 16:06	
3028442007	[redacted]-3-B4					
EPA 6010B	Aluminum	13500	mg/kg	9.1	06/10/10 10:22	
EPA 6010B	Arsenic	35.6	mg/kg	0.46	06/10/10 10:22	
EPA 6010B	Barium	171	mg/kg	1.8	06/10/10 10:22	
EPA 6010B	Beryllium	0.60	mg/kg	0.18	06/10/10 10:22	
EPA 6010B	Boron	8.2	mg/kg	4.6	06/10/10 10:22	
EPA 6010B	Cadmium	0.48	mg/kg	0.18	06/10/10 10:22	
EPA 6010B	Calcium	1030	mg/kg	183	06/10/10 10:22	
EPA 6010B	Chromium	15.1	mg/kg	0.46	06/10/10 10:22	
EPA 6010B	Cobalt	19.4	mg/kg	0.91	06/10/10 10:22	
EPA 6010B	Copper	11.6	mg/kg	0.91	06/10/10 10:22	
EPA 6010B	Iron	27700	mg/kg	9.1	06/10/10 10:22	
EPA 6010B	Lead	12.0	mg/kg	0.46	06/10/10 10:22	
EPA 6010B	Magnesium	4230	mg/kg	45.6	06/10/10 10:22	
EPA 6010B	Manganese	1390	mg/kg	0.91	06/10/10 10:22	
EPA 6010B	Nickel	25.8	mg/kg	1.8	06/10/10 10:22	
EPA 6010B	Potassium	1610	mg/kg	45.6	06/10/10 10:22	
EPA 6010B	Silver	0.37	mg/kg	0.18	06/10/10 13:22	
EPA 6010B	Vanadium	14.2	mg/kg	0.91	06/10/10 10:22	
EPA 6010B	Zinc	63.3	mg/kg	0.91	06/10/10 10:22	
EPA 8260	Acetone	217	ug/kg	10.3	06/04/10 04:36	
EPA 8260	2-Butanone (MEK)	23.2	ug/kg	10.3	06/04/10 04:36	
EPA 8260	Carbon disulfide	12.8	ug/kg	5.2	06/04/10 04:36	
ASTM D2974-87	Percent Moisture	3.9	%	0.10	06/10/10 12:16	
EPA 350.1	Nitrogen, Ammonia	7.4	mg/kg	4.9	06/08/10 16:09	

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Project: KLG
Pace Project No.: 3028442

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028442009	**[redacted]3-B22**					
EPA 6010B	Aluminum	14300	mg/kg	9.0	06/10/10 10:25	
EPA 6010B	Arsenic	16.5	mg/kg	0.45	06/10/10 10:25	
EPA 6010B	Barium	148	mg/kg	1.8	06/10/10 10:25	
EPA 6010B	Beryllium	0.79	mg/kg	0.18	06/10/10 10:25	
EPA 6010B	Boron	9.1	mg/kg	4.5	06/10/10 10:25	
EPA 6010B	Cadmium	0.48	mg/kg	0.18	06/10/10 10:25	
EPA 6010B	Calcium	1610	mg/kg	180	06/10/10 10:25	
EPA 6010B	Chromium	15.3	mg/kg	0.45	06/10/10 10:25	
EPA 6010B	Cobalt	12.1	mg/kg	0.90	06/10/10 10:25	
EPA 6010B	Copper	18.1	mg/kg	0.90	06/10/10 10:25	
EPA 6010B	Iron	27800	mg/kg	9.0	06/10/10 10:25	
EPA 6010B	Lead	17.9	mg/kg	0.45	06/10/10 10:25	
EPA 6010B	Magnesium	4440	mg/kg	45.1	06/10/10 10:25	
EPA 6010B	Manganese	778	mg/kg	0.90	06/10/10 10:25	
EPA 6010B	Nickel	23.1	mg/kg	1.8	06/10/10 10:25	
EPA 6010B	Potassium	2270	mg/kg	45.1	06/10/10 10:25	
EPA 6010B	Silver	0.29	mg/kg	0.18	06/10/10 13:27	
EPA 6010B	Vanadium	16.6	mg/kg	0.90	06/10/10 10:25	
EPA 6010B	Zinc	72.1	mg/kg	0.90	06/10/10 10:25	
EPA 8260	Acetone	62.0	ug/kg	13.4	06/04/10 04:59	
ASTM D2974-87	Percent Moisture	13.4	%	0.10	06/10/10 12:17	
EPA 350.1	Nitrogen, Ammonia	5.9	mg/kg	5.6	06/08/10 16:10	
3028442011	**[redacted]3-B5**					
EPA 6010B	Aluminum	13600	mg/kg	10.2	06/10/10 10:27	
EPA 6010B	Arsenic	27.2	mg/kg	0.51	06/10/10 10:27	
EPA 6010B	Barium	214	mg/kg	2.0	06/10/10 10:27	
EPA 6010B	Beryllium	0.81	mg/kg	0.20	06/10/10 10:27	
EPA 6010B	Boron	10.2	mg/kg	5.1	06/10/10 10:27	
EPA 6010B	Cadmium	0.60	mg/kg	0.20	06/10/10 10:27	
EPA 6010B	Calcium	2030	mg/kg	205	06/10/10 10:27	
EPA 6010B	Chromium	15.4	mg/kg	0.51	06/10/10 10:27	
EPA 6010B	Cobalt	15.9	mg/kg	1.0	06/10/10 10:27	
EPA 6010B	Copper	20.5	mg/kg	1.0	06/10/10 10:27	
EPA 6010B	Iron	30700	mg/kg	10.2	06/10/10 10:27	
EPA 6010B	Lead	14.3	mg/kg	0.51	06/10/10 10:27	
EPA 6010B	Magnesium	4560	mg/kg	51.2	06/10/10 10:27	
EPA 6010B	Manganese	3160	mg/kg	10.2	06/10/10 16:31	
EPA 6010B	Nickel	25.9	mg/kg	2.0	06/10/10 10:27	
EPA 6010B	Potassium	2240	mg/kg	51.2	06/10/10 10:27	
EPA 6010B	Silver	0.30	mg/kg	0.20	06/10/10 13:31	
EPA 6010B	Vanadium	15.8	mg/kg	1.0	06/10/10 10:27	
EPA 6010B	Zinc	70.1	mg/kg	1.0	06/10/10 10:27	
ASTM D2974-87	Percent Moisture	9.5	%	0.10	06/10/10 12:19	

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3951

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366025

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 176687)
  - *Aluminum*
  - Antimony
  - Calcium
  - Iron
  - Magnesium
  - Manganese
  - Potassium

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3951

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 176686)
  - Calcium

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: EPA 6010B
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 11, 2010

Additional Comments:

Sample Comments:

One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

- [redacted]3-B4 (Lab ID: 3028442007)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: EPA 7471
Description: 7471 Mercury
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

- [redacted]-3-B4 (Lab ID: 3028442007)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

- [redacted]3-B4 (Lab ID: 3028442007)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **EPA 8260**
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/6055

S0: Surrogate recovery outside laboratory control limits.

- [redacted]-3-B2 (Lab ID: 3028442003)
  - 1,2-Dichloroethane-d4 (S)
- [redacted]-3-B3 (Lab ID: 3028442005)
  - 1,2-Dichloroethane-d4 (S)
- [redacted]-3-B5 (Lab ID: 3028442011)
  - 1,2-Dichloroethane-d4 (S)

QC Batch: MSV/6120

S0: Surrogate recovery outside laboratory control limits.

- [redacted]-3-B4 (Lab ID: 3028442007)
  - 1,2-Dichloroethane-d4 (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

QC Batch: MSV/6055

B: Analyte was detected in the associated method blank.

- BLANK (Lab ID: 178435)
  - Methylene Chloride

QC Batch: MSV/6120

B: Analyte was detected in the associated method blank.

- BLANK (Lab ID: 180211)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **EPA 8260**
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 11, 2010

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6055

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6120

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

- [redacted]-3-B4 (Lab ID: 3028442007)

Analyte Comments:

QC Batch: MSV/6055

C9: Common Laboratory Contaminant.

- BLANK (Lab ID: 178435)
  - Methylene Chloride

QC Batch: MSV/6120

C9: Common Laboratory Contaminant.

- BLANK (Lab ID: 180211)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6008

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028288023

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176859)
  - Bromoform
  - Carbon disulfide
  - Chloroethane
  - n-Propylbenzene
  - trans-1,3-Dichloropropene
- MSD (Lab ID: 176860)
  - Chloroethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 176860)
  - Bromomethane
  - Carbon disulfide

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: EPA 8260
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WET/5796

2c: Samples were tumbled on 06/01/2010 and analyzed within 48 hours.

- DUP (Lab ID: 177508)
  - Surfactants
- [redacted]3-B1(ASTM) (Lab ID: 3028442002)
  - Surfactants
- [redacted]-3-B2(ASTM) (Lab ID: 3028442004)
  - Surfactants
- [redacted]-3-B22(ASTM) (Lab ID: 3028442010)
  - Surfactants
- [redacted]-3-B3(ASTM) (Lab ID: 3028442006)
  - Surfactants
- [redacted]-3-B4(ASTM) (Lab ID: 3028442008)
  - Surfactants
- [redacted]-3-B5(ASTM) (Lab ID: 3028442012)
  - Surfactants
- MS (Lab ID: 177509)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **EPA 350.1**
Description: 350.1 Ammonia
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

- [redacted]-3-B4 (Lab ID: 3028442007)

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028442

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
6 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4380

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366036

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 177686)
  - Chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WETA/4380

1c: ASTM BLANK

- BLANK (Lab ID: 177740)
  - Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B1 **Lab ID: 3028442001** Collected: 05/26/10 07:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15000**	mg/kg	8.3	1	05/30/10 16:09	06/10/10 10:13	7429-90-5	
Antimony	ND	mg/kg	0.41	1	05/30/10 16:09	06/10/10 13:08	7440-36-0	
Arsenic	**15.9**	mg/kg	0.41	1	05/30/10 16:09	06/10/10 10:13	7440-38-2	
Barium	**130**	mg/kg	1.7	1	05/30/10 16:09	06/10/10 10:13	7440-39-3	
Beryllium	**0.77**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 10:13	7440-41-7	
Boron	**8.5**	mg/kg	4.1	1	05/30/10 16:09	06/10/10 10:13	7440-42-8	
Cadmium	**0.43**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 10:13	7440-43-9	
Calcium	**807**	mg/kg	165	1	05/30/10 16:09	06/10/10 10:13	7440-70-2	
Chromium	**15.2**	mg/kg	0.41	1	05/30/10 16:09	06/10/10 10:13	7440-47-3	
Cobalt	**12.0**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 10:13	7440-48-4	
Copper	**18.2**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 10:13	7440-50-8	
Iron	**26700**	mg/kg	8.3	1	05/30/10 16:09	06/10/10 10:13	7439-89-6	
Lead	**15.4**	mg/kg	0.41	1	05/30/10 16:09	06/10/10 10:13	7439-92-1	
Magnesium	**4210**	mg/kg	41.3	1	05/30/10 16:09	06/10/10 10:13	7439-95-4	
Manganese	**808**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 10:13	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:09	06/10/10 10:13	7439-98-7	
Nickel	**21.9**	mg/kg	1.7	1	05/30/10 16:09	06/10/10 10:13	7440-02-0	
Potassium	**1950**	mg/kg	41.3	1	05/30/10 16:09	06/10/10 10:13	7440-09-7	
Selenium	ND	mg/kg	0.41	1	05/30/10 16:09	06/10/10 10:13	7782-49-2	
Silver	**0.25**	mg/kg	0.17	1	05/30/10 16:09	06/10/10 13:08	7440-22-4	
Sodium	ND	mg/kg	413	1	05/30/10 16:09	06/10/10 10:13	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:09	06/10/10 13:08	7440-28-0	
Vanadium	**16.4**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 10:13	7440-62-2	
Zinc	**66.4**	mg/kg	0.83	1	05/30/10 16:09	06/10/10 10:13	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:15	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	83-32-9	
Acenaphthylene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	208-96-8	
Anthracene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	56-55-3	
Benzo(a)pyrene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	207-08-9	
Benzyl alcohol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	59-50-7	
4-Chloroaniline	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]-3-B1 **Lab ID: 3028442001** Collected: 05/26/10 07:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	91-58-7	
2-Chlorophenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	7005-72-3	
Chrysene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	53-70-3	
Dibenzofuran	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	120-83-2	
Diethylphthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	105-67-9	
Dimethylphthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	117-81-7	
Fluoranthene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	206-44-0	
Fluorene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	87-68-3	
Hexachlorobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	77-47-4	
Hexachloroethane	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	193-39-5	
Isophorone	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	78-59-1	
2-Methylnaphthalene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	757	1	06/04/10 16:41	06/07/10 13:43		
Naphthalene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	91-20-3	
2-Nitroaniline	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	88-74-4	
3-Nitroaniline	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	99-09-2	
4-Nitroaniline	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	100-01-6	
Nitrobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	98-95-3	
2-Nitrophenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	88-75-5	
4-Nitrophenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	86-30-6	
Pentachlorophenol	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	87-86-5	
Phenanthrene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	85-01-8	
Phenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	108-95-2	
Pyrene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B1 **Lab ID: 3028442001** Collected: 05/26/10 07:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	946	1	06/04/10 16:41	06/07/10 13:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	378	1	06/04/10 16:41	06/07/10 13:43	88-06-2	
Nitrobenzene-d5 (S)	86	%	35-114	1	06/04/10 16:41	06/07/10 13:43	4165-60-0	
2-Fluorobiphenyl (S)	74	%	43-116	1	06/04/10 16:41	06/07/10 13:43	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/04/10 16:41	06/07/10 13:43	1718-51-0	
Phenol-d6 (S)	73	%	10-110	1	06/04/10 16:41	06/07/10 13:43	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/04/10 16:41	06/07/10 13:43	367-12-4	
2,4,6-Tribromophenol (S)	58	%	10-123	1	06/04/10 16:41	06/07/10 13:43	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**119**	ug/kg	9.1	1		06/04/10 03:28	67-64-1	
Benzene	ND	ug/kg	4.5	1		06/04/10 03:28	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		06/04/10 03:28	75-27-4	
Bromoform	ND	ug/kg	4.5	1		06/04/10 03:28	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		06/04/10 03:28	74-83-9	
TOTAL BTEX	ND	ug/kg	27.2	1		06/04/10 03:28		
2-Butanone (MEK)	**9.7**	ug/kg	9.1	1		06/04/10 03:28	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	135-98-8	
Carbon disulfide	ND	ug/kg	4.5	1		06/04/10 03:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		06/04/10 03:28	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		06/04/10 03:28	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	75-00-3	
Chloroform	ND	ug/kg	4.5	1		06/04/10 03:28	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		06/04/10 03:28	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	1		06/04/10 03:28	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		06/04/10 03:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		06/04/10 03:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		06/04/10 03:28	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.1	1		06/04/10 03:28	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.5	1		06/04/10 03:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/04/10 03:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/04/10 03:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		06/04/10 03:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/04/10 03:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/04/10 03:28	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	100-41-4	
2-Hexanone	ND	ug/kg	9.1	1		06/04/10 03:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/04/10 03:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		06/04/10 03:28	99-87-6	
Methylene Chloride	ND	ug/kg	4.5	1		06/04/10 03:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1		06/04/10 03:28	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]**3-B1** **Lab ID: 3028442001** Collected: 05/26/10 07:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/04/10 03:28	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/04/10 03:28	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	103-65-1	
Styrene	ND	ug/kg	4.5	1		06/04/10 03:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		06/04/10 03:28	127-18-4	
Toluene	ND	ug/kg	4.5	1		06/04/10 03:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		06/04/10 03:28	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		06/04/10 03:28	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/04/10 03:28	108-67-8	
Vinyl chloride	ND	ug/kg	4.5	1		06/04/10 03:28	75-01-4	
Xylene (Total)	ND	ug/kg	13.6	1		06/04/10 03:28	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		06/04/10 03:28	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		06/04/10 03:28	95-47-6	
Toluene-d8 (S)	97	%	70-130	1		06/04/10 03:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/04/10 03:28	460-00-4	
1,2-Dichloroethane-d4 (S)	130	%	70-130	1		06/04/10 03:28	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.4**	%	0.10	1		06/10/10 12:13		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**11.9**	mg/kg	5.0	1		06/08/10 16:04	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B1(ASTM) **Lab ID: 3028442002** Collected: 05/26/10 07:40 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:16	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B2 **Lab ID: 3028442003** Collected: 05/26/10 07:50 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13500**	mg/kg	7.1	1	05/30/10 16:09	06/10/10 10:16	7429-90-5	
Antimony	ND	mg/kg	0.35	1	05/30/10 16:09	06/10/10 13:12	7440-36-0	
Arsenic	**18.9**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 10:16	7440-38-2	
Barium	**172**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:16	7440-39-3	
Beryllium	**0.70**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 10:16	7440-41-7	
Boron	**8.8**	mg/kg	3.5	1	05/30/10 16:09	06/10/10 10:16	7440-42-8	
Cadmium	**0.53**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 10:16	7440-43-9	
Calcium	**2970**	mg/kg	141	1	05/30/10 16:09	06/10/10 10:16	7440-70-2	
Chromium	**16.8**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 10:16	7440-47-3	
Cobalt	**15.0**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 10:16	7440-48-4	
Copper	**16.2**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 10:16	7440-50-8	
Iron	**27700**	mg/kg	7.1	1	05/30/10 16:09	06/10/10 10:16	7439-89-6	
Lead	**16.2**	mg/kg	0.35	1	05/30/10 16:09	06/10/10 10:16	7439-92-1	
Magnesium	**4750**	mg/kg	35.4	1	05/30/10 16:09	06/10/10 10:16	7439-95-4	
Manganese	**999**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 10:16	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:16	7439-98-7	
Nickel	**23.8**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:16	7440-02-0	
Potassium	**2060**	mg/kg	35.4	1	05/30/10 16:09	06/10/10 10:16	7440-09-7	
Selenium	ND	mg/kg	0.35	1	05/30/10 16:09	06/10/10 10:16	7782-49-2	
Silver	**0.27**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 13:12	7440-22-4	
Sodium	ND	mg/kg	354	1	05/30/10 16:09	06/10/10 10:16	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 13:12	7440-28-0	
Vanadium	**16.0**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 10:16	7440-62-2	
Zinc	**72.4**	mg/kg	0.71	1	05/30/10 16:09	06/10/10 10:16	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:20	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	83-32-9	
Acenaphthylene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	208-96-8	
Anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	56-55-3	
Benzo(a)pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	207-08-9	
Benzyl alcohol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	101-55-3	
Butylbenzylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	59-50-7	
4-Chloroaniline	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B2 **Lab ID: 3028442003** Collected: 05/26/10 07:50 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	91-58-7	
2-Chlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	7005-72-3	
Chrysene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	53-70-3	
Dibenzofuran	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	120-83-2	
Diethylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	105-67-9	
Dimethylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	131-11-3	
Di-n-butylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	606-20-2	
Di-n-octylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	117-81-7	
Fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	206-44-0	
Fluorene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	87-68-3	
Hexachlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	77-47-4	
Hexachloroethane	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	193-39-5	
Isophorone	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	78-59-1	
2-Methylnaphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	739	1	06/04/10 16:41	06/07/10 14:05		
Naphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	91-20-3	
2-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	88-74-4	
3-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	99-09-2	
4-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	100-01-6	
Nitrobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	98-95-3	
2-Nitrophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	88-75-5	
4-Nitrophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	86-30-6	
Pentachlorophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	87-86-5	
Phenanthrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	85-01-8	
Phenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	108-95-2	
Pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]-3-B2 **Lab ID: 3028442003** Collected: 05/26/10 07:50 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 14:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 14:05	88-06-2	
Nitrobenzene-d5 (S)	107	%	35-114	1	06/04/10 16:41	06/07/10 14:05	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/04/10 16:41	06/07/10 14:05	321-60-8	
Terphenyl-d14 (S)	117	%	33-141	1	06/04/10 16:41	06/07/10 14:05	1718-51-0	
Phenol-d6 (S)	88	%	10-110	1	06/04/10 16:41	06/07/10 14:05	13127-88-3	
2-Fluorophenol (S)	95	%	21-110	1	06/04/10 16:41	06/07/10 14:05	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-123	1	06/04/10 16:41	06/07/10 14:05	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**62.5**	ug/kg	10.8	1		06/04/10 03:50	67-64-1	
Benzene	ND	ug/kg	5.4	1		06/04/10 03:50	71-43-2	
Bromodichloromethane	ND	ug/kg	5.4	1		06/04/10 03:50	75-27-4	
Bromoform	ND	ug/kg	5.4	1		06/04/10 03:50	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		06/04/10 03:50	74-83-9	
TOTAL BTEX	ND	ug/kg	32.3	1		06/04/10 03:50		
2-Butanone (MEK)	ND	ug/kg	10.8	1		06/04/10 03:50	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	135-98-8	
Carbon disulfide	ND	ug/kg	5.4	1		06/04/10 03:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		06/04/10 03:50	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		06/04/10 03:50	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	75-00-3	
Chloroform	ND	ug/kg	5.4	1		06/04/10 03:50	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		06/04/10 03:50	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		06/04/10 03:50	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		06/04/10 03:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		06/04/10 03:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		06/04/10 03:50	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.8	1		06/04/10 03:50	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.4	1		06/04/10 03:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/04/10 03:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/04/10 03:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		06/04/10 03:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/04/10 03:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/04/10 03:50	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	100-41-4	
2-Hexanone	ND	ug/kg	10.8	1		06/04/10 03:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		06/04/10 03:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		06/04/10 03:50	99-87-6	
Methylene Chloride	ND	ug/kg	5.4	1		06/04/10 03:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	1		06/04/10 03:50	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B2 **Lab ID: 3028442003** Collected: 05/26/10 07:50 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		06/04/10 03:50	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		06/04/10 03:50	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	103-65-1	
Styrene	ND	ug/kg	5.4	1		06/04/10 03:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		06/04/10 03:50	127-18-4	
Toluene	ND	ug/kg	5.4	1		06/04/10 03:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		06/04/10 03:50	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		06/04/10 03:50	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		06/04/10 03:50	108-67-8	
Vinyl chloride	ND	ug/kg	5.4	1		06/04/10 03:50	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	1		06/04/10 03:50	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	1		06/04/10 03:50	179601-23-1	
o-Xylene	ND	ug/kg	5.4	1		06/04/10 03:50	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/04/10 03:50	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/04/10 03:50	460-00-4	
1,2-Dichloroethane-d4 (S)	135	%	70-130	1		06/04/10 03:50	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.6**	%	0.10	1		06/10/10 12:14		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**14.8**	mg/kg	5.0	1		06/08/10 16:05	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]**3-B2(ASTM)** **Lab ID: 3028442004** Collected: 05/26/10 07:50 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:16	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B3 **Lab ID: 3028442005** Collected: 05/26/10 08:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13200**	mg/kg	6.0	1	05/30/10 16:09	06/10/10 10:19	7429-90-5	
Antimony	ND	mg/kg	0.30	1	05/30/10 16:09	06/10/10 13:17	7440-36-0	
Arsenic	**15.2**	mg/kg	0.30	1	05/30/10 16:09	06/10/10 10:19	7440-38-2	
Barium	**134**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 10:19	7440-39-3	
Beryllium	**0.69**	mg/kg	0.12	1	05/30/10 16:09	06/10/10 10:19	7440-41-7	
Boron	**7.9**	mg/kg	3.0	1	05/30/10 16:09	06/10/10 10:19	7440-42-8	
Cadmium	**0.55**	mg/kg	0.12	1	05/30/10 16:09	06/10/10 10:19	7440-43-9	
Calcium	**1450**	mg/kg	120	1	05/30/10 16:09	06/10/10 10:19	7440-70-2	
Chromium	**14.0**	mg/kg	0.30	1	05/30/10 16:09	06/10/10 10:19	7440-47-3	
Cobalt	**11.3**	mg/kg	0.60	1	05/30/10 16:09	06/10/10 10:19	7440-48-4	
Copper	**17.6**	mg/kg	0.60	1	05/30/10 16:09	06/10/10 10:19	7440-50-8	
Iron	**24800**	mg/kg	6.0	1	05/30/10 16:09	06/10/10 10:19	7439-89-6	
Lead	**20.2**	mg/kg	0.30	1	05/30/10 16:09	06/10/10 10:19	7439-92-1	
Magnesium	**3930**	mg/kg	29.9	1	05/30/10 16:09	06/10/10 10:19	7439-95-4	
Manganese	**702**	mg/kg	0.60	1	05/30/10 16:09	06/10/10 10:19	7439-96-5	
Molybdenum	ND	mg/kg	1.2	1	05/30/10 16:09	06/10/10 10:19	7439-98-7	
Nickel	**20.9**	mg/kg	1.2	1	05/30/10 16:09	06/10/10 10:19	7440-02-0	
Potassium	**2050**	mg/kg	29.9	1	05/30/10 16:09	06/10/10 10:19	7440-09-7	
Selenium	ND	mg/kg	0.30	1	05/30/10 16:09	06/10/10 10:19	7782-49-2	
Silver	**0.28**	mg/kg	0.12	1	05/30/10 16:09	06/10/10 13:17	7440-22-4	
Sodium	ND	mg/kg	299	1	05/30/10 16:09	06/10/10 10:19	7440-23-5	
Thallium	ND	mg/kg	1.2	1	05/30/10 16:09	06/10/10 13:17	7440-28-0	
Vanadium	**14.8**	mg/kg	0.60	1	05/30/10 16:09	06/10/10 10:19	7440-62-2	
Zinc	**70.4**	mg/kg	0.60	1	05/30/10 16:09	06/10/10 10:19	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:21	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	83-32-9	
Acenaphthylene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	208-96-8	
Anthracene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	207-08-9	
Benzyl alcohol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	59-50-7	
4-Chloroaniline	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B3 **Lab ID: 3028442005** Collected: 05/26/10 08:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	91-58-7	
2-Chlorophenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	7005-72-3	
Chrysene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	53-70-3	
Dibenzofuran	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	120-83-2	
Diethylphthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	105-67-9	
Dimethylphthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	117-81-7	
Fluoranthene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	206-44-0	
Fluorene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	77-47-4	
Hexachloroethane	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	193-39-5	
Isophorone	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	78-59-1	
2-Methylnaphthalene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	751	1	06/04/10 16:41	06/07/10 14:27		
Naphthalene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	91-20-3	
2-Nitroaniline	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	88-74-4	
3-Nitroaniline	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	99-09-2	
4-Nitroaniline	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	100-01-6	
Nitrobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	98-95-3	
2-Nitrophenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	88-75-5	
4-Nitrophenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	86-30-6	
Pentachlorophenol	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	87-86-5	
Phenanthrene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	85-01-8	
Phenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	108-95-2	
Pyrene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B3 **Lab ID: 3028442005** Collected: 05/26/10 08:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	939	1	06/04/10 16:41	06/07/10 14:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	376	1	06/04/10 16:41	06/07/10 14:27	88-06-2	
Nitrobenzene-d5 (S)	78	%	35-114	1	06/04/10 16:41	06/07/10 14:27	4165-60-0	
2-Fluorobiphenyl (S)	70	%	43-116	1	06/04/10 16:41	06/07/10 14:27	321-60-8	
Terphenyl-d14 (S)	117	%	33-141	1	06/04/10 16:41	06/07/10 14:27	1718-51-0	
Phenol-d6 (S)	70	%	10-110	1	06/04/10 16:41	06/07/10 14:27	13127-88-3	
2-Fluorophenol (S)	69	%	21-110	1	06/04/10 16:41	06/07/10 14:27	367-12-4	
2,4,6-Tribromophenol (S)	60	%	10-123	1	06/04/10 16:41	06/07/10 14:27	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**57.4**	ug/kg	8.7	1		06/04/10 04:13	67-64-1	
Benzene	ND	ug/kg	4.3	1		06/04/10 04:13	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		06/04/10 04:13	75-27-4	
Bromoform	ND	ug/kg	4.3	1		06/04/10 04:13	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		06/04/10 04:13	74-83-9	
TOTAL BTEX	ND	ug/kg	26.0	1		06/04/10 04:13		
2-Butanone (MEK)	ND	ug/kg	8.7	1		06/04/10 04:13	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	135-98-8	
Carbon disulfide	ND	ug/kg	4.3	1		06/04/10 04:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		06/04/10 04:13	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		06/04/10 04:13	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	75-00-3	
Chloroform	ND	ug/kg	4.3	1		06/04/10 04:13	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		06/04/10 04:13	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	1		06/04/10 04:13	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		06/04/10 04:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		06/04/10 04:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		06/04/10 04:13	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.7	1		06/04/10 04:13	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1		06/04/10 04:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/04/10 04:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/04/10 04:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		06/04/10 04:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/04/10 04:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/04/10 04:13	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	100-41-4	
2-Hexanone	ND	ug/kg	8.7	1		06/04/10 04:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		06/04/10 04:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		06/04/10 04:13	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1		06/04/10 04:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.7	1		06/04/10 04:13	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B3 **Lab ID: 3028442005** Collected: 05/26/10 08:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		06/04/10 04:13	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		06/04/10 04:13	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	103-65-1	
Styrene	ND	ug/kg	4.3	1		06/04/10 04:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		06/04/10 04:13	127-18-4	
Toluene	ND	ug/kg	4.3	1		06/04/10 04:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		06/04/10 04:13	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		06/04/10 04:13	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		06/04/10 04:13	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1		06/04/10 04:13	75-01-4	
Xylene (Total)	ND	ug/kg	13.0	1		06/04/10 04:13	1330-20-7	
m&p-Xylene	ND	ug/kg	8.7	1		06/04/10 04:13	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		06/04/10 04:13	95-47-6	
Toluene-d8 (S)	97	%	70-130	1		06/04/10 04:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/04/10 04:13	460-00-4	
1,2-Dichloroethane-d4 (S)	133	%	70-130	1		06/04/10 04:13	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.0**	%	0.10	1		06/10/10 12:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.8**	mg/kg	5.7	1		06/08/10 16:06	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B3(ASTM) **Lab ID: 3028442006** Collected: 05/26/10 08:10 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:17	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample [redacted]-3-B4 **Lab ID: 3028442007** Collected: 05/26/10 08:20 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13500**	mg/kg	9.1	1	05/30/10 16:09	06/10/10 10:22	7429-90-5	
Antimony	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 13:22	7440-36-0	
Arsenic	**35.6**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:22	7440-38-2	
Barium	**171**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:22	7440-39-3	
Beryllium	**0.60**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:22	7440-41-7	
Boron	**8.2**	mg/kg	4.6	1	05/30/10 16:09	06/10/10 10:22	7440-42-8	
Cadmium	**0.48**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:22	7440-43-9	
Calcium	**1030**	mg/kg	183	1	05/30/10 16:09	06/10/10 10:22	7440-70-2	
Chromium	**15.1**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:22	7440-47-3	
Cobalt	**19.4**	mg/kg	0.91	1	05/30/10 16:09	06/10/10 10:22	7440-48-4	
Copper	**11.6**	mg/kg	0.91	1	05/30/10 16:09	06/10/10 10:22	7440-50-8	
Iron	**27700**	mg/kg	9.1	1	05/30/10 16:09	06/10/10 10:22	7439-89-6	
Lead	**12.0**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:22	7439-92-1	
Magnesium	**4230**	mg/kg	45.6	1	05/30/10 16:09	06/10/10 10:22	7439-95-4	
Manganese	**1390**	mg/kg	0.91	1	05/30/10 16:09	06/10/10 10:22	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:22	7439-98-7	
Nickel	**25.8**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:22	7440-02-0	
Potassium	**1610**	mg/kg	45.6	1	05/30/10 16:09	06/10/10 10:22	7440-09-7	
Selenium	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:22	7782-49-2	
Silver	**0.37**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 13:22	7440-22-4	
Sodium	ND	mg/kg	456	1	05/30/10 16:09	06/10/10 10:22	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 13:22	7440-28-0	
Vanadium	**14.2**	mg/kg	0.91	1	05/30/10 16:09	06/10/10 10:22	7440-62-2	
Zinc	**63.3**	mg/kg	0.91	1	05/30/10 16:09	06/10/10 10:22	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.099	1	06/02/10 15:10	06/04/10 09:23	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	83-32-9	
Acenaphthylene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	208-96-8	
Anthracene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	207-08-9	
Benzyl alcohol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	59-50-7	
4-Chloroaniline	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B4 **Lab ID: 3028442007** Collected: 05/26/10 08:20 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	91-58-7	
2-Chlorophenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	7005-72-3	
Chrysene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	53-70-3	
Dibenzofuran	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	120-83-2	
Diethylphthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	105-67-9	
Dimethylphthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	117-81-7	
Fluoranthene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	206-44-0	
Fluorene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	77-47-4	
Hexachloroethane	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	193-39-5	
Isophorone	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	78-59-1	
2-Methylnaphthalene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	675	1	06/04/10 16:41	06/07/10 14:49		
Naphthalene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	91-20-3	
2-Nitroaniline	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	88-74-4	
3-Nitroaniline	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	99-09-2	
4-Nitroaniline	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	100-01-6	
Nitrobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	98-95-3	
2-Nitrophenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	88-75-5	
4-Nitrophenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	86-30-6	
Pentachlorophenol	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	87-86-5	
Phenanthrene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	85-01-8	
Phenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	108-95-2	
Pyrene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B4 **Lab ID: 3028442007** Collected: 05/26/10 08:20 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	844	1	06/04/10 16:41	06/07/10 14:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	337	1	06/04/10 16:41	06/07/10 14:49	88-06-2	
Nitrobenzene-d5 (S)	105	%	35-114	1	06/04/10 16:41	06/07/10 14:49	4165-60-0	
2-Fluorobiphenyl (S)	95	%	43-116	1	06/04/10 16:41	06/07/10 14:49	321-60-8	
Terphenyl-d14 (S)	132	%	33-141	1	06/04/10 16:41	06/07/10 14:49	1718-51-0	
Phenol-d6 (S)	92	%	10-110	1	06/04/10 16:41	06/07/10 14:49	13127-88-3	
2-Fluorophenol (S)	91	%	21-110	1	06/04/10 16:41	06/07/10 14:49	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/04/10 16:41	06/07/10 14:49	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**217**	ug/kg	10.3	1		06/04/10 04:36	67-64-1	
Benzene	ND	ug/kg	5.2	1		06/04/10 04:36	71-43-2	
Bromodichloromethane	ND	ug/kg	5.2	1		06/04/10 04:36	75-27-4	
Bromoform	ND	ug/kg	5.2	1		06/04/10 04:36	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		06/04/10 04:36	74-83-9	
TOTAL BTEX	ND	ug/kg	31.0	1		06/04/10 04:36		
2-Butanone (MEK)	**23.2**	ug/kg	10.3	1		06/04/10 04:36	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	135-98-8	
Carbon disulfide	**12.8**	ug/kg	5.2	1		06/04/10 04:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		06/04/10 04:36	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		06/04/10 04:36	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	75-00-3	
Chloroform	ND	ug/kg	5.2	1		06/04/10 04:36	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		06/04/10 04:36	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	1		06/04/10 04:36	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		06/04/10 04:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		06/04/10 04:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		06/04/10 04:36	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.3	1		06/04/10 04:36	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.2	1		06/04/10 04:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/04/10 04:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/04/10 04:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		06/04/10 04:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/04/10 04:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/04/10 04:36	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	100-41-4	
2-Hexanone	ND	ug/kg	10.3	1		06/04/10 04:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		06/04/10 04:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		06/04/10 04:36	99-87-6	
Methylene Chloride	ND	ug/kg	5.2	1		06/04/10 04:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	1		06/04/10 04:36	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B4 **Lab ID: 3028442007** Collected: 05/26/10 08:20 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		06/04/10 04:36	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		06/04/10 04:36	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	103-65-1	
Styrene	ND	ug/kg	5.2	1		06/04/10 04:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		06/04/10 04:36	127-18-4	
Toluene	ND	ug/kg	5.2	1		06/04/10 04:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		06/04/10 04:36	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		06/04/10 04:36	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		06/04/10 04:36	108-67-8	
Vinyl chloride	ND	ug/kg	5.2	1		06/04/10 04:36	75-01-4	
Xylene (Total)	ND	ug/kg	15.5	1		06/04/10 04:36	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1		06/04/10 04:36	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		06/04/10 04:36	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/04/10 04:36	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	1		06/04/10 04:36	460-00-4	
1,2-Dichloroethane-d4 (S)	132	%	70-130	1		06/04/10 04:36	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.9**	%	0.10	1		06/10/10 12:16		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**7.4**	mg/kg	4.9	1		06/08/10 16:09	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]**3-B4(ASTM)** **Lab ID: 3028442008** Collected: 05/26/10 08:20 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:18	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B22 **Lab ID: 3028442009** Collected: 05/26/10 08:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14300**	mg/kg	9.0	1	05/30/10 16:09	06/10/10 10:25	7429-90-5	
Antimony	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 13:27	7440-36-0	
Arsenic	**16.5**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:25	7440-38-2	
Barium	**148**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:25	7440-39-3	
Beryllium	**0.79**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:25	7440-41-7	
Boron	**9.1**	mg/kg	4.5	1	05/30/10 16:09	06/10/10 10:25	7440-42-8	
Cadmium	**0.48**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 10:25	7440-43-9	
Calcium	**1610**	mg/kg	180	1	05/30/10 16:09	06/10/10 10:25	7440-70-2	
Chromium	**15.3**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:25	7440-47-3	
Cobalt	**12.1**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:25	7440-48-4	
Copper	**18.1**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:25	7440-50-8	
Iron	**27800**	mg/kg	9.0	1	05/30/10 16:09	06/10/10 10:25	7439-89-6	
Lead	**17.9**	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:25	7439-92-1	
Magnesium	**4440**	mg/kg	45.1	1	05/30/10 16:09	06/10/10 10:25	7439-95-4	
Manganese	**778**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:25	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:25	7439-98-7	
Nickel	**23.1**	mg/kg	1.8	1	05/30/10 16:09	06/10/10 10:25	7440-02-0	
Potassium	**2270**	mg/kg	45.1	1	05/30/10 16:09	06/10/10 10:25	7440-09-7	
Selenium	ND	mg/kg	0.45	1	05/30/10 16:09	06/10/10 10:25	7782-49-2	
Silver	**0.29**	mg/kg	0.18	1	05/30/10 16:09	06/10/10 13:27	7440-22-4	
Sodium	ND	mg/kg	451	1	05/30/10 16:09	06/10/10 10:25	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:09	06/10/10 13:27	7440-28-0	
Vanadium	**16.6**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:25	7440-62-2	
Zinc	**72.1**	mg/kg	0.90	1	05/30/10 16:09	06/10/10 10:25	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.12	1	06/02/10 15:10	06/04/10 09:25	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	208-96-8	
Anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	207-08-9	
Benzyl alcohol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	59-50-7	
4-Chloroaniline	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	108-60-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B22 **Lab ID: 3028442009** Collected: 05/26/10 08:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	91-58-7	
2-Chlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	7005-72-3	
Chrysene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	120-83-2	
Diethylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	105-67-9	
Dimethylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	117-81-7	
Fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	206-44-0	
Fluorene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	193-39-5	
Isophorone	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	78-59-1	
2-Methylnaphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	762	1	06/04/10 16:41	06/07/10 15:11		
Naphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	91-20-3	
2-Nitroaniline	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	88-74-4	
3-Nitroaniline	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	99-09-2	
4-Nitroaniline	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	100-01-6	
Nitrobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	98-95-3	
2-Nitrophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	88-75-5	
4-Nitrophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	86-30-6	
Pentachlorophenol	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	87-86-5	
Phenanthrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	85-01-8	
Phenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	108-95-2	
Pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B22 **Lab ID: 3028442009** Collected: 05/26/10 08:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	954	1	06/04/10 16:41	06/07/10 15:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 15:11	88-06-2	
Nitrobenzene-d5 (S)	78	%	35-114	1	06/04/10 16:41	06/07/10 15:11	4165-60-0	
2-Fluorobiphenyl (S)	70	%	43-116	1	06/04/10 16:41	06/07/10 15:11	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/04/10 16:41	06/07/10 15:11	1718-51-0	
Phenol-d6 (S)	67	%	10-110	1	06/04/10 16:41	06/07/10 15:11	13127-88-3	
2-Fluorophenol (S)	72	%	21-110	1	06/04/10 16:41	06/07/10 15:11	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/04/10 16:41	06/07/10 15:11	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**62.0**	ug/kg	13.4	1		06/04/10 04:59	67-64-1	
Benzene	ND	ug/kg	6.7	1		06/04/10 04:59	71-43-2	
Bromodichloromethane	ND	ug/kg	6.7	1		06/04/10 04:59	75-27-4	
Bromoform	ND	ug/kg	6.7	1		06/04/10 04:59	75-25-2	
Bromomethane	ND	ug/kg	6.7	1		06/04/10 04:59	74-83-9	
TOTAL BTEX	ND	ug/kg	40.3	1		06/04/10 04:59		
2-Butanone (MEK)	ND	ug/kg	13.4	1		06/04/10 04:59	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	135-98-8	
Carbon disulfide	ND	ug/kg	6.7	1		06/04/10 04:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.7	1		06/04/10 04:59	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	1		06/04/10 04:59	108-90-7	
Chloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	75-00-3	
Chloroform	ND	ug/kg	6.7	1		06/04/10 04:59	67-66-3	
Chloromethane	ND	ug/kg	6.7	1		06/04/10 04:59	74-87-3	
Dibromochloromethane	ND	ug/kg	6.7	1		06/04/10 04:59	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.7	1		06/04/10 04:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.7	1		06/04/10 04:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	1		06/04/10 04:59	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.4	1		06/04/10 04:59	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.7	1		06/04/10 04:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/04/10 04:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/04/10 04:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	1		06/04/10 04:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/04/10 04:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/04/10 04:59	10061-02-6	
Ethylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	100-41-4	
2-Hexanone	ND	ug/kg	13.4	1		06/04/10 04:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	1		06/04/10 04:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.7	1		06/04/10 04:59	99-87-6	
Methylene Chloride	ND	ug/kg	6.7	1		06/04/10 04:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	1		06/04/10 04:59	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B22 **Lab ID: 3028442009** Collected: 05/26/10 08:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.7	1		06/04/10 04:59	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1		06/04/10 04:59	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	103-65-1	
Styrene	ND	ug/kg	6.7	1		06/04/10 04:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	1		06/04/10 04:59	127-18-4	
Toluene	ND	ug/kg	6.7	1		06/04/10 04:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	1		06/04/10 04:59	79-00-5	
Trichloroethene	ND	ug/kg	6.7	1		06/04/10 04:59	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	1		06/04/10 04:59	108-67-8	
Vinyl chloride	ND	ug/kg	6.7	1		06/04/10 04:59	75-01-4	
Xylene (Total)	ND	ug/kg	20.1	1		06/04/10 04:59	1330-20-7	
m&p-Xylene	ND	ug/kg	13.4	1		06/04/10 04:59	179601-23-1	
o-Xylene	ND	ug/kg	6.7	1		06/04/10 04:59	95-47-6	
Toluene-d8 (S)	97	%	70-130	1		06/04/10 04:59	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/04/10 04:59	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%	70-130	1		06/04/10 04:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.4**	%	0.10	1		06/10/10 12:17		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.9**	mg/kg	5.6	1		06/08/10 16:10	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B22(ASTM) **Lab ID: 3028442010** Collected: 05/26/10 08:00 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:18	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B5 **Lab ID:** 3028442011 Collected: 05/26/10 08:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13600**	mg/kg	10.2	1	05/30/10 16:09	06/10/10 10:27	7429-90-5	
Antimony	ND	mg/kg	0.51	1	05/30/10 16:09	06/10/10 13:31	7440-36-0	
Arsenic	**27.2**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 10:27	7440-38-2	
Barium	**214**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:27	7440-39-3	
Beryllium	**0.81**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:27	7440-41-7	
Boron	**10.2**	mg/kg	5.1	1	05/30/10 16:09	06/10/10 10:27	7440-42-8	
Cadmium	**0.60**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:27	7440-43-9	
Calcium	**2030**	mg/kg	205	1	05/30/10 16:09	06/10/10 10:27	7440-70-2	
Chromium	**15.4**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 10:27	7440-47-3	
Cobalt	**15.9**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 10:27	7440-48-4	
Copper	**20.5**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 10:27	7440-50-8	
Iron	**30700**	mg/kg	10.2	1	05/30/10 16:09	06/10/10 10:27	7439-89-6	
Lead	**14.3**	mg/kg	0.51	1	05/30/10 16:09	06/10/10 10:27	7439-92-1	
Magnesium	**4560**	mg/kg	51.2	1	05/30/10 16:09	06/10/10 10:27	7439-95-4	
Manganese	**3160**	mg/kg	10.2	10	05/30/10 16:09	06/10/10 16:31	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:27	7439-98-7	
Nickel	**25.9**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:27	7440-02-0	
Potassium	**2240**	mg/kg	51.2	1	05/30/10 16:09	06/10/10 10:27	7440-09-7	
Selenium	ND	mg/kg	0.51	1	05/30/10 16:09	06/10/10 10:27	7782-49-2	
Silver	**0.30**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 13:31	7440-22-4	
Sodium	ND	mg/kg	512	1	05/30/10 16:09	06/10/10 10:27	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 13:31	7440-28-0	
Vanadium	**15.8**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 10:27	7440-62-2	
Zinc	**70.1**	mg/kg	1.0	1	05/30/10 16:09	06/10/10 10:27	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:26	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	83-32-9	
Acenaphthylene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	208-96-8	
Anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	120-12-7	
Benzo(a)anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	207-08-9	
Benzyl alcohol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	101-55-3	
Butylbenzylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	59-50-7	
4-Chloroaniline	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B5 **Lab ID: 3028442011** Collected: 05/26/10 08:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	91-58-7	
2-Chlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	7005-72-3	
Chrysene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	53-70-3	
Dibenzofuran	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	120-83-2	
Diethylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	105-67-9	
Dimethylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	131-11-3	
Di-n-butylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	606-20-2	
Di-n-octylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	117-81-7	
Fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	206-44-0	
Fluorene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	87-68-3	
Hexachlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	77-47-4	
Hexachloroethane	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	193-39-5	
Isophorone	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	78-59-1	
2-Methylnaphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	733	1	06/04/10 16:41	06/07/10 15:33		
Naphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	91-20-3	
2-Nitroaniline	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	88-74-4	
3-Nitroaniline	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	99-09-2	
4-Nitroaniline	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	100-01-6	
Nitrobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	98-95-3	
2-Nitrophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	88-75-5	
4-Nitrophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	86-30-6	
Pentachlorophenol	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	87-86-5	
Phenanthrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	85-01-8	
Phenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	108-95-2	
Pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B5 **Lab ID: 3028442011** Collected: 05/26/10 08:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	917	1	06/04/10 16:41	06/07/10 15:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 15:33	88-06-2	
Nitrobenzene-d5 (S)	100	%	35-114	1	06/04/10 16:41	06/07/10 15:33	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/04/10 16:41	06/07/10 15:33	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/04/10 16:41	06/07/10 15:33	1718-51-0	
Phenol-d6 (S)	69	%	10-110	1	06/04/10 16:41	06/07/10 15:33	13127-88-3	
2-Fluorophenol (S)	81	%	21-110	1	06/04/10 16:41	06/07/10 15:33	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-123	1	06/04/10 16:41	06/07/10 15:33	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	11.4	1		06/04/10 05:22	67-64-1	
Benzene	ND	ug/kg	5.7	1		06/04/10 05:22	71-43-2	
Bromodichloromethane	ND	ug/kg	5.7	1		06/04/10 05:22	75-27-4	
Bromoform	ND	ug/kg	5.7	1		06/04/10 05:22	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		06/04/10 05:22	74-83-9	
TOTAL BTEX	ND	ug/kg	34.3	1		06/04/10 05:22		
2-Butanone (MEK)	ND	ug/kg	11.4	1		06/04/10 05:22	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	135-98-8	
Carbon disulfide	ND	ug/kg	5.7	1		06/04/10 05:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		06/04/10 05:22	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		06/04/10 05:22	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	75-00-3	
Chloroform	ND	ug/kg	5.7	1		06/04/10 05:22	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		06/04/10 05:22	74-87-3	
Dibromochloromethane	ND	ug/kg	5.7	1		06/04/10 05:22	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		06/04/10 05:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		06/04/10 05:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		06/04/10 05:22	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.4	1		06/04/10 05:22	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.7	1		06/04/10 05:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		06/04/10 05:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		06/04/10 05:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		06/04/10 05:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		06/04/10 05:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		06/04/10 05:22	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	100-41-4	
2-Hexanone	ND	ug/kg	11.4	1		06/04/10 05:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		06/04/10 05:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		06/04/10 05:22	99-87-6	
Methylene Chloride	ND	ug/kg	5.7	1		06/04/10 05:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.4	1		06/04/10 05:22	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B5 **Lab ID: 3028442011** Collected: 05/26/10 08:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		06/04/10 05:22	1634-04-4	
Naphthalene	ND	ug/kg	5.7	1		06/04/10 05:22	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	103-65-1	
Styrene	ND	ug/kg	5.7	1		06/04/10 05:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		06/04/10 05:22	127-18-4	
Toluene	ND	ug/kg	5.7	1		06/04/10 05:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		06/04/10 05:22	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		06/04/10 05:22	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		06/04/10 05:22	108-67-8	
Vinyl chloride	ND	ug/kg	5.7	1		06/04/10 05:22	75-01-4	
Xylene (Total)	ND	ug/kg	17.2	1		06/04/10 05:22	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	1		06/04/10 05:22	179601-23-1	
o-Xylene	ND	ug/kg	5.7	1		06/04/10 05:22	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/04/10 05:22	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/04/10 05:22	460-00-4	
1,2-Dichloroethane-d4 (S)	137	%	70-130	1		06/04/10 05:22	17060-07-0	S0
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		06/10/10 12:19		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.5	1		06/08/10 16:11	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: [redacted]3-B5(ASTM) **Lab ID: 3028442012** Collected: 05/26/10 08:45 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:19	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: TRIP BLANK **Lab ID: 3028442013** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/01/10 22:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/01/10 22:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/01/10 22:23	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/01/10 22:23	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:23	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:23	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/01/10 22:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:23	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/01/10 22:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/01/10 22:23	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/01/10 22:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:23	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/01/10 22:23	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/01/10 22:23	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/01/10 22:23	108-10-1	
Acetone	ND	ug/L	10.0	1		06/01/10 22:23	67-64-1	
Benzene	ND	ug/L	1.0	1		06/01/10 22:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/01/10 22:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/01/10 22:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/01/10 22:23	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/01/10 22:23	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/01/10 22:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/01/10 22:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/01/10 22:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/01/10 22:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/01/10 22:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/01/10 22:23	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/01/10 22:23	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/01/10 22:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/01/10 22:23	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/01/10 22:23	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/01/10 22:23	91-20-3	
Styrene	ND	ug/L	1.0	1		06/01/10 22:23	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/01/10 22:23	127-18-4	
Toluene	ND	ug/L	1.0	1		06/01/10 22:23	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/01/10 22:23	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/01/10 22:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/01/10 22:23	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 22:23	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/01/10 22:23	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	103-65-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028442

Sample: TRIP BLANK **Lab ID: 3028442013** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		06/01/10 22:23	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/01/10 22:23	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/01/10 22:23	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 22:23	10061-02-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/01/10 22:23	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		06/01/10 22:23	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/01/10 22:23	2037-26-5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: MPRP/3951 | Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

METHOD BLANK: 176684 | Matrix: Solid
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/10/10 08:49	
Antimony	mg/kg	ND	0.50	06/10/10 11:54	
Arsenic	mg/kg	ND	0.50	06/10/10 08:49	
Barium	mg/kg	ND	2.0	06/10/10 08:49	
Beryllium	mg/kg	ND	0.20	06/10/10 08:49	
Boron	mg/kg	ND	5.0	06/10/10 08:49	
Cadmium	mg/kg	ND	0.20	06/10/10 08:49	
Calcium	mg/kg	ND	200	06/10/10 08:49	
Chromium	mg/kg	ND	0.50	06/10/10 08:49	
Cobalt	mg/kg	ND	1.0	06/10/10 08:49	
Copper	mg/kg	ND	1.0	06/10/10 08:49	
Iron	mg/kg	ND	10.0	06/10/10 08:49	
Lead	mg/kg	ND	0.50	06/10/10 08:49	
Magnesium	mg/kg	ND	50.0	06/10/10 08:49	
Manganese	mg/kg	ND	1.0	06/10/10 08:49	
Molybdenum	mg/kg	ND	2.0	06/10/10 08:49	
Nickel	mg/kg	ND	2.0	06/10/10 08:49	
Potassium	mg/kg	ND	50.0	06/10/10 08:49	
Selenium	mg/kg	ND	0.50	06/10/10 08:49	
Silver	mg/kg	ND	0.20	06/10/10 11:54	
Sodium	mg/kg	ND	500	06/10/10 08:49	
Thallium	mg/kg	ND	2.0	06/10/10 11:54	
Vanadium	mg/kg	ND	1.0	06/10/10 08:49	
Zinc	mg/kg	ND	1.0	06/10/10 08:49	

LABORATORY CONTROL SAMPLE: 176685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	482	96	80-120	
Antimony	mg/kg	50	47.3	95	80-120	
Arsenic	mg/kg	50	47.9	96	80-120	
Barium	mg/kg	50	49.2	98	80-120	
Beryllium	mg/kg	50	50.0	100	80-120	
Boron	mg/kg	50	46.3	93	80-120	
Cadmium	mg/kg	50	50.0	100	80-120	
Calcium	mg/kg	500	501	100	80-120	
Chromium	mg/kg	50	50.5	101	80-120	
Cobalt	mg/kg	50	49.0	98	80-120	
Copper	mg/kg	50	50.0	100	80-120	
Iron	mg/kg	500	509	102	80-120	
Lead	mg/kg	50	49.1	98	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 176685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	mg/kg	500	490	98	80-120	
Manganese	mg/kg	50	49.7	99	80-120	
Molybdenum	mg/kg	50	50.9	102	80-120	
Nickel	mg/kg	50	49.9	100	80-120	
Potassium	mg/kg	500	453	91	80-120	
Selenium	mg/kg	50	42.8	86	80-120	
Silver	mg/kg	25	24.6	98	80-120	
Sodium	mg/kg	500	489J	98	80-120	
Thallium	mg/kg	50	46.3	93	80-120	
Vanadium	mg/kg	50	49.5	99	80-120	
Zinc	mg/kg	50	48.9	98	80-120	

MATRIX SPIKE SAMPLE: 176687

Parameter	Units	3028366025 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	14100	482	17200	635	80-120	M1
Antimony	mg/kg	ND	48.2	15.4	32	80-120	M1
Arsenic	mg/kg	17.9	48.2	59.7	87	80-120	
Barium	mg/kg	108	48.2	148	84	80-120	
Beryllium	mg/kg	0.59	48.2	48.0	99	80-120	
Boron	mg/kg	8.0	48.2	49.5	86	80-120	
Cadmium	mg/kg	0.71	48.2	46.4	95	80-120	
Calcium	mg/kg	623	482	909	59	80-120	M1
Chromium	mg/kg	13.7	48.2	63.1	102	80-120	
Cobalt	mg/kg	11.6	48.2	57.7	96	80-120	
Copper	mg/kg	14.4	48.2	61.0	97	80-120	
Iron	mg/kg	24000	482	26000	413	80-120	M1
Lead	mg/kg	33.8	48.2	73.2	82	80-120	
Magnesium	mg/kg	3350	482	4300	199	80-120	M1
Manganese	mg/kg	1020	48.2	964	-113	80-120	M1
Molybdenum	mg/kg	ND	48.2	47.0	97	80-120	
Nickel	mg/kg	18.5	48.2	66.2	99	80-120	
Potassium	mg/kg	1190	482	2050	179	80-120	M1
Selenium	mg/kg	ND	48.2	40.9	84	80-120	
Silver	mg/kg	0.36	24	22.9	94	80-120	
Sodium	mg/kg	ND	482	559	100	80-120	
Thallium	mg/kg	ND	48.2	43.2	90	80-120	
Vanadium	mg/kg	18.2	48.2	67.7	103	80-120	
Zinc	mg/kg	85.0	48.2	131	95	80-120	

SAMPLE DUPLICATE: 176686

Parameter	Units	3028366025 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	14100	14100	.2	
Antimony	mg/kg	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

SAMPLE DUPLICATE: 176686

Parameter	Units	3028366025 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/kg	17.9	16.5	8	
Barium	mg/kg	108	98.7	9	
Beryllium	mg/kg	0.59	0.57	4	
Boron	mg/kg	8.0	7.9	1	
Cadmium	mg/kg	0.71	0.58	20	
Calcium	mg/kg	623	494	23	D6
Chromium	mg/kg	13.7	13.9	1	
Cobalt	mg/kg	11.6	11.2	3	
Copper	mg/kg	14.4	14.2	1	
Iron	mg/kg	24000	23800	.9	
Lead	mg/kg	33.8	35.7	6	
Magnesium	mg/kg	3350	3520	5	
Manganese	mg/kg	1020	943	8	
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	18.5	18.8	2	
Potassium	mg/kg	1190	1190	.3	
Selenium	mg/kg	ND	0.59		
Silver	mg/kg	0.36	0.33	8	
Sodium	mg/kg	ND	73.1J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	18.2	17.7	3	
Zinc	mg/kg	85.0	83.4	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: MERP/1969 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

METHOD BLANK: 177434 Matrix: Solid
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/04/10 09:12	

LABORATORY CONTROL SAMPLE: 177435

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.042J	102	85-115	

MATRIX SPIKE SAMPLE: 177437

Parameter	Units	3028442001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.12	103	75-125	

SAMPLE DUPLICATE: 177436

Parameter	Units	3028442001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.0089J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: OEXT/5097 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

METHOD BLANK: 178532 Matrix: Solid
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,2-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,3-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,4-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/07/10 12:58	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dichlorophenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dimethylphenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dinitrophenol	ug/kg	ND	833	06/07/10 12:58	
2,4-Dinitrotoluene	ug/kg	ND	333	06/07/10 12:58	
2,6-Dinitrotoluene	ug/kg	ND	333	06/07/10 12:58	
2-Chloronaphthalene	ug/kg	ND	333	06/07/10 12:58	
2-Chlorophenol	ug/kg	ND	333	06/07/10 12:58	
2-Methylnaphthalene	ug/kg	ND	333	06/07/10 12:58	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/07/10 12:58	
2-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
2-Nitrophenol	ug/kg	ND	333	06/07/10 12:58	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/07/10 12:58	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/07/10 12:58	
3-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/07/10 12:58	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/07/10 12:58	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/07/10 12:58	
4-Chloroaniline	ug/kg	ND	333	06/07/10 12:58	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/07/10 12:58	
4-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
4-Nitrophenol	ug/kg	ND	333	06/07/10 12:58	
Acenaphthene	ug/kg	ND	333	06/07/10 12:58	
Acenaphthylene	ug/kg	ND	333	06/07/10 12:58	
Anthracene	ug/kg	ND	333	06/07/10 12:58	
Benzo(a)anthracene	ug/kg	ND	333	06/07/10 12:58	
Benzo(a)pyrene	ug/kg	ND	333	06/07/10 12:58	
Benzo(b)fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/07/10 12:58	
Benzo(k)fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Benzyl alcohol	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/07/10 12:58	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/07/10 12:58	
Butylbenzylphthalate	ug/kg	ND	333	06/07/10 12:58	
Chrysene	ug/kg	ND	333	06/07/10 12:58	
Di-n-butylphthalate	ug/kg	ND	333	06/07/10 12:58	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

METHOD BLANK: 178532 Matrix: Solid

Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Di-n-octylphthalate	ug/kg	ND	333	06/07/10 12:58	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/07/10 12:58	
Dibenzofuran	ug/kg	ND	333	06/07/10 12:58	
Diethylphthalate	ug/kg	ND	333	06/07/10 12:58	
Dimethylphthalate	ug/kg	ND	333	06/07/10 12:58	
Fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Fluorene	ug/kg	ND	333	06/07/10 12:58	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/07/10 12:58	
Hexachlorobenzene	ug/kg	ND	333	06/07/10 12:58	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/07/10 12:58	
Hexachloroethane	ug/kg	ND	333	06/07/10 12:58	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/07/10 12:58	
Isophorone	ug/kg	ND	333	06/07/10 12:58	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/07/10 12:58	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/07/10 12:58	
Naphthalene	ug/kg	ND	333	06/07/10 12:58	
Nitrobenzene	ug/kg	ND	333	06/07/10 12:58	
Pentachlorophenol	ug/kg	ND	833	06/07/10 12:58	
Phenanthrene	ug/kg	ND	333	06/07/10 12:58	
Phenol	ug/kg	ND	333	06/07/10 12:58	
Pyrene	ug/kg	ND	333	06/07/10 12:58	
2,4,6-Tribromophenol (S)	%	68	10-123	06/07/10 12:58	
2-Fluorobiphenyl (S)	%	79	43-116	06/07/10 12:58	
2-Fluorophenol (S)	%	80	21-110	06/07/10 12:58	
Nitrobenzene-d5 (S)	%	93	35-114	06/07/10 12:58	
Phenol-d6 (S)	%	78	10-110	06/07/10 12:58	
Terphenyl-d14 (S)	%	112	33-141	06/07/10 12:58	

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2600	78	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2480	74	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2840	85	34-115	
2,6-Dinitrotoluene	ug/kg		ND			
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2810	84	40-140	
2-Methylnaphthalene	ug/kg	3330	2390	72	40-140	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	3300	99	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	3380	101	27-125	
Acenaphthene	ug/kg	3330	2950	89	48-114	
Acenaphthylene	ug/kg	3330	3200	96	40-140	
Anthracene	ug/kg	3330	3200	96	40-140	
Benzo(a)anthracene	ug/kg	3330	3140	94	40-140	
Benzo(a)pyrene	ug/kg	3330	3190	96	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3260	98	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2640	79	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3490	105	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3070	92	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2760	83	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2890	87	40-140	
Fluorene	ug/kg	3330	2850	85	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2520	75	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3820	115	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2680	81	40-140	
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1700	51	14-127	
Phenanthrene	ug/kg	3330	3160	95	40-140	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	3330	2970	89	39-120	
Pyrene	ug/kg	3330	3470	104	43-135	
2,4,6-Tribromophenol (S)	%			78	10-123	
2-Fluorobiphenyl (S)	%			88	43-116	
2-Fluorophenol (S)	%			85	21-110	
Nitrobenzene-d5 (S)	%			98	35-114	
Phenol-d6 (S)	%			89	10-110	
Terphenyl-d14 (S)	%			112	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178534 178535

Parameter	Units	3028443005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3620	3660	2740	3030	76	83	43-120	10	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3620	3660	2790	3270	77	89	37-118	16	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3620	3660	2950	3040	81	83	34-115	3	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3620	3660	3040	3470	84	95	40-140	13	
2-Methylnaphthalene	ug/kg	ND	3620	3660	2760	2950	76	81	40-140	7	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3620	3660	2850	3370	79	92	42-130	17	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3620	3660	3530	3610	97	99	27-125	2	
Acenaphthene	ug/kg	ND	3620	3660	3270	3440	90	94	48-114	5	
Acenaphthylene	ug/kg	ND	3620	3660	3280	3540	91	97	40-140	8	
Anthracene	ug/kg	ND	3620	3660	3470	3450	96	94	40-140	.5	
Benzo(a)anthracene	ug/kg	ND	3620	3660	3290	3380	91	92	40-140	3	
Benzo(a)pyrene	ug/kg	ND	3620	3660	3550	3510	98	96	40-140	1	
Benzo(b)fluoranthene	ug/kg	ND	3620	3660	3490	3820	96	104	40-140	9	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178534 178535

Parameter	Units	3028443005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(g,h,i)perylene	ug/kg	ND	3620	3660	2580	2770	71	76	40-140	7	
Benzo(k)fluoranthene	ug/kg	ND	3620	3660	4020	4000	111	109	40-140	.3	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3620	3660	3360	3390	93	93	40-140	1	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3620	3660	2600	2760	72	75	40-140	6	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3620	3660	3090	3110	85	85	40-140	.7	
Fluorene	ug/kg	ND	3620	3660	3090	3330	85	91	40-140	7	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3620	3660	2250	2400	62	66	40-140	6	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3620	3660	4130	4530	114	124	43-126	9	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3620	3660	2930	3270	81	89	40-140	11	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3620	3660	1560	1710	43	47	14-127	9	
Phenanthrene	ug/kg	ND	3620	3660	3340	3370	92	92	40-140	1	
Phenol	ug/kg	ND	3620	3660	3000	3540	83	97	39-120	17	
Pyrene	ug/kg	ND	3620	3660	3790	3820	105	104	43-135	.9	
2,4,6-Tribromophenol (S)	%						75	76	10-123		
2-Fluorobiphenyl (S)	%						90	92	43-116		
2-Fluorophenol (S)	%						80	91	21-110		
Nitrobenzene-d5 (S)	%						94	105	35-114		
Phenol-d6 (S)	%						84	95	10-110		
Terphenyl-d14 (S)	%						111	108	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: MSV/6055 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442009, 3028442011

METHOD BLANK: 178435 Matrix: Solid
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloropropane	ug/kg	ND	5.0	06/03/10 22:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
2-Butanone (MEK)	ug/kg	ND	10.0	06/03/10 22:34	
2-Hexanone	ug/kg	ND	10.0	06/03/10 22:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/03/10 22:34	
Acetone	ug/kg	ND	10.0	06/03/10 22:34	
Benzene	ug/kg	ND	5.0	06/03/10 22:34	
Bromodichloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Bromoform	ug/kg	ND	5.0	06/03/10 22:34	
Bromomethane	ug/kg	ND	5.0	06/03/10 22:34	
Carbon disulfide	ug/kg	ND	5.0	06/03/10 22:34	
Carbon tetrachloride	ug/kg	ND	5.0	06/03/10 22:34	
Chlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
Chloroethane	ug/kg	ND	5.0	06/03/10 22:34	
Chloroform	ug/kg	ND	5.0	06/03/10 22:34	
Chloromethane	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Dibromochloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Ethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/03/10 22:34	
m&p-Xylene	ug/kg	ND	10.0	06/03/10 22:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/03/10 22:34	
Methylene Chloride	ug/kg	12.8	5.0	06/03/10 22:34	B,C9
n-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
n-Propylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Naphthalene	ug/kg	ND	5.0	06/03/10 22:34	
o-Xylene	ug/kg	ND	5.0	06/03/10 22:34	
p-Isopropyltoluene	ug/kg	ND	5.0	06/03/10 22:34	
sec-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Styrene	ug/kg	ND	5.0	06/03/10 22:34	
Tetrachloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Toluene	ug/kg	ND	5.0	06/03/10 22:34	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

METHOD BLANK: 178435 Matrix: Solid

Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TOTAL BTEX	ug/kg	ND	30.0	06/03/10 22:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Trichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Vinyl chloride	ug/kg	ND	5.0	06/03/10 22:34	
Xylene (Total)	ug/kg	ND	15.0	06/03/10 22:34	
1,2-Dichloroethane-d4 (S)	%	111	70-130	06/03/10 22:34	
4-Bromofluorobenzene (S)	%	96	70-130	06/03/10 22:34	
Toluene-d8 (S)	%	101	70-130	06/03/10 22:34	

LABORATORY CONTROL SAMPLE: 178436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	19.3	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	18.3	91	70-130	
1,1,2-Trichloroethane	ug/kg	20	18.6	93	70-130	
1,1-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,1-Dichloroethene	ug/kg	20	17.7	88	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	17.4	87	70-130	
1,2-Dichlorobenzene	ug/kg	20	17.5	87	70-130	
1,2-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,2-Dichloropropane	ug/kg	20	20.2	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	17.3	87	70-130	
1,3-Dichlorobenzene	ug/kg	20	18.0	90	70-130	
1,4-Dichlorobenzene	ug/kg	20	17.7	88	70-130	
2-Butanone (MEK)	ug/kg	20	24.8	124	70-130	
2-Hexanone	ug/kg	20	23.3	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	23.3	116	70-130	
Acetone	ug/kg	20	22.2	111	70-130	
Benzene	ug/kg	20	19.0	95	70-130	
Bromodichloromethane	ug/kg	20	19.2	96	70-130	
Bromoform	ug/kg	20	16.1	80	70-130	
Bromomethane	ug/kg	20	20.7	104	70-130	
Carbon disulfide	ug/kg	20	23.7	119	70-130	
Carbon tetrachloride	ug/kg	20	19.3	96	70-130	
Chlorobenzene	ug/kg	20	18.4	92	70-130	
Chloroethane	ug/kg	20	19.6	98	70-130	
Chloroform	ug/kg	20	20.5	103	70-130	
Chloromethane	ug/kg	20	22.6	113	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	18.1	90	70-130	
Dibromochloromethane	ug/kg	20	18.5	93	70-130	
Ethylbenzene	ug/kg	20	18.4	92	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	18.4	92	70-130	
m&p-Xylene	ug/kg	40	35.5	89	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 178436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	20	22.5	113	70-130	
Methylene Chloride	ug/kg	20	20.6	103	70-130	
n-Butylbenzene	ug/kg	20	17.4	87	70-130	
n-Propylbenzene	ug/kg	20	18.1	90	70-130	
Naphthalene	ug/kg	20	17.1	85	70-130	
o-Xylene	ug/kg	20	17.5	88	70-130	
p-Isopropyltoluene	ug/kg	20	17.1	85	70-130	
sec-Butylbenzene	ug/kg	20	17.6	88	70-130	
Styrene	ug/kg	20	16.4	82	70-130	
Tetrachloroethene	ug/kg	20	18.4	92	70-130	
Toluene	ug/kg	20	19.4	97	70-130	
TOTAL BTEX	ug/kg		110			
trans-1,2-Dichloroethene	ug/kg	20	19.7	98	70-130	
trans-1,3-Dichloropropene	ug/kg	20	18.0	90	70-130	
Trichloroethene	ug/kg	20	19.1	95	70-130	
Vinyl chloride	ug/kg	20	22.6	113	70-130	
Xylene (Total)	ug/kg	60	53.0	88	70-130	
1,2-Dichloroethane-d4 (S)	%			111	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: MSV/6120 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028442007

METHOD BLANK: 180211 | Matrix: Solid
Associated Lab Samples: 3028442007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,1-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloroethane	ug/kg	ND	5.0	06/03/10 22:34	
1,2-Dichloropropane	ug/kg	ND	5.0	06/03/10 22:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
2-Butanone (MEK)	ug/kg	ND	10.0	06/03/10 22:34	
2-Hexanone	ug/kg	ND	10.0	06/03/10 22:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/03/10 22:34	
Acetone	ug/kg	ND	10.0	06/03/10 22:34	
Benzene	ug/kg	ND	5.0	06/03/10 22:34	
Bromodichloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Bromoform	ug/kg	ND	5.0	06/03/10 22:34	
Bromomethane	ug/kg	ND	5.0	06/03/10 22:34	
Carbon disulfide	ug/kg	ND	5.0	06/03/10 22:34	
Carbon tetrachloride	ug/kg	ND	5.0	06/03/10 22:34	
Chlorobenzene	ug/kg	ND	5.0	06/03/10 22:34	
Chloroethane	ug/kg	ND	5.0	06/03/10 22:34	
Chloroform	ug/kg	ND	5.0	06/03/10 22:34	
Chloromethane	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Dibromochloromethane	ug/kg	ND	5.0	06/03/10 22:34	
Ethylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/03/10 22:34	
m&p-Xylene	ug/kg	ND	10.0	06/03/10 22:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/03/10 22:34	
Methylene Chloride	ug/kg	12.8	5.0	06/03/10 22:34	B,C9
n-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
n-Propylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Naphthalene	ug/kg	ND	5.0	06/03/10 22:34	
o-Xylene	ug/kg	ND	5.0	06/03/10 22:34	
p-Isopropyltoluene	ug/kg	ND	5.0	06/03/10 22:34	
sec-Butylbenzene	ug/kg	ND	5.0	06/03/10 22:34	
Styrene	ug/kg	ND	5.0	06/03/10 22:34	
Tetrachloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Toluene	ug/kg	ND	5.0	06/03/10 22:34	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

METHOD BLANK: 180211 Matrix: Solid

Associated Lab Samples: 3028442007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TOTAL BTEX	ug/kg	ND	30.0	06/03/10 22:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/03/10 22:34	
Trichloroethene	ug/kg	ND	5.0	06/03/10 22:34	
Vinyl chloride	ug/kg	ND	5.0	06/03/10 22:34	
Xylene (Total)	ug/kg	ND	15.0	06/03/10 22:34	
1,2-Dichloroethane-d4 (S)	%	111	70-130	06/03/10 22:34	
4-Bromofluorobenzene (S)	%	96	70-130	06/03/10 22:34	
Toluene-d8 (S)	%	101	70-130	06/03/10 22:34	

LABORATORY CONTROL SAMPLE: 180212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	19.3	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	18.3	91	70-130	
1,1,2-Trichloroethane	ug/kg	20	18.6	93	70-130	
1,1-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,1-Dichloroethene	ug/kg	20	17.7	88	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	17.4	87	70-130	
1,2-Dichlorobenzene	ug/kg	20	17.5	87	70-130	
1,2-Dichloroethane	ug/kg	20	20.0	100	70-130	
1,2-Dichloropropane	ug/kg	20	20.2	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	17.3	87	70-130	
1,3-Dichlorobenzene	ug/kg	20	18.0	90	70-130	
1,4-Dichlorobenzene	ug/kg	20	17.7	88	70-130	
2-Butanone (MEK)	ug/kg	20	24.8	124	70-130	
2-Hexanone	ug/kg	20	23.3	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	23.3	116	70-130	
Acetone	ug/kg	20	22.2	111	70-130	
Benzene	ug/kg	20	19.0	95	70-130	
Bromodichloromethane	ug/kg	20	19.2	96	70-130	
Bromoform	ug/kg	20	16.1	80	70-130	
Bromomethane	ug/kg	20	20.7	104	70-130	
Carbon disulfide	ug/kg	20	23.7	119	70-130	
Carbon tetrachloride	ug/kg	20	19.3	96	70-130	
Chlorobenzene	ug/kg	20	18.4	92	70-130	
Chloroethane	ug/kg	20	19.6	98	70-130	
Chloroform	ug/kg	20	20.5	103	70-130	
Chloromethane	ug/kg	20	22.6	113	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	18.1	90	70-130	
Dibromochloromethane	ug/kg	20	18.5	93	70-130	
Ethylbenzene	ug/kg	20	18.4	92	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	18.4	92	70-130	
m&p-Xylene	ug/kg	40	35.5	89	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 180212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	20	22.5	113	70-130	
Methylene Chloride	ug/kg	20	20.6	103	70-130	
n-Butylbenzene	ug/kg	20	17.4	87	70-130	
n-Propylbenzene	ug/kg	20	18.1	90	70-130	
Naphthalene	ug/kg	20	17.1	85	70-130	
o-Xylene	ug/kg	20	17.5	88	70-130	
p-Isopropyltoluene	ug/kg	20	17.1	85	70-130	
sec-Butylbenzene	ug/kg	20	17.6	88	70-130	
Styrene	ug/kg	20	16.4	82	70-130	
Tetrachloroethene	ug/kg	20	18.4	92	70-130	
Toluene	ug/kg	20	19.4	97	70-130	
TOTAL BTEX	ug/kg		110			
trans-1,2-Dichloroethene	ug/kg	20	19.7	98	70-130	
trans-1,3-Dichloropropene	ug/kg	20	18.0	90	70-130	
Trichloroethene	ug/kg	20	19.1	95	70-130	
Vinyl chloride	ug/kg	20	22.6	113	70-130	
Xylene (Total)	ug/kg	60	53.0	88	70-130	
1,2-Dichloroethane-d4 (S)	%			111	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: MSV/6008 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028442013

METHOD BLANK: 176857 | Matrix: Water
Associated Lab Samples: 3028442013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloropropane	ug/L	ND	1.0	06/01/10 14:32	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	06/01/10 14:32	
2-Hexanone	ug/L	ND	10.0	06/01/10 14:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/01/10 14:32	
Acetone	ug/L	ND	10.0	06/01/10 14:32	
Benzene	ug/L	ND	1.0	06/01/10 14:32	
Bromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromodichloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromoform	ug/L	ND	1.0	06/01/10 14:32	
Bromomethane	ug/L	ND	1.0	06/01/10 14:32	
Carbon disulfide	ug/L	ND	1.0	06/01/10 14:32	
Carbon tetrachloride	ug/L	ND	1.0	06/01/10 14:32	
Chlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
Chloroethane	ug/L	ND	1.0	06/01/10 14:32	
Chloroform	ug/L	ND	1.0	06/01/10 14:32	
Chloromethane	ug/L	ND	1.0	06/01/10 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Dibromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Ethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/01/10 14:32	
m&p-Xylene	ug/L	ND	2.0	06/01/10 14:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/01/10 14:32	
Methylene Chloride	ug/L	ND	1.0	06/01/10 14:32	
n-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	
n-Propylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Naphthalene	ug/L	ND	2.0	06/01/10 14:32	
o-Xylene	ug/L	ND	1.0	06/01/10 14:32	
p-Isopropyltoluene	ug/L	ND	1.0	06/01/10 14:32	
sec-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

METHOD BLANK: 176857 Matrix: Water

Associated Lab Samples: 3028442013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	06/01/10 14:32	
Tetrachloroethene	ug/L	ND	1.0	06/01/10 14:32	
Toluene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Trichloroethene	ug/L	ND	1.0	06/01/10 14:32	
Vinyl chloride	ug/L	ND	1.0	06/01/10 14:32	
Xylene (Total)	ug/L	ND	3.0	06/01/10 14:32	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/01/10 14:32	
4-Bromofluorobenzene (S)	%	96	70-130	06/01/10 14:32	
Toluene-d8 (S)	%	97	70-130	06/01/10 14:32	

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.1	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	70-130	
1,1,2-Trichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	20	18.8	94	70-130	
1,1-Dichloroethene	ug/L	20	15.4	77	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.5	103	70-130	
1,2,4-Trimethylbenzene	ug/L	20	23.2	116	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.2	96	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	104	70-130	
1,2-Dichloroethane	ug/L	20	19.4	97	70-130	
1,2-Dichloropropane	ug/L	20	18.9	94	70-130	
1,3,5-Trimethylbenzene	ug/L	20	23.9	120	70-130	
1,3-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	20	20.9	104	70-130	
2-Butanone (MEK)	ug/L	20	16.8	84	70-130	
2-Hexanone	ug/L	20	18.9	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.4	97	70-130	
Acetone	ug/L	20	17.4	87	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Bromochloromethane	ug/L	20	18.0	90	70-130	
Bromodichloromethane	ug/L	20	19.2	96	70-130	
Bromoform	ug/L	20	16.3	81	70-130	
Bromomethane	ug/L	20	23.0	115	70-130	
Carbon disulfide	ug/L	20	18.1	91	70-130	
Carbon tetrachloride	ug/L	20	15.7	78	70-130	
Chlorobenzene	ug/L	20	20.9	105	70-130	
Chloroethane	ug/L	20	22.3	111	70-130	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	18.8	94	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	17.6	88	70-130	
Dibromochloromethane	ug/L	20	17.8	89	70-130	
Ethylbenzene	ug/L	20	21.2	106	70-130	
Isopropylbenzene (Cumene)	ug/L	20	23.5	118	70-130	
m&p-Xylene	ug/L	40	37.9	95	70-130	
Methyl-tert-butyl ether	ug/L	20	19.7	98	70-130	
Methylene Chloride	ug/L	20	16.7	83	70-130	
n-Butylbenzene	ug/L	20	24.0	120	70-130	
n-Propylbenzene	ug/L	20	25.3	126	70-130	
Naphthalene	ug/L	20	22.0	110	70-130	
o-Xylene	ug/L	20	20.8	104	70-130	
p-Isopropyltoluene	ug/L	20	23.3	116	70-130	
sec-Butylbenzene	ug/L	20	24.7	123	70-130	
Styrene	ug/L	20	21.2	106	70-130	
Tetrachloroethene	ug/L	20	19.4	97	70-130	
Toluene	ug/L	20	21.6	108	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.7	78	70-130	
Trichloroethene	ug/L	20	19.4	97	70-130	
Vinyl chloride	ug/L	20	20.3	102	70-130	
Xylene (Total)	ug/L	60	58.7	98	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	17.0	17.7	85	89	70-130	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.3	19.8	102	99	70-130	2	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	20.9	105	104	70-130	.3	
1,1-Dichloroethane	ug/L	ND	20	20	20.1	20.5	100	103	70-130	2	
1,1-Dichloroethene	ug/L	ND	20	20	22.1	17.0	110	85	70-130	26	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.0	18.3	95	92	70-130	4	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.0	23.0	120	115	70-130	4	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.4	19.5	92	97	70-130	6	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.5	20.6	107	103	70-130	4	
1,2-Dichloroethane	ug/L	ND	20	20	20.8	20.7	104	104	70-130	.4	
1,2-Dichloropropane	ug/L	ND	20	20	19.9	19.8	99	99	70-130	.2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.2	24.2	126	121	70-130	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.8	21.0	109	105	70-130	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.9	21.0	110	105	70-130	4	
2-Butanone (MEK)	ug/L	ND	20	20	15.0	14.4	75	72	70-130	4	
2-Hexanone	ug/L	ND	20	20	17.1	17.1	85	85	70-130	.07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	18.5	18.1	92	90	70-130	2	
Acetone	ug/L	ND	20	20	17.5	17.3	78	77	70-130	1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	22.0	21.8	110	109	70-130	.7	
Bromochloromethane	ug/L	ND	20	20	19.2	20.3	96	102	70-130	5	
Bromodichloromethane	ug/L	ND	20	20	16.9	17.8	84	89	70-130	5	
Bromoform	ug/L	ND	20	20	13.5	14.3	67	71	70-130	6	M0
Bromomethane	ug/L	ND	20	20	14.4	25.4	72	127	70-130	55	R1
Carbon disulfide	ug/L	ND	20	20	41.6	20.4	208	102	70-130	69	M0,R1
Carbon tetrachloride	ug/L	ND	20	20	14.5	15.2	73	76	70-130	4	
Chlorobenzene	ug/L	ND	20	20	22.7	22.1	114	111	70-130	3	
Chloroethane	ug/L	ND	20	20	26.4	26.3	132	131	70-130	.5	M0
Chloroform	ug/L	ND	20	20	21.6	21.2	108	106	70-130	2	
Chloromethane	ug/L	ND	20	20	19.9	18.7	100	94	70-130	6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.8	19.6	99	98	70-130	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	15.5	16.5	77	83	70-130	7	
Dibromochloromethane	ug/L	ND	20	20	15.9	16.4	80	82	70-130	3	
Ethylbenzene	ug/L	ND	20	20	22.8	22.6	114	113	70-130	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.9	24.0	124	120	70-130	4	
m&p-Xylene	ug/L	ND	40	40	40.1	39.4	100	99	70-130	2	
Methyl-tert-butyl ether	ug/L	40.2	20	20	57.4	58.5	86	91	70-130	2	
Methylene Chloride	ug/L	ND	20	20	18.3	17.7	91	88	70-130	4	
n-Butylbenzene	ug/L	ND	20	20	23.6	22.7	118	113	70-130	4	
n-Propylbenzene	ug/L	ND	20	20	26.6	25.7	133	128	70-130	4	M0
Naphthalene	ug/L	ND	20	20	18.1	17.4	91	87	70-130	4	
o-Xylene	ug/L	ND	20	20	21.7	21.7	108	109	70-130	.07	
p-Isopropyltoluene	ug/L	ND	20	20	24.0	22.8	120	114	70-130	5	
sec-Butylbenzene	ug/L	ND	20	20	25.7	25.1	128	126	70-130	2	
Styrene	ug/L	ND	20	20	20.8	21.1	104	106	70-130	2	
Tetrachloroethene	ug/L	2.4	20	20	23.2	22.6	104	101	70-130	2	
Toluene	ug/L	ND	20	20	23.4	22.8	117	114	70-130	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.5	100	98	70-130	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	13.8	14.9	69	75	70-130	8	M0
Trichloroethene	ug/L	ND	20	20	21.1	20.9	105	104	70-130	1	
Vinyl chloride	ug/L	ND	20	20	22.6	20.9	113	104	70-130	8	
Xylene (Total)	ug/L	ND	60	60	61.8	61.1	103	102	70-130	1	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130		
4-Bromofluorobenzene (S)	%						97	91	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: PMST/1897 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

SAMPLE DUPLICATE: 180592

Parameter	Units	3028405001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.2	14.6	18	

SAMPLE DUPLICATE: 180593

Parameter	Units	3028405002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.5	13.3	8	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: WET/5796 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

METHOD BLANK: 177505 Matrix: Water
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

METHOD BLANK: 177506 Matrix: Water
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

LABORATORY CONTROL SAMPLE: 177507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	1.1	109	85-115	SU

MATRIX SPIKE SAMPLE: 177509

Parameter	Units	3028366038 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	1.0	100	85-115	2c

SAMPLE DUPLICATE: 177508

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	.052J		2c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: WETA/4433 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

METHOD BLANK: 179590 Matrix: Solid
Associated Lab Samples: 3028442001, 3028442003, 3028442005, 3028442007, 3028442009, 3028442011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/08/10 15:57	

LABORATORY CONTROL SAMPLE: 179591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	159	148	93	85-115	

MATRIX SPIKE SAMPLE: 179592

Parameter	Units	3028443005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	7.3	163	162	95	85-115	

SAMPLE DUPLICATE: 179593

Parameter	Units	3028443005 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	7.3	8.3	12	

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028442

QC Batch: WETA/4380 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

METHOD BLANK: 177684 Matrix: Water
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 10:11	

METHOD BLANK: 177740 Matrix: Water
Associated Lab Samples: 3028442002, 3028442004, 3028442006, 3028442008, 3028442010, 3028442012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 00:00	1c

LABORATORY CONTROL SAMPLE: 177685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.7	99	85-115	

MATRIX SPIKE SAMPLE: 177686

Parameter	Units	3028366036 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	ND	20	18.3	81	85-115	M1

SAMPLE DUPLICATE: 177687

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	2.2J		

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ACCREDITED IN ACCORDANCE WITH nelac

CABOT-EPA 004844

DIM0223739 DIM0224237

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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: KLG
Pace Project No.: 3028442

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

SAMPLE QUALIFIERS

Sample: 3028442007

[1] One internal standard recovery associated with this sample exceed the lower control limit. The reported results should be considered biased high.

BATCH QUALIFIERS

Batch: MSV/6055

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6120

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	ASTM BLANK
2c	Samples were tumbled on 06/01/2010 and analyzed within 48 hours.
B	Analyte was detected in the associated method blank.
C9	Common Laboratory Contaminant.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
SU	MBAS, calculated as LAS, Mol wt 342.2 g/mol

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028442001	[redacted]3-B1	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442003	[redacted]-3-B2	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442005	[redacted]-3-B3	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442007	[redacted]-3-B4	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442009	[redacted]-3-B22	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442011	[redacted]-3-B5	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028442001	[redacted]-3-B1	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442003	[redacted]-3-B2	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442005	[redacted]-3-B3	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442007	[redacted]-3-B4	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442009	[redacted]-3-B22	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442011	[redacted]-3-B5	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028442001	[redacted]-3-B1	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442003	[redacted]-3-B2	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442005	[redacted]-3-B3	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442007	[redacted]-3-B4	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442009	[redacted]-3-B22	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442011	[redacted]-3-B5	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028442001	[redacted]-3-B1	EPA 8260	MSV/6055		
3028442003	[redacted]-3-B2	EPA 8260	MSV/6055		
3028442005	[redacted]-3-B3	EPA 8260	MSV/6055		
3028442007	[redacted]-3-B4	EPA 8260	MSV/6120		
3028442009	[redacted]-3-B22	EPA 8260	MSV/6055		
3028442011	[redacted]-3-B5	EPA 8260	MSV/6055		
3028442013	TRIP BLANK	EPA 8260	MSV/6008		
3028442001	[redacted]-3-B1	ASTM D2974-87	PMST/1897		
3028442003	[redacted]-3-B2	ASTM D2974-87	PMST/1897		
3028442005	[redacted]-3-B3	ASTM D2974-87	PMST/1897		
3028442007	[redacted]-3-B4	ASTM D2974-87	PMST/1897		
3028442009	[redacted]-3-B22	ASTM D2974-87	PMST/1897		
3028442011	[redacted]-3-B5	ASTM D2974-87	PMST/1897		
3028442002	[redacted]-3-B1(ASTM)	SM 5540C	WET/5796		
3028442004	[redacted]-3-B2(ASTM)	SM 5540C	WET/5796		
3028442006	[redacted]-3-B3(ASTM)	SM 5540C	WET/5796		
3028442008	[redacted]-3-B4(ASTM)	SM 5540C	WET/5796		
3028442010	[redacted]-3-B22(ASTM)	SM 5540C	WET/5796		
3028442012	[redacted]-3-B5(ASTM)	SM 5540C	WET/5796		
3028442001	[redacted]-3-B1	EPA 350.1	WETA/4433		
3028442003	[redacted]-3-B2	EPA 350.1	WETA/4433		
3028442005	[redacted]-3-B3	EPA 350.1	WETA/4433		
3028442007	[redacted]-3-B4	EPA 350.1	WETA/4433		
3028442009	[redacted]-3-B22	EPA 350.1	WETA/4433		
3028442011	[redacted]-3-B5	EPA 350.1	WETA/4433		
3028442002	[redacted]-3-B1(ASTM)	SM 4500-Cl-E	WETA/4380		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028442004	[redacted]3-B2(ASTM)	SM 4500-Cl-E	WETA/4380		
3028442006	[redacted]3-B3(ASTM)	SM 4500-Cl-E	WETA/4380		
3028442008	[redacted]3-B4(ASTM)	SM 4500-Cl-E	WETA/4380		
3028442010	[redacted]3-B22(ASTM)	SM 4500-Cl-E	WETA/4380		
3028442012	[redacted]3-B5(ASTM)	SM 4500-Cl-E	WETA/4380		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 178532

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10607A5

Level: (low/med) LOW Date Received: 06/04/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.27	1740	J
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B1

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442001

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607A7

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B2

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442003

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607A8

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B22

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442009

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10607B1

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-B3

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442005

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10607A9

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.76	1050	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]3-B4

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442007

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10607B0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.65	272	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-3-B5

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028442011

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10607B2

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1361246

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Email To: James_Pintz@URSCorp.com
Phone: 412-503-4102 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pintz@URSCorp.com
Copy To: Mark_Holsing@URSCorp.com
Andy_Mahalko@URSCorp.com
Purchase Order No.:
Project Name: KLQ
Project Number: 39939654.00001

Section C Invoice Information:

Attention: Thomas_Morck@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	Section D Required Client Information / SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	VOC	SVOC	Total Metals	Ammonia	MBAS	Chloride	Bromide	Cyanide	Phenol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]-3-B1	SL	G			5-26-10	0740		6	3					2	1			X	X	X	X	X	X	X				001, 002
2	[redacted]-3-B2	SL	G			5-26-10	0750		6	3					2	1			X	X	X	X	X	X	X				003, 004
3	[redacted]-3-B3	SL	G			5-26-10	0810		6	3					2	1			X	X	X	X	X	X	X				005, 006
4	[redacted]-3-B4	SL	G			5-26-10	0830		6	3					2	1			X	X	X	X	X	X	X				007, 008
5	[redacted]-3-B22	SL	G			5-26-10	0800		6	3					2	1			X	X	X	X	X	X	X				009, 010
6	[redacted]-3-B5	SL	G			5-26-10	0845		6	3					2	1			X	X	X	X	X	X	X				011, 012
7	Trip blank	WT							2										X										013
8																													
9																													
10																													
11																													
12																													

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / URS	5-26-10	1830	Amanda Bayne	5/27/10	1030	8.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE: Amanda Bayne
PRINT Name of SAMPLER: [signature] / URS
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/26/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 004855

DIM0223739 DIM0224248

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for ALL Petroeum Products
		Analytical Parameters Requested													
Soils															
P/F	[redacted] 1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted] 1	x	x	x		x				x	x		x		
P/F	[redacted] 2	x	x	x		x				x	x		x		
SL4D	[redacted] 5 - "P samples"													x	
P/F	[redacted] 5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted] 4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted] 3 - "P samples"													x	
P/F	[redacted] 3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted] 7	x	x	x		x				x	x		x		
SL4D	[redacted] 2 - "P samples"														
P/F + SL4D	[redacted] 2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted] 5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted] 5														x
P/F	[redacted] 7	x	x	x		x				x	x		x		
Water															
Ext	[redacted] 4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted] 6					x								x	

CABOT-EPA 004856

DIM0223739

DIM0224249

LL

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS Project # 3028442

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 79575400 0741

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other foam

Thermometer Used (3) 5 Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 8.7 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: SMB 5/27/10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☒No	Initial when completed SMB / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☒N/A	SMB 5/27/10
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Samples sitting on top of bagged ice only about 5lbs/cooler

Project Manager Review: _____ **Date:** 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008058

Project Number
3028442

Issued
Tuesday, June 08, 2010

Total Number of Pages
4 (excluding C.O.C. and cooler receipt form)

Approved By :

QA Manager

NELAC Accreditation #E87688

"Analytical Integrity" · EPA Certified · NELAP Certified
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

Sample Summary

Client: Pace Analytical
Order Number: 1008058

Laboratory ID	Client ID	Matrix	Sampling Date
1008058-01	3028442001	Solid	5/26/2010
1008058-02	3028442003	Solid	5/26/2010
1008058-03	3028442005	Solid	5/26/2010
1008058-04	3028442007	Solid	5/26/2010
1008058-05	3028442009	Solid	5/26/2010
1008058-06	3028442011	Solid	5/26/2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008058

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 08, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028442

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028442001	1008058-01	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028442003	1008058-02	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028442005	1008058-03	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028442007	1008058-04	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028442009	1008058-05	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN
3028442011	1008058-06	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	04-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical
www.pacelabs.com

Subcontractor Project No.:
P.O. No: ASR- 3028442

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 5/28/10 Analysis Due Date: 6/11/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028442
Report/Invoice to: Tim Reed

Page 1 of 1

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028442001	SL	5/26/10	7:40	Ethylene Glycol	8015		
2	3028442003	SL	5/26/10	7:50	Ethylene Glycol	8015		
3	3028442005	SL	5/26/10	8:10	Ethylene Glycol	8015		
4	3028442007	SL	5/26/10	8:20	Ethylene Glycol	8015		
5	3028442009	SL	5/26/10	8:00	Ethylene Glycol	8015		
6	3028442011	SL	5/26/10	8:45	Ethylene Glycol	8015		
7								
8								
9								
10								
11								
12								

10008058-01-06

Special Requirements:

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Pace Agent Name Title
Acceptance of Terms By: Subcontract Lab Agent Title

Relinquised By: (Signature & Affiliation) 5-28-10 1700 (Date) (Time)
Received By: (Signature & Affiliation) 5-29-10 1020 (Date) (Time)
Relinquised By: (Signature & Affiliation) (Date) (Time)
Received By: (Signature & Affiliation) (Date) (Time)
Comments:

ASR (C015-0 31July2007)

CABOT-EPA 004862

DIM0223739 DIM0224255

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Order Number: 1008058

Date Received: 5-29-10 Time Received: 10:00

Number of Coolers/Boxes: 2 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 14, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028443

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: KLG
Pace Project No.: 3028443

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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Greensburg, PA 15601
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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028443001	G-7-P1A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443002	G-7-P1A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443003	G-7-P1B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443004	G-7-P1B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443005	G-7-P2A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443006	G-7-P2A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443007	G-7-P2B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443008	G-7-P2B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443009	G-7-P3A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028443010	G-7-P3A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443011	G-7-P3B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443012	G-7-P3B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443013	G-7-P4A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443014	G-7-P4A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443015	G-7-P4B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443016	G-7-P4B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443017	G-7-P5A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443018	G-7-P5A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443019	G-7-P5B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443020	G-7-P5B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443021	G-7-P6A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443022	G-7-P6A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443023	G-7-P6B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443024	G-7-P6B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443025	G-7-P7B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443026	G-7-P7B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443027	G-7-P7A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443028	G-7-P7A(ASTM)	SM 5540C	DLD	1	PASI-PA

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443029	G-7-P8A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443030	G-7-P8A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443031	G-7-P9A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443032	G-7-P9A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443033	G-7-P10A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443034	G-7-P10A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443035	G-7-P10B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443036	G-7-P10B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443037	G-7-P9B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443038	G-7-P9B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443039	G-7-P11A	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443040	G-7-P11A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443041	G-7-P11B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443042	G-7-P11B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443043	G-7-P11C	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443044	G-7-P11C(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443045	G-7-P8B	EPA 6010B	SAB	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443046	G-7-P8B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443047	G-7-P12A	EPA 6010B	SAB	24	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028443048	**G-7-P12A(ASTM)**	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028443049	**TRIP BLANK**	EPA 8260	JAS	55	PASI-PA

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443001	**G-7-P1A**					
EPA 6010B	Aluminum	12200	mg/kg	9.9	06/10/10 10:30	
EPA 6010B	Arsenic	23.5	mg/kg	0.49	06/10/10 10:30	
EPA 6010B	Barium	1840	mg/kg	2.0	06/10/10 10:30	
EPA 6010B	Beryllium	0.67	mg/kg	0.20	06/10/10 10:30	
EPA 6010B	Boron	8.7	mg/kg	4.9	06/10/10 10:30	
EPA 6010B	Cadmium	0.48	mg/kg	0.20	06/10/10 10:30	
EPA 6010B	Calcium	4510	mg/kg	198	06/10/10 10:30	
EPA 6010B	Chromium	14.6	mg/kg	0.49	06/10/10 10:30	
EPA 6010B	Cobalt	14.3	mg/kg	0.99	06/10/10 10:30	
EPA 6010B	Copper	19.2	mg/kg	0.99	06/10/10 10:30	
EPA 6010B	Iron	24600	mg/kg	9.9	06/10/10 10:30	
EPA 6010B	Lead	38.5	mg/kg	0.49	06/10/10 10:30	
EPA 6010B	Magnesium	4720	mg/kg	49.4	06/10/10 10:30	
EPA 6010B	Manganese	1000	mg/kg	0.99	06/10/10 10:30	
EPA 6010B	Nickel	22.3	mg/kg	2.0	06/10/10 10:30	
EPA 6010B	Potassium	1880	mg/kg	49.4	06/10/10 10:30	
EPA 6010B	Selenium	0.65	mg/kg	0.49	06/10/10 10:30	
EPA 6010B	Silver	0.34	mg/kg	0.20	06/10/10 13:36	
EPA 6010B	Vanadium	13.8	mg/kg	0.99	06/10/10 10:30	
EPA 6010B	Zinc	62.0	mg/kg	0.99	06/10/10 10:30	
EPA 8260	Acetone	97.9	ug/kg	9.2	06/08/10 01:53	
EPA 8260	Carbon disulfide	23.6	ug/kg	4.6	06/08/10 01:53	
EPA 8260	1,2,4-Trimethylbenzene	6.0	ug/kg	4.6	06/08/10 01:53	
ASTM D2974-87	Percent Moisture	17.0	%	0.10	06/10/10 13:17	
EPA 350.1	Nitrogen, Ammonia	14.5	mg/kg	5.5	06/08/10 16:12	
3028443002	**G-7-P1A(ASTM)**					
SM 4500-Cl-E	Chloride	3.3	mg/L	3.0	06/04/10 15:12	
3028443003	**G-7-P1B**					
EPA 6010B	Aluminum	13700	mg/kg	7.3	06/10/10 10:50	
EPA 6010B	Arsenic	30.9	mg/kg	0.36	06/10/10 10:50	
EPA 6010B	Barium	1430	mg/kg	1.5	06/10/10 10:50	
EPA 6010B	Beryllium	0.76	mg/kg	0.15	06/10/10 10:50	
EPA 6010B	Boron	8.5	mg/kg	3.6	06/10/10 10:50	
EPA 6010B	Cadmium	0.51	mg/kg	0.15	06/10/10 10:50	
EPA 6010B	Calcium	5520	mg/kg	145	06/10/10 10:50	
EPA 6010B	Chromium	15.8	mg/kg	0.36	06/10/10 10:50	
EPA 6010B	Cobalt	15.3	mg/kg	0.73	06/10/10 10:50	
EPA 6010B	Copper	16.1	mg/kg	0.73	06/10/10 10:50	
EPA 6010B	Iron	26900	mg/kg	7.3	06/10/10 10:50	
EPA 6010B	Lead	35.8	mg/kg	0.36	06/10/10 10:50	
EPA 6010B	Magnesium	4750	mg/kg	36.3	06/10/10 10:50	
EPA 6010B	Manganese	1400	mg/kg	0.73	06/10/10 10:50	
EPA 6010B	Nickel	24.2	mg/kg	1.5	06/10/10 10:50	
EPA 6010B	Potassium	1920	mg/kg	36.3	06/10/10 10:50	
EPA 6010B	Silver	0.30	mg/kg	0.15	06/10/10 13:53	
EPA 6010B	Vanadium	15.4	mg/kg	0.73	06/10/10 10:50	

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DIM0223739 DIM0224265

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443003	**G-7-P1B**					
EPA 6010B	Zinc	71.3	mg/kg	0.73	06/10/10 10:50	
EPA 8260	Acetone	100	ug/kg	10.4	06/08/10 02:17	
EPA 8260	Carbon disulfide	16.8	ug/kg	5.2	06/08/10 02:17	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	06/10/10 13:19	
EPA 350.1	Nitrogen, Ammonia	15.9	mg/kg	5.7	06/08/10 16:12	
3028443004	**G-7-P1B(ASTM)**					
SM 4500-Cl-E	Chloride	3.7	mg/L	3.0	06/04/10 15:14	
3028443005	**G-7-P2A**					
EPA 6010B	Aluminum	14400	mg/kg	6.8	06/10/10 10:53	
EPA 6010B	Arsenic	14.0	mg/kg	0.34	06/10/10 10:53	
EPA 6010B	Barium	137	mg/kg	1.4	06/10/10 10:53	
EPA 6010B	Beryllium	0.78	mg/kg	0.14	06/10/10 10:53	
EPA 6010B	Boron	8.0	mg/kg	3.4	06/10/10 10:53	
EPA 6010B	Cadmium	0.37	mg/kg	0.14	06/10/10 10:53	
EPA 6010B	Calcium	1760	mg/kg	135	06/10/10 10:53	
EPA 6010B	Chromium	16.3	mg/kg	0.34	06/10/10 10:53	
EPA 6010B	Cobalt	11.8	mg/kg	0.68	06/10/10 10:53	
EPA 6010B	Copper	17.8	mg/kg	0.68	06/10/10 10:53	
EPA 6010B	Iron	27500	mg/kg	6.8	06/10/10 10:53	
EPA 6010B	Lead	14.4	mg/kg	0.34	06/10/10 10:53	
EPA 6010B	Magnesium	4490	mg/kg	33.8	06/10/10 10:53	
EPA 6010B	Manganese	804	mg/kg	0.68	06/10/10 10:53	
EPA 6010B	Nickel	23.2	mg/kg	1.4	06/10/10 10:53	
EPA 6010B	Potassium	1870	mg/kg	33.8	06/10/10 10:53	
EPA 6010B	Silver	0.27	mg/kg	0.14	06/10/10 13:58	
EPA 6010B	Vanadium	16.2	mg/kg	0.68	06/10/10 10:53	
EPA 6010B	Zinc	70.6	mg/kg	0.68	06/10/10 10:53	
EPA 8260	Acetone	118	ug/kg	10.4	06/08/10 02:41	
ASTM D2974-87	Percent Moisture	10.8	%	0.10	06/10/10 13:29	
EPA 350.1	Nitrogen, Ammonia	7.3	mg/kg	5.4	06/08/10 16:13	
3028443007	**G-7-P2B**					
EPA 6010B	Aluminum	12500	mg/kg	6.5	06/10/10 10:56	
EPA 6010B	Arsenic	15.4	mg/kg	0.32	06/10/10 10:56	
EPA 6010B	Barium	112	mg/kg	1.3	06/10/10 10:56	
EPA 6010B	Beryllium	0.70	mg/kg	0.13	06/10/10 10:56	
EPA 6010B	Boron	7.3	mg/kg	3.2	06/10/10 10:56	
EPA 6010B	Cadmium	0.35	mg/kg	0.13	06/10/10 10:56	
EPA 6010B	Calcium	2770	mg/kg	130	06/10/10 10:56	
EPA 6010B	Chromium	13.9	mg/kg	0.32	06/10/10 10:56	
EPA 6010B	Cobalt	10.5	mg/kg	0.65	06/10/10 10:56	
EPA 6010B	Copper	16.7	mg/kg	0.65	06/10/10 10:56	
EPA 6010B	Iron	25200	mg/kg	6.5	06/10/10 10:56	
EPA 6010B	Lead	16.1	mg/kg	0.32	06/10/10 10:56	
EPA 6010B	Magnesium	4350	mg/kg	32.4	06/10/10 10:56	
EPA 6010B	Manganese	580	mg/kg	0.65	06/10/10 10:56	
EPA 6010B	Nickel	21.7	mg/kg	1.3	06/10/10 10:56	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443007	**G-7-P2B**					
EPA 6010B	Potassium	2030	mg/kg	32.4	06/10/10 10:56	
EPA 6010B	Silver	0.28	mg/kg	0.13	06/10/10 14:03	
EPA 6010B	Vanadium	14.3	mg/kg	0.65	06/10/10 10:56	
EPA 6010B	Zinc	69.7	mg/kg	0.65	06/10/10 10:56	
EPA 8260	Acetone	17.5	ug/kg	9.0	06/08/10 03:05	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	06/10/10 13:35	
3028443009	**G-7-P3A**					
EPA 6010B	Aluminum	14100	mg/kg	9.3	06/10/10 10:59	
EPA 6010B	Arsenic	22.8	mg/kg	0.46	06/10/10 10:59	
EPA 6010B	Barium	146	mg/kg	1.9	06/10/10 10:59	
EPA 6010B	Beryllium	0.82	mg/kg	0.19	06/10/10 10:59	
EPA 6010B	Boron	8.3	mg/kg	4.6	06/10/10 10:59	
EPA 6010B	Cadmium	0.42	mg/kg	0.19	06/10/10 10:59	
EPA 6010B	Calcium	1600	mg/kg	186	06/10/10 10:59	
EPA 6010B	Chromium	15.3	mg/kg	0.46	06/10/10 10:59	
EPA 6010B	Cobalt	13.1	mg/kg	0.93	06/10/10 10:59	
EPA 6010B	Copper	18.1	mg/kg	0.93	06/10/10 10:59	
EPA 6010B	Iron	27600	mg/kg	9.3	06/10/10 10:59	
EPA 6010B	Lead	18.1	mg/kg	0.46	06/10/10 10:59	
EPA 6010B	Magnesium	4410	mg/kg	46.4	06/10/10 10:59	
EPA 6010B	Manganese	1090	mg/kg	0.93	06/10/10 10:59	
EPA 6010B	Nickel	24.2	mg/kg	1.9	06/10/10 10:59	
EPA 6010B	Potassium	1920	mg/kg	46.4	06/10/10 10:59	
EPA 6010B	Silver	0.29	mg/kg	0.19	06/10/10 14:08	
EPA 6010B	Vanadium	16.3	mg/kg	0.93	06/10/10 10:59	
EPA 6010B	Zinc	73.0	mg/kg	0.93	06/10/10 10:59	
EPA 8260	Acetone	33.3	ug/kg	8.3	06/08/10 03:29	
ASTM D2974-87	Percent Moisture	8.7	%	0.10	06/10/10 13:36	
3028443011	**G-7-P3B**					
EPA 6010B	Aluminum	15000	mg/kg	6.3	06/11/10 08:13	
EPA 6010B	Antimony	0.43	mg/kg	0.32	06/11/10 08:13	
EPA 6010B	Arsenic	12.2	mg/kg	0.32	06/11/10 08:13	
EPA 6010B	Barium	123	mg/kg	1.3	06/11/10 08:13	
EPA 6010B	Beryllium	0.81	mg/kg	0.13	06/11/10 08:13	
EPA 6010B	Boron	7.8	mg/kg	3.2	06/11/10 08:13	
EPA 6010B	Cadmium	0.44	mg/kg	0.13	06/11/10 08:13	
EPA 6010B	Calcium	832	mg/kg	127	06/11/10 08:13	
EPA 6010B	Chromium	15.6	mg/kg	0.32	06/11/10 08:13	
EPA 6010B	Cobalt	12.3	mg/kg	0.63	06/11/10 08:13	
EPA 6010B	Copper	18.3	mg/kg	0.63	06/11/10 08:13	
EPA 6010B	Iron	26600	mg/kg	6.3	06/11/10 08:13	
EPA 6010B	Lead	12.8	mg/kg	0.32	06/11/10 08:13	
EPA 6010B	Magnesium	4360	mg/kg	31.7	06/11/10 08:13	
EPA 6010B	Manganese	846	mg/kg	0.63	06/11/10 08:13	
EPA 6010B	Nickel	22.2	mg/kg	1.3	06/11/10 08:13	
EPA 6010B	Potassium	1900	mg/kg	31.7	06/11/10 08:13	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443011	**G-7-P3B**					
EPA 6010B	Silver	0.88	mg/kg	0.13	06/11/10 08:13	
EPA 6010B	Vanadium	16.6	mg/kg	0.63	06/11/10 08:13	
EPA 6010B	Zinc	68.1	mg/kg	0.63	06/11/10 08:13	
EPA 8260	Acetone	46.1	ug/kg	9.1	06/08/10 03:53	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	06/10/10 13:38	
3028443013	**G-7-P4A**					
EPA 6010B	Aluminum	13200	mg/kg	9.2	06/11/10 08:22	
EPA 6010B	Antimony	0.78	mg/kg	0.46	06/11/10 08:22	
EPA 6010B	Arsenic	19.7	mg/kg	0.46	06/11/10 08:22	
EPA 6010B	Barium	225	mg/kg	1.8	06/11/10 08:22	
EPA 6010B	Beryllium	0.82	mg/kg	0.18	06/11/10 08:22	
EPA 6010B	Boron	8.0	mg/kg	4.6	06/11/10 08:22	
EPA 6010B	Cadmium	0.54	mg/kg	0.18	06/11/10 08:22	
EPA 6010B	Calcium	1620	mg/kg	183	06/11/10 08:22	
EPA 6010B	Chromium	14.2	mg/kg	0.46	06/11/10 08:22	
EPA 6010B	Cobalt	19.1	mg/kg	0.92	06/11/10 08:22	
EPA 6010B	Copper	19.2	mg/kg	0.92	06/11/10 08:22	
EPA 6010B	Iron	30400	mg/kg	9.2	06/11/10 08:22	
EPA 6010B	Lead	29.7	mg/kg	0.46	06/11/10 08:22	
EPA 6010B	Magnesium	4100	mg/kg	45.8	06/11/10 08:22	
EPA 6010B	Manganese	2660	mg/kg	0.92	06/11/10 15:43	
EPA 6010B	Nickel	28.1	mg/kg	1.8	06/11/10 08:22	
EPA 6010B	Potassium	1730	mg/kg	45.8	06/11/10 08:22	
EPA 6010B	Silver	1.1	mg/kg	0.18	06/11/10 08:22	
EPA 6010B	Vanadium	17.9	mg/kg	0.92	06/11/10 08:22	
EPA 6010B	Zinc	71.5	mg/kg	0.92	06/11/10 08:22	
EPA 8260	Acetone	38.1	ug/kg	8.2	06/08/10 04:18	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	06/10/10 13:39	
EPA 350.1	Nitrogen, Ammonia	8.9	mg/kg	5.1	06/08/10 16:47	
3028443015	**G-7-P4B**					
EPA 6010B	Aluminum	12900	mg/kg	10.3	06/11/10 08:25	
EPA 6010B	Arsenic	16.4	mg/kg	0.52	06/11/10 08:25	
EPA 6010B	Barium	135	mg/kg	2.1	06/11/10 08:25	
EPA 6010B	Beryllium	0.74	mg/kg	0.21	06/11/10 08:25	
EPA 6010B	Boron	8.6	mg/kg	5.2	06/11/10 08:25	
EPA 6010B	Cadmium	0.46	mg/kg	0.21	06/11/10 08:25	
EPA 6010B	Calcium	1710	mg/kg	207	06/11/10 08:25	
EPA 6010B	Chromium	13.8	mg/kg	0.52	06/11/10 08:25	
EPA 6010B	Cobalt	12.2	mg/kg	1.0	06/11/10 08:25	
EPA 6010B	Copper	16.2	mg/kg	1.0	06/11/10 08:25	
EPA 6010B	Iron	25400	mg/kg	10.3	06/11/10 08:25	
EPA 6010B	Lead	18.1	mg/kg	0.52	06/11/10 08:25	
EPA 6010B	Magnesium	4040	mg/kg	51.7	06/11/10 08:25	
EPA 6010B	Manganese	1000	mg/kg	1.0	06/11/10 08:25	
EPA 6010B	Nickel	23.0	mg/kg	2.1	06/11/10 08:25	
EPA 6010B	Potassium	1980	mg/kg	51.7	06/11/10 08:25	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443015	**G-7-P4B**					
EPA 6010B	Silver	1.3	mg/kg	0.21	06/11/10 08:25	
EPA 6010B	Vanadium	15.1	mg/kg	1.0	06/11/10 08:25	
EPA 6010B	Zinc	71.0	mg/kg	1.0	06/11/10 08:25	
EPA 8260	Acetone	25.2	ug/kg	8.8	06/08/10 04:42	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	06/10/10 13:40	
3028443017	**G-7-P5A**					
EPA 6010B	Aluminum	14200	mg/kg	7.5	06/11/10 08:28	
EPA 6010B	Antimony	0.61	mg/kg	0.37	06/11/10 08:28	
EPA 6010B	Arsenic	14.3	mg/kg	0.37	06/11/10 08:28	
EPA 6010B	Barium	182	mg/kg	1.5	06/11/10 08:28	
EPA 6010B	Beryllium	0.77	mg/kg	0.15	06/11/10 08:28	
EPA 6010B	Boron	8.0	mg/kg	3.7	06/11/10 08:28	
EPA 6010B	Cadmium	0.37	mg/kg	0.15	06/11/10 08:28	
EPA 6010B	Calcium	1280	mg/kg	149	06/11/10 08:28	
EPA 6010B	Chromium	15.3	mg/kg	0.37	06/11/10 08:28	
EPA 6010B	Cobalt	12.9	mg/kg	0.75	06/11/10 08:28	
EPA 6010B	Copper	16.8	mg/kg	0.75	06/11/10 08:28	
EPA 6010B	Iron	26500	mg/kg	7.5	06/11/10 08:28	
EPA 6010B	Lead	17.5	mg/kg	0.37	06/11/10 08:28	
EPA 6010B	Magnesium	4220	mg/kg	37.3	06/11/10 08:28	
EPA 6010B	Manganese	1070	mg/kg	0.75	06/11/10 08:28	
EPA 6010B	Nickel	22.9	mg/kg	1.5	06/11/10 08:28	
EPA 6010B	Potassium	1780	mg/kg	37.3	06/11/10 08:28	
EPA 6010B	Silver	0.95	mg/kg	0.15	06/11/10 08:28	
EPA 6010B	Vanadium	16.2	mg/kg	0.75	06/11/10 08:28	
EPA 6010B	Zinc	69.5	mg/kg	0.75	06/11/10 08:28	
EPA 8260	Acetone	89.5	ug/kg	10.6	06/08/10 05:06	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	06/10/10 13:41	
EPA 350.1	Nitrogen, Ammonia	8.1	mg/kg	5.4	06/08/10 16:49	
3028443018	**G-7-P5A(ASTM)**					
SM 4500-Cl-E	Chloride	4.3	mg/L	3.0	06/07/10 16:49	
3028443019	**G-7-P5B**					
EPA 6010B	Aluminum	14600	mg/kg	8.4	06/11/10 08:31	
EPA 6010B	Arsenic	13.7	mg/kg	0.42	06/11/10 08:31	
EPA 6010B	Barium	147	mg/kg	1.7	06/11/10 08:31	
EPA 6010B	Beryllium	0.82	mg/kg	0.17	06/11/10 08:31	
EPA 6010B	Boron	8.1	mg/kg	4.2	06/11/10 08:31	
EPA 6010B	Cadmium	0.39	mg/kg	0.17	06/11/10 08:31	
EPA 6010B	Calcium	1380	mg/kg	169	06/11/10 08:31	
EPA 6010B	Chromium	15.9	mg/kg	0.42	06/11/10 08:31	
EPA 6010B	Cobalt	12.5	mg/kg	0.84	06/11/10 08:31	
EPA 6010B	Copper	17.7	mg/kg	0.84	06/11/10 08:31	
EPA 6010B	Iron	27900	mg/kg	8.4	06/11/10 08:31	
EPA 6010B	Lead	15.2	mg/kg	0.42	06/11/10 08:31	
EPA 6010B	Magnesium	4500	mg/kg	42.2	06/11/10 08:31	
EPA 6010B	Manganese	1000	mg/kg	0.84	06/11/10 08:31	

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(724)850-5600

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443019	**G-7-P5B**					
EPA 6010B	Nickel	24.4	mg/kg	1.7	06/11/10 08:31	
EPA 6010B	Potassium	1890	mg/kg	42.2	06/11/10 08:31	
EPA 6010B	Silver	1.1	mg/kg	0.17	06/11/10 08:31	
EPA 6010B	Vanadium	16.6	mg/kg	0.84	06/11/10 08:31	
EPA 6010B	Zinc	72.9	mg/kg	0.84	06/11/10 08:31	
EPA 8260	Acetone	22.7	ug/kg	8.5	06/08/10 05:30	
ASTM D2974-87	Percent Moisture	11.6	%	0.10	06/10/10 13:42	
3028443021	**G-7-P6A**					
EPA 6010B	Aluminum	12600	mg/kg	7.4	06/11/10 08:34	
EPA 6010B	Arsenic	14.8	mg/kg	0.37	06/11/10 08:34	
EPA 6010B	Barium	120	mg/kg	1.5	06/11/10 08:34	
EPA 6010B	Beryllium	0.70	mg/kg	0.15	06/11/10 08:34	
EPA 6010B	Boron	7.3	mg/kg	3.7	06/11/10 08:34	
EPA 6010B	Cadmium	0.44	mg/kg	0.15	06/11/10 08:34	
EPA 6010B	Calcium	1990	mg/kg	147	06/11/10 08:34	
EPA 6010B	Chromium	14.0	mg/kg	0.37	06/11/10 08:34	
EPA 6010B	Cobalt	12.1	mg/kg	0.74	06/11/10 08:34	
EPA 6010B	Copper	17.1	mg/kg	0.74	06/11/10 08:34	
EPA 6010B	Iron	25500	mg/kg	7.4	06/11/10 08:34	
EPA 6010B	Lead	17.0	mg/kg	0.37	06/11/10 08:34	
EPA 6010B	Magnesium	4200	mg/kg	36.8	06/11/10 08:34	
EPA 6010B	Manganese	843	mg/kg	0.74	06/11/10 08:34	
EPA 6010B	Nickel	22.0	mg/kg	1.5	06/11/10 08:34	
EPA 6010B	Potassium	1810	mg/kg	36.8	06/11/10 08:34	
EPA 6010B	Silver	0.83	mg/kg	0.15	06/11/10 08:34	
EPA 6010B	Vanadium	14.6	mg/kg	0.74	06/11/10 08:34	
EPA 6010B	Zinc	70.5	mg/kg	0.74	06/11/10 08:34	
EPA 8260	Acetone	23.6	ug/kg	9.3	06/08/10 05:54	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	06/10/10 13:43	
3028443022	**G-7-P6A(ASTM)**					
SM 4500-Cl-E	Chloride	3.1	mg/L	3.0	06/07/10 16:50	
3028443023	**G-7-P6B**					
EPA 6010B	Aluminum	12900	mg/kg	6.6	06/11/10 08:50	
EPA 6010B	Arsenic	11.1	mg/kg	0.33	06/11/10 08:50	
EPA 6010B	Barium	298	mg/kg	1.3	06/11/10 08:50	
EPA 6010B	Beryllium	0.62	mg/kg	0.13	06/11/10 08:50	
EPA 6010B	Boron	6.9	mg/kg	3.3	06/11/10 08:50	
EPA 6010B	Cadmium	0.46	mg/kg	0.13	06/11/10 08:50	
EPA 6010B	Calcium	3070	mg/kg	132	06/11/10 08:50	
EPA 6010B	Chromium	14.4	mg/kg	0.33	06/11/10 08:50	
EPA 6010B	Cobalt	10.4	mg/kg	0.66	06/11/10 08:50	
EPA 6010B	Copper	15.7	mg/kg	0.66	06/11/10 08:50	
EPA 6010B	Iron	22500	mg/kg	6.6	06/11/10 08:50	
EPA 6010B	Lead	22.2	mg/kg	0.33	06/11/10 08:50	
EPA 6010B	Magnesium	3750	mg/kg	32.9	06/11/10 08:50	
EPA 6010B	Manganese	689	mg/kg	0.66	06/11/10 08:50	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443023	**G-7-P6B**					
EPA 6010B	Nickel	19.1	mg/kg	1.3	06/11/10 08:50	
EPA 6010B	Potassium	1670	mg/kg	32.9	06/11/10 08:50	
EPA 6010B	Silver	0.82	mg/kg	0.13	06/11/10 08:50	
EPA 6010B	Vanadium	15.5	mg/kg	0.66	06/11/10 08:50	
EPA 6010B	Zinc	60.7	mg/kg	0.66	06/11/10 08:50	
EPA 8260	Acetone	70.7	ug/kg	8.2	06/08/10 06:18	
EPA 8260	Carbon disulfide	12.8	ug/kg	4.1	06/08/10 06:18	
EPA 8260	Tetrachloroethene	85.0	ug/kg	4.1	06/08/10 06:18	
ASTM D2974-87	Percent Moisture	9.5	%	0.10	06/10/10 13:44	
EPA 350.1	Nitrogen, Ammonia	6.8	mg/kg	4.9	06/08/10 16:51	
3028443024	**G-7-P6B(ASTM)**					
SM 4500-Cl-E	Chloride	5.8	mg/L	3.0	06/07/10 16:51	
3028443025	**G-7-P7B**					
EPA 6010B	Aluminum	14700	mg/kg	8.3	06/11/10 08:53	
EPA 6010B	Antimony	0.63	mg/kg	0.41	06/11/10 08:53	
EPA 6010B	Arsenic	12.9	mg/kg	0.41	06/11/10 08:53	
EPA 6010B	Barium	144	mg/kg	1.7	06/11/10 08:53	
EPA 6010B	Beryllium	0.81	mg/kg	0.17	06/11/10 08:53	
EPA 6010B	Boron	8.2	mg/kg	4.1	06/11/10 08:53	
EPA 6010B	Cadmium	0.43	mg/kg	0.17	06/11/10 08:53	
EPA 6010B	Calcium	1420	mg/kg	166	06/11/10 08:53	
EPA 6010B	Chromium	16.0	mg/kg	0.41	06/11/10 08:53	
EPA 6010B	Cobalt	12.5	mg/kg	0.83	06/11/10 08:53	
EPA 6010B	Copper	16.7	mg/kg	0.83	06/11/10 08:53	
EPA 6010B	Iron	28200	mg/kg	8.3	06/11/10 08:53	
EPA 6010B	Lead	13.0	mg/kg	0.41	06/11/10 08:53	
EPA 6010B	Magnesium	4440	mg/kg	41.4	06/11/10 08:53	
EPA 6010B	Manganese	918	mg/kg	0.83	06/11/10 08:53	
EPA 6010B	Nickel	23.8	mg/kg	1.7	06/11/10 08:53	
EPA 6010B	Potassium	1850	mg/kg	41.4	06/11/10 08:53	
EPA 6010B	Silver	1.1	mg/kg	0.17	06/11/10 08:53	
EPA 6010B	Vanadium	17.2	mg/kg	0.83	06/11/10 08:53	
EPA 6010B	Zinc	70.8	mg/kg	0.83	06/11/10 08:53	
EPA 8260	Acetone	34.3	ug/kg	9.4	06/08/10 06:42	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/10/10 13:45	
EPA 350.1	Nitrogen, Ammonia	8.0	mg/kg	5.3	06/08/10 16:52	
3028443026	**G-7-P7B(ASTM)**					
SM 5540C	Surfactants	0.18	mg/L	0.10	06/07/10 11:13	3c
3028443027	**G-7-P7A**					
EPA 6010B	Aluminum	14200	mg/kg	7.6	06/11/10 08:56	
EPA 6010B	Arsenic	15.8	mg/kg	0.38	06/11/10 08:56	
EPA 6010B	Barium	173	mg/kg	1.5	06/11/10 08:56	
EPA 6010B	Beryllium	0.76	mg/kg	0.15	06/11/10 08:56	
EPA 6010B	Boron	7.9	mg/kg	3.8	06/11/10 08:56	
EPA 6010B	Cadmium	0.62	mg/kg	0.15	06/11/10 08:56	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443027	**G-7-P7A**					
EPA 6010B	Calcium	1480	mg/kg	152	06/11/10 08:56	
EPA 6010B	Chromium	15.4	mg/kg	0.38	06/11/10 08:56	
EPA 6010B	Cobalt	13.2	mg/kg	0.76	06/11/10 08:56	
EPA 6010B	Copper	17.3	mg/kg	0.76	06/11/10 08:56	
EPA 6010B	Iron	27200	mg/kg	7.6	06/11/10 08:56	
EPA 6010B	Lead	15.4	mg/kg	0.38	06/11/10 08:56	
EPA 6010B	Magnesium	4420	mg/kg	38.0	06/11/10 08:56	
EPA 6010B	Manganese	1120	mg/kg	0.76	06/11/10 08:56	
EPA 6010B	Nickel	24.7	mg/kg	1.5	06/11/10 08:56	
EPA 6010B	Potassium	1850	mg/kg	38.0	06/11/10 08:56	
EPA 6010B	Silver	1.0	mg/kg	0.15	06/11/10 08:56	
EPA 6010B	Vanadium	16.1	mg/kg	0.76	06/11/10 08:56	
EPA 6010B	Zinc	72.2	mg/kg	0.76	06/11/10 08:56	
EPA 8260	Acetone	20.4	ug/kg	9.7	06/08/10 07:07	
ASTM D2974-87	Percent Moisture	8.7	%	0.10	06/10/10 13:45	
EPA 350.1	Nitrogen, Ammonia	5.3	mg/kg	4.8	06/08/10 16:55	
3028443029	**G-7-P8A**					
EPA 6010B	Aluminum	11100	mg/kg	7.5	06/11/10 08:59	
EPA 6010B	Antimony	0.47	mg/kg	0.38	06/11/10 08:59	
EPA 6010B	Arsenic	26.3	mg/kg	0.38	06/11/10 08:59	
EPA 6010B	Barium	139	mg/kg	1.5	06/11/10 08:59	
EPA 6010B	Beryllium	0.90	mg/kg	0.15	06/11/10 08:59	
EPA 6010B	Boron	8.3	mg/kg	3.8	06/11/10 08:59	
EPA 6010B	Cadmium	0.61	mg/kg	0.15	06/11/10 08:59	
EPA 6010B	Calcium	1890	mg/kg	150	06/11/10 08:59	
EPA 6010B	Chromium	15.2	mg/kg	0.38	06/11/10 08:59	
EPA 6010B	Cobalt	10.3	mg/kg	0.75	06/11/10 08:59	
EPA 6010B	Copper	23.1	mg/kg	0.75	06/11/10 08:59	
EPA 6010B	Iron	31500	mg/kg	7.5	06/11/10 08:59	
EPA 6010B	Lead	216	mg/kg	0.38	06/11/10 08:59	
EPA 6010B	Magnesium	3250	mg/kg	37.6	06/11/10 08:59	
EPA 6010B	Manganese	723	mg/kg	0.75	06/11/10 08:59	
EPA 6010B	Nickel	19.3	mg/kg	1.5	06/11/10 08:59	
EPA 6010B	Potassium	1700	mg/kg	37.6	06/11/10 08:59	
EPA 6010B	Silver	1.2	mg/kg	0.15	06/11/10 08:59	
EPA 6010B	Vanadium	29.9	mg/kg	0.75	06/11/10 08:59	
EPA 6010B	Zinc	68.4	mg/kg	0.75	06/11/10 08:59	
EPA 8260	Acetone	14.8	ug/kg	10.3	06/08/10 07:31	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	06/10/10 12:19	
EPA 350.1	Nitrogen, Ammonia	5.7	mg/kg	4.9	06/08/10 16:56	
3028443031	**G-7-P9A**					
EPA 6010B	Aluminum	13400	mg/kg	9.6	06/11/10 09:02	
EPA 6010B	Arsenic	42.6	mg/kg	0.48	06/11/10 09:02	
EPA 6010B	Barium	198	mg/kg	1.9	06/11/10 09:02	
EPA 6010B	Beryllium	0.83	mg/kg	0.19	06/11/10 09:02	
EPA 6010B	Boron	8.4	mg/kg	4.8	06/11/10 09:02	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443031	**G-7-P9A**					
EPA 6010B	Cadmium	0.49	mg/kg	0.19	06/11/10 09:02	
EPA 6010B	Calcium	3880	mg/kg	192	06/11/10 09:02	
EPA 6010B	Chromium	15.7	mg/kg	0.48	06/11/10 09:02	
EPA 6010B	Cobalt	17.0	mg/kg	0.96	06/11/10 09:02	
EPA 6010B	Copper	21.4	mg/kg	0.96	06/11/10 09:02	
EPA 6010B	Iron	27200	mg/kg	9.6	06/11/10 09:02	
EPA 6010B	Lead	58.0	mg/kg	0.48	06/11/10 09:02	
EPA 6010B	Magnesium	5300	mg/kg	48.1	06/11/10 09:02	
EPA 6010B	Manganese	1580	mg/kg	0.96	06/11/10 09:02	
EPA 6010B	Nickel	26.8	mg/kg	1.9	06/11/10 09:02	
EPA 6010B	Potassium	1840	mg/kg	48.1	06/11/10 09:02	
EPA 6010B	Silver	1.1	mg/kg	0.19	06/11/10 09:02	
EPA 6010B	Vanadium	15.6	mg/kg	0.96	06/11/10 09:02	
EPA 6010B	Zinc	74.2	mg/kg	0.96	06/11/10 09:02	
EPA 8260	Acetone	137	ug/kg	8.4	06/08/10 08:26	
EPA 8260	Carbon disulfide	25.2	ug/kg	4.2	06/08/10 08:26	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	06/10/10 12:20	
EPA 350.1	Nitrogen, Ammonia	14.8	mg/kg	4.5	06/08/10 16:57	
3028443032	**G-7-P9A(ASTM)**					
SM 4500-Cl-E	Chloride	3.3	mg/L	3.0	06/07/10 16:56	
3028443033	**G-7-P10A**					
EPA 6010B	Aluminum	14800	mg/kg	7.3	06/11/10 09:05	
EPA 6010B	Arsenic	11.6	mg/kg	0.37	06/11/10 09:05	
EPA 6010B	Barium	141	mg/kg	1.5	06/11/10 09:05	
EPA 6010B	Beryllium	0.90	mg/kg	0.15	06/11/10 09:05	
EPA 6010B	Boron	7.4	mg/kg	3.7	06/11/10 09:05	
EPA 6010B	Cadmium	0.44	mg/kg	0.15	06/11/10 09:05	
EPA 6010B	Calcium	1060	mg/kg	146	06/11/10 09:05	
EPA 6010B	Chromium	16.4	mg/kg	0.37	06/11/10 09:05	
EPA 6010B	Cobalt	12.6	mg/kg	0.73	06/11/10 09:05	
EPA 6010B	Copper	18.1	mg/kg	0.73	06/11/10 09:05	
EPA 6010B	Iron	27200	mg/kg	7.3	06/11/10 09:05	
EPA 6010B	Lead	12.8	mg/kg	0.37	06/11/10 09:05	
EPA 6010B	Magnesium	4630	mg/kg	36.6	06/11/10 09:05	
EPA 6010B	Manganese	804	mg/kg	0.73	06/11/10 09:05	
EPA 6010B	Nickel	24.2	mg/kg	1.5	06/11/10 09:05	
EPA 6010B	Potassium	1930	mg/kg	36.6	06/11/10 09:05	
EPA 6010B	Silver	0.84	mg/kg	0.15	06/11/10 09:05	
EPA 6010B	Vanadium	16.1	mg/kg	0.73	06/11/10 09:05	
EPA 6010B	Zinc	69.5	mg/kg	0.73	06/11/10 09:05	
EPA 8260	Acetone	28.3	ug/kg	9.2	06/08/10 08:50	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	06/10/10 12:21	
3028443035	**G-7-P10B**					
EPA 6010B	Aluminum	13600	mg/kg	6.9	06/11/10 09:08	
EPA 6010B	Arsenic	12.0	mg/kg	0.34	06/11/10 09:08	
EPA 6010B	Barium	215	mg/kg	1.4	06/11/10 09:08	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443035	**G-7-P10B**					
EPA 6010B	Beryllium	0.70	mg/kg	0.14	06/11/10 09:08	
EPA 6010B	Boron	6.8	mg/kg	3.4	06/11/10 09:08	
EPA 6010B	Cadmium	0.36	mg/kg	0.14	06/11/10 09:08	
EPA 6010B	Calcium	1610	mg/kg	138	06/11/10 09:08	
EPA 6010B	Chromium	14.9	mg/kg	0.34	06/11/10 09:08	
EPA 6010B	Cobalt	12.1	mg/kg	0.69	06/11/10 09:08	
EPA 6010B	Copper	17.6	mg/kg	0.69	06/11/10 09:08	
EPA 6010B	Iron	24900	mg/kg	6.9	06/11/10 09:08	
EPA 6010B	Lead	13.6	mg/kg	0.34	06/11/10 09:08	
EPA 6010B	Magnesium	4090	mg/kg	34.5	06/11/10 09:08	
EPA 6010B	Manganese	665	mg/kg	0.69	06/11/10 09:08	
EPA 6010B	Nickel	21.2	mg/kg	1.4	06/11/10 09:08	
EPA 6010B	Potassium	1710	mg/kg	34.5	06/11/10 09:08	
EPA 6010B	Silver	0.78	mg/kg	0.14	06/11/10 09:08	
EPA 6010B	Vanadium	15.9	mg/kg	0.69	06/11/10 09:08	
EPA 6010B	Zinc	70.1	mg/kg	0.69	06/11/10 09:08	
EPA 8260	Acetone	21.6	ug/kg	10.8	06/08/10 09:14	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	06/10/10 12:22	
3028443037	**G-7-P9B**					
EPA 6010B	Aluminum	10400	mg/kg	6.4	06/11/10 09:11	
EPA 6010B	Arsenic	27.5	mg/kg	0.32	06/11/10 09:11	
EPA 6010B	Barium	427	mg/kg	1.3	06/11/10 09:11	
EPA 6010B	Beryllium	0.57	mg/kg	0.13	06/11/10 09:11	
EPA 6010B	Boron	5.8	mg/kg	3.2	06/11/10 09:11	
EPA 6010B	Cadmium	0.36	mg/kg	0.13	06/11/10 09:11	
EPA 6010B	Calcium	5160	mg/kg	129	06/11/10 09:11	
EPA 6010B	Chromium	12.9	mg/kg	0.32	06/11/10 09:11	
EPA 6010B	Cobalt	13.0	mg/kg	0.64	06/11/10 09:11	
EPA 6010B	Copper	12.9	mg/kg	0.64	06/11/10 09:11	
EPA 6010B	Iron	21900	mg/kg	6.4	06/11/10 09:11	
EPA 6010B	Lead	35.7	mg/kg	0.32	06/11/10 09:11	
EPA 6010B	Magnesium	4570	mg/kg	32.2	06/11/10 09:11	
EPA 6010B	Manganese	910	mg/kg	0.64	06/11/10 09:11	
EPA 6010B	Nickel	20.8	mg/kg	1.3	06/11/10 09:11	
EPA 6010B	Potassium	1300	mg/kg	32.2	06/11/10 09:11	
EPA 6010B	Silver	0.73	mg/kg	0.13	06/11/10 09:11	
EPA 6010B	Vanadium	11.9	mg/kg	0.64	06/11/10 09:11	
EPA 6010B	Zinc	57.9	mg/kg	0.64	06/11/10 09:11	
EPA 8260	Acetone	127	ug/kg	8.1	06/08/10 09:38	
EPA 8260	Carbon disulfide	32.7	ug/kg	4.1	06/08/10 09:38	
ASTM D2974-87	Percent Moisture	9.7	%	0.10	06/10/10 12:23	
EPA 350.1	Nitrogen, Ammonia	14.7	mg/kg	4.9	06/08/10 17:01	
3028443038	**G-7-P9B(ASTM)**					
SM 4500-Cl-E	Chloride	3.5	mg/L	3.0	06/07/10 16:58	
3028443039	**G-7-P11A**					
EPA 6010B	Aluminum	14500	mg/kg	7.8	06/11/10 09:14	

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Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443039	**G-7-P11A**					
EPA 6010B	Arsenic	14.5	mg/kg	0.39	06/11/10 09:14	
EPA 6010B	Barium	164	mg/kg	1.6	06/11/10 09:14	
EPA 6010B	Beryllium	0.71	mg/kg	0.16	06/11/10 09:14	
EPA 6010B	Boron	7.3	mg/kg	3.9	06/11/10 09:14	
EPA 6010B	Cadmium	0.41	mg/kg	0.16	06/11/10 09:14	
EPA 6010B	Calcium	1770	mg/kg	156	06/11/10 09:14	
EPA 6010B	Chromium	16.1	mg/kg	0.39	06/11/10 09:14	
EPA 6010B	Cobalt	12.3	mg/kg	0.78	06/11/10 09:14	
EPA 6010B	Copper	14.5	mg/kg	0.78	06/11/10 09:14	
EPA 6010B	Iron	28300	mg/kg	7.8	06/11/10 09:14	
EPA 6010B	Lead	13.4	mg/kg	0.39	06/11/10 09:14	
EPA 6010B	Magnesium	4620	mg/kg	39.1	06/11/10 09:14	
EPA 6010B	Manganese	978	mg/kg	0.78	06/11/10 09:14	
EPA 6010B	Nickel	25.6	mg/kg	1.6	06/11/10 09:14	
EPA 6010B	Potassium	1600	mg/kg	39.1	06/11/10 09:14	
EPA 6010B	Silver	0.94	mg/kg	0.16	06/11/10 09:14	
EPA 6010B	Vanadium	16.9	mg/kg	0.78	06/11/10 09:14	
EPA 6010B	Zinc	70.6	mg/kg	0.78	06/11/10 09:14	
EPA 8260	Acetone	94.1	ug/kg	10.8	06/08/10 10:03	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/10/10 12:24	
EPA 350.1	Nitrogen, Ammonia	5.5	mg/kg	5.4	06/09/10 16:45	
3028443041	**G-7-P11B**					
EPA 6010B	Aluminum	13600	mg/kg	6.4	06/11/10 09:17	
EPA 6010B	Arsenic	19.9	mg/kg	0.32	06/11/10 09:17	
EPA 6010B	Barium	126	mg/kg	1.3	06/11/10 09:17	
EPA 6010B	Beryllium	0.76	mg/kg	0.13	06/11/10 09:17	
EPA 6010B	Boron	6.0	mg/kg	3.2	06/11/10 09:17	
EPA 6010B	Cadmium	0.37	mg/kg	0.13	06/11/10 09:17	
EPA 6010B	Calcium	1970	mg/kg	129	06/11/10 09:17	
EPA 6010B	Chromium	14.4	mg/kg	0.32	06/11/10 09:17	
EPA 6010B	Cobalt	11.9	mg/kg	0.64	06/11/10 09:17	
EPA 6010B	Copper	17.8	mg/kg	0.64	06/11/10 09:17	
EPA 6010B	Iron	25700	mg/kg	6.4	06/11/10 09:17	
EPA 6010B	Lead	19.0	mg/kg	0.32	06/11/10 09:17	
EPA 6010B	Magnesium	4030	mg/kg	32.1	06/11/10 09:17	
EPA 6010B	Manganese	772	mg/kg	0.64	06/11/10 09:17	
EPA 6010B	Nickel	22.7	mg/kg	1.3	06/11/10 09:17	
EPA 6010B	Potassium	1780	mg/kg	32.1	06/11/10 09:17	
EPA 6010B	Silver	0.58	mg/kg	0.13	06/11/10 09:17	
EPA 6010B	Vanadium	15.3	mg/kg	0.64	06/11/10 09:17	
EPA 6010B	Zinc	67.3	mg/kg	0.64	06/11/10 09:17	
EPA 8260	Acetone	15.0	ug/kg	8.8	06/09/10 14:21	
ASTM D2974-87	Percent Moisture	9.5	%	0.10	06/10/10 13:46	
3028443043	**G-7-P11C**					
EPA 6010B	Aluminum	13600	mg/kg	7.1	06/11/10 10:54	
EPA 6010B	Arsenic	14.5	mg/kg	0.35	06/11/10 10:54	

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HITS ONLY

Project: KLG
Pace Project No.: 3028443

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443043	**G-7-P11C**					
EPA 6010B	Barium	117	mg/kg	1.4	06/11/10 10:54	
EPA 6010B	Beryllium	0.75	mg/kg	0.14	06/11/10 10:54	
EPA 6010B	Boron	7.4	mg/kg	3.5	06/11/10 10:54	
EPA 6010B	Cadmium	0.46	mg/kg	0.14	06/11/10 10:54	
EPA 6010B	Calcium	2040	mg/kg	142	06/11/10 10:54	
EPA 6010B	Chromium	15.7	mg/kg	0.35	06/11/10 10:54	
EPA 6010B	Cobalt	11.7	mg/kg	0.71	06/11/10 10:54	
EPA 6010B	Copper	17.4	mg/kg	0.71	06/11/10 10:54	
EPA 6010B	Iron	27800	mg/kg	7.1	06/11/10 10:54	
EPA 6010B	Lead	13.3	mg/kg	0.35	06/11/10 10:54	
EPA 6010B	Magnesium	4400	mg/kg	35.5	06/11/10 10:54	
EPA 6010B	Manganese	623	mg/kg	0.71	06/11/10 10:54	
EPA 6010B	Nickel	22.8	mg/kg	1.4	06/11/10 10:54	
EPA 6010B	Potassium	1720	mg/kg	35.5	06/11/10 10:54	
EPA 6010B	Silver	0.93	mg/kg	0.14	06/11/10 10:54	
EPA 6010B	Vanadium	15.8	mg/kg	0.71	06/11/10 10:54	
EPA 6010B	Zinc	72.2	mg/kg	0.71	06/11/10 10:54	
EPA 8260	Acetone	31.2	ug/kg	15.9	06/09/10 14:45	
ASTM D2974-87	Percent Moisture	10.8	%	0.10	06/10/10 13:47	
3028443045	**G-7-P8B**					
EPA 6010B	Aluminum	16600	mg/kg	7.9	06/11/10 10:57	
EPA 6010B	Antimony	0.69	mg/kg	0.40	06/11/10 10:57	
EPA 6010B	Arsenic	9.1	mg/kg	0.40	06/11/10 10:57	
EPA 6010B	Barium	160	mg/kg	1.6	06/11/10 10:57	
EPA 6010B	Beryllium	0.81	mg/kg	0.16	06/11/10 10:57	
EPA 6010B	Boron	7.7	mg/kg	4.0	06/11/10 10:57	
EPA 6010B	Cadmium	0.48	mg/kg	0.16	06/11/10 10:57	
EPA 6010B	Calcium	1110	mg/kg	159	06/11/10 10:57	
EPA 6010B	Chromium	17.1	mg/kg	0.40	06/11/10 10:57	
EPA 6010B	Cobalt	13.0	mg/kg	0.79	06/11/10 10:57	
EPA 6010B	Copper	18.2	mg/kg	0.79	06/11/10 10:57	
EPA 6010B	Iron	26900	mg/kg	7.9	06/11/10 10:57	
EPA 6010B	Lead	12.3	mg/kg	0.40	06/11/10 10:57	
EPA 6010B	Magnesium	4470	mg/kg	39.7	06/11/10 10:57	
EPA 6010B	Manganese	1360	mg/kg	0.79	06/11/10 10:57	
EPA 6010B	Nickel	24.7	mg/kg	1.6	06/11/10 10:57	
EPA 6010B	Potassium	1930	mg/kg	39.7	06/11/10 10:57	
EPA 6010B	Silver	1.0	mg/kg	0.16	06/11/10 10:57	
EPA 6010B	Vanadium	17.5	mg/kg	0.79	06/11/10 10:57	
EPA 6010B	Zinc	72.6	mg/kg	0.79	06/11/10 10:57	
EPA 8260	Acetone	35.5	ug/kg	9.2	06/09/10 15:09	
ASTM D2974-87	Percent Moisture	12.6	%	0.10	06/10/10 13:48	
EPA 350.1	Nitrogen, Ammonia	9.5	mg/kg	5.3	06/09/10 16:48	
3028443047	**G-7-P12A**					
EPA 6010B	Aluminum	17900	mg/kg	9.7	06/11/10 10:59	
EPA 6010B	Arsenic	11.3	mg/kg	0.48	06/11/10 10:59	

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HITS ONLY

Project: KLG
Pace Project No.: 3028443

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028443047	**G-7-P12A**					
EPA 6010B	Barium	176	mg/kg	1.9	06/11/10 10:59	
EPA 6010B	Beryllium	0.78	mg/kg	0.19	06/11/10 10:59	
EPA 6010B	Boron	7.8	mg/kg	4.8	06/11/10 10:59	
EPA 6010B	Cadmium	0.47	mg/kg	0.19	06/11/10 10:59	
EPA 6010B	Calcium	1630	mg/kg	194	06/11/10 10:59	
EPA 6010B	Chromium	17.8	mg/kg	0.48	06/11/10 10:59	
EPA 6010B	Cobalt	12.0	mg/kg	0.97	06/11/10 10:59	
EPA 6010B	Copper	17.3	mg/kg	0.97	06/11/10 10:59	
EPA 6010B	Iron	25300	mg/kg	9.7	06/11/10 10:59	
EPA 6010B	Lead	16.6	mg/kg	0.48	06/11/10 10:59	
EPA 6010B	Magnesium	4370	mg/kg	48.5	06/11/10 10:59	
EPA 6010B	Manganese	1450	mg/kg	0.97	06/11/10 10:59	
EPA 6010B	Nickel	24.4	mg/kg	1.9	06/11/10 10:59	
EPA 6010B	Potassium	1940	mg/kg	48.5	06/11/10 10:59	
EPA 6010B	Silver	0.87	mg/kg	0.19	06/11/10 10:59	
EPA 6010B	Vanadium	19.7	mg/kg	0.97	06/11/10 10:59	
EPA 6010B	Zinc	75.2	mg/kg	0.97	06/11/10 10:59	
EPA 8260	Acetone	30.2	ug/kg	9.9	06/09/10 15:33	
ASTM D2974-87	Percent Moisture	9.5	%	0.10	06/10/10 13:48	
EPA 350.1	Nitrogen, Ammonia	8.8	mg/kg	5.2	06/09/10 16:49	

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CABOT-EPA 004884

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3951

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366025

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 176687)
  - Aluminum
  - Antimony
  - Calcium
  - Iron
  - Magnesium
  - Manganese
  - Potassium

QC Batch: MPRP/3952

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028443011

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176691)
  - Aluminum
  - Antimony
  - Calcium
  - Iron

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

QC Batch: MPRP/3952

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028443011

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Magnesium
- Manganese
- Potassium
- Selenium

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3951

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 176686)
  - Calcium

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: EPA 7471
Description: 7471 Mercury
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 8270**
Description: 8270 MSSV FULL LIST MICROWAVE
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: EPA 8260
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/6092

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 179571)
  - 1,1-Dichloroethene
  - 1,2-Dichloroethane
  - Bromodichloromethane
  - Bromoform
  - Carbon tetrachloride
  - Chloromethane
  - Dibromochloromethane
  - Methylene Chloride
  - trans-1,3-Dichloropropene

QC Batch: MSV/6125

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 180290)
  - 1,1-Dichloroethene
  - Acetone

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 8260**
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 14, 2010

QC Batch: MSV/6092

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6125

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6008

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028288023

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176859)
  - Bromoform
  - Carbon disulfide
  - Chloroethane
  - n-Propylbenzene
  - trans-1,3-Dichloropropene
- MSD (Lab ID: 176860)
  - Chloroethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 176860)
  - Bromomethane
  - Carbon disulfide

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 14, 2010

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: SM 5540C
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WET/5819

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028753003

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 178328)
  - Surfactants

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

Analyte Comments:

QC Batch: WET/5819

4c: Samples were tumbled on 6/1/2010 and analyzed within 48 hours.

- DUP (Lab ID: 178327)
  - Surfactants
- G-7-P1A(ASTM) (Lab ID: 3028443002)
  - Surfactants
- G-7-P1B(ASTM) (Lab ID: 3028443004)
  - Surfactants
- G-7-P2A(ASTM) (Lab ID: 3028443006)
  - Surfactants
- G-7-P2B(ASTM) (Lab ID: 3028443008)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

Analyte Comments:

QC Batch: WET/5819

4c: Samples were tumbled on 6/1/2010 and analyzed within 48 hours.

- G-7-P3A(ASTM) (Lab ID: 3028443010)
  - Surfactants
- MS (Lab ID: 178328)
  - Surfactants

QC Batch: WET/5850

3c: Samples tumbled on 6/6/2010 and analyzed within 48 hours.

- G-7-P10A(ASTM) (Lab ID: 3028443034)
  - Surfactants
- G-7-P10B(ASTM) (Lab ID: 3028443036)
  - Surfactants
- G-7-P11A(ASTM) (Lab ID: 3028443040)
  - Surfactants
- G-7-P11B(ASTM) (Lab ID: 3028443042)
  - Surfactants
- G-7-P11C(ASTM) (Lab ID: 3028443044)
  - Surfactants
- G-7-P12A(ASTM) (Lab ID: 3028443048)
  - Surfactants
- G-7-P3B(ASTM) (Lab ID: 3028443012)
  - Surfactants
- G-7-P4A(ASTM) (Lab ID: 3028443014)
  - Surfactants
- G-7-P4B(ASTM) (Lab ID: 3028443016)
  - Surfactants
- G-7-P5A(ASTM) (Lab ID: 3028443018)
  - Surfactants
- G-7-P5B(ASTM) (Lab ID: 3028443020)
  - Surfactants
- G-7-P6A(ASTM) (Lab ID: 3028443022)
  - Surfactants
- G-7-P6B(ASTM) (Lab ID: 3028443024)
  - Surfactants
- G-7-P7A(ASTM) (Lab ID: 3028443028)
  - Surfactants
- G-7-P7B(ASTM) (Lab ID: 3028443026)
  - Surfactants
- G-7-P8A(ASTM) (Lab ID: 3028443030)
  - Surfactants
- G-7-P8B(ASTM) (Lab ID: 3028443046)
  - Surfactants
- G-7-P9A(ASTM) (Lab ID: 3028443032)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

Analyte Comments:

QC Batch: WET/5850

3c: Samples tumbled on 6/6/2010 and analyzed within 48 hours.

- G-7-P9B(ASTM) (Lab ID: 3028443038)
  - Surfactants
- MS (Lab ID: 179453)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: EPA 350.1
Description: 350.1 Ammonia
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028443

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
24 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4420

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028443012

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 179351)
  - Chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

Cooler temperature 8.4° C upon receipt. Ice was present.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

Analyte Comments:

QC Batch: WETA/4420

1c: ASTM BLANK

- BLANK (Lab ID: 179349)
  - Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1A **Lab ID: 3028443001** Collected: 05/26/10 09:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12200**	mg/kg	9.9	1	05/30/10 16:09	06/10/10 10:30	7429-90-5	
Antimony	ND	mg/kg	0.49	1	05/30/10 16:09	06/10/10 13:36	7440-36-0	
Arsenic	**23.5**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:30	7440-38-2	
Barium	**1840**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:30	7440-39-3	
Beryllium	**0.67**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:30	7440-41-7	
Boron	**8.7**	mg/kg	4.9	1	05/30/10 16:09	06/10/10 10:30	7440-42-8	
Cadmium	**0.48**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 10:30	7440-43-9	
Calcium	**4510**	mg/kg	198	1	05/30/10 16:09	06/10/10 10:30	7440-70-2	
Chromium	**14.6**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:30	7440-47-3	
Cobalt	**14.3**	mg/kg	0.99	1	05/30/10 16:09	06/10/10 10:30	7440-48-4	
Copper	**19.2**	mg/kg	0.99	1	05/30/10 16:09	06/10/10 10:30	7440-50-8	
Iron	**24600**	mg/kg	9.9	1	05/30/10 16:09	06/10/10 10:30	7439-89-6	
Lead	**38.5**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:30	7439-92-1	
Magnesium	**4720**	mg/kg	49.4	1	05/30/10 16:09	06/10/10 10:30	7439-95-4	
Manganese	**1000**	mg/kg	0.99	1	05/30/10 16:09	06/10/10 10:30	7439-96-5	
Molybdenum	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:30	7439-98-7	
Nickel	**22.3**	mg/kg	2.0	1	05/30/10 16:09	06/10/10 10:30	7440-02-0	
Potassium	**1880**	mg/kg	49.4	1	05/30/10 16:09	06/10/10 10:30	7440-09-7	
Selenium	**0.65**	mg/kg	0.49	1	05/30/10 16:09	06/10/10 10:30	7782-49-2	
Silver	**0.34**	mg/kg	0.20	1	05/30/10 16:09	06/10/10 13:36	7440-22-4	
Sodium	ND	mg/kg	494	1	05/30/10 16:09	06/10/10 10:30	7440-23-5	
Thallium	ND	mg/kg	2.0	1	05/30/10 16:09	06/10/10 13:36	7440-28-0	
Vanadium	**13.8**	mg/kg	0.99	1	05/30/10 16:09	06/10/10 10:30	7440-62-2	
Zinc	**62.0**	mg/kg	0.99	1	05/30/10 16:09	06/10/10 10:30	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:31	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	83-32-9	
Acenaphthylene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	208-96-8	
Anthracene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	207-08-9	
Benzyl alcohol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	101-55-3	
Butylbenzylphthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	59-50-7	
4-Chloroaniline	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1A **Lab ID: 3028443001** Collected: 05/26/10 09:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	91-58-7	
2-Chlorophenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	7005-72-3	
Chrysene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	53-70-3	
Dibenzofuran	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	120-83-2	
Diethylphthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	105-67-9	
Dimethylphthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	117-81-7	
Fluoranthene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	206-44-0	
Fluorene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	77-47-4	
Hexachloroethane	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	193-39-5	
Isophorone	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	78-59-1	
2-Methylnaphthalene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	791	1	06/04/10 16:41	06/07/10 15:55		
Naphthalene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	91-20-3	
2-Nitroaniline	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	88-74-4	
3-Nitroaniline	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	99-09-2	
4-Nitroaniline	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	100-01-6	
Nitrobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	98-95-3	
2-Nitrophenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	88-75-5	
4-Nitrophenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	86-30-6	
Pentachlorophenol	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	87-86-5	
Phenanthrene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	85-01-8	
Phenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	108-95-2	
Pyrene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1A **Lab ID: 3028443001** Collected: 05/26/10 09:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	989	1	06/04/10 16:41	06/07/10 15:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	395	1	06/04/10 16:41	06/07/10 15:55	88-06-2	
Nitrobenzene-d5 (S)	98	%	35-114	1	06/04/10 16:41	06/07/10 15:55	4165-60-0	
2-Fluorobiphenyl (S)	87	%	43-116	1	06/04/10 16:41	06/07/10 15:55	321-60-8	
Terphenyl-d14 (S)	107	%	33-141	1	06/04/10 16:41	06/07/10 15:55	1718-51-0	
Phenol-d6 (S)	79	%	10-110	1	06/04/10 16:41	06/07/10 15:55	13127-88-3	
2-Fluorophenol (S)	83	%	21-110	1	06/04/10 16:41	06/07/10 15:55	367-12-4	
2,4,6-Tribromophenol (S)	55	%	10-123	1	06/04/10 16:41	06/07/10 15:55	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**97.9**	ug/kg	9.2	1		06/08/10 01:53	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/08/10 01:53	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/08/10 01:53	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/08/10 01:53	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/08/10 01:53	74-83-9	
TOTAL BTEX	ND	ug/kg	27.6	1		06/08/10 01:53		
2-Butanone (MEK)	ND	ug/kg	9.2	1		06/08/10 01:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/08/10 01:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/08/10 01:53	135-98-8	
Carbon disulfide	**23.6**	ug/kg	4.6	1		06/08/10 01:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/08/10 01:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/08/10 01:53	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/08/10 01:53	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/08/10 01:53	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/08/10 01:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 01:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 01:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 01:53	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.2	1		06/08/10 01:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 01:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 01:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/08/10 01:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/08/10 01:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/08/10 01:53	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/08/10 01:53	100-41-4	
2-Hexanone	ND	ug/kg	9.2	1		06/08/10 01:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/08/10 01:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/08/10 01:53	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/08/10 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	1		06/08/10 01:53	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1A **Lab ID: 3028443001** Collected: 05/26/10 09:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/08/10 01:53	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/08/10 01:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/08/10 01:53	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/08/10 01:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/08/10 01:53	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/08/10 01:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/08/10 01:53	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/08/10 01:53	79-01-6	
1,2,4-Trimethylbenzene	**6.0**	ug/kg	4.6	1		06/08/10 01:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/08/10 01:53	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/08/10 01:53	75-01-4	
Xylene (Total)	ND	ug/kg	13.8	1		06/08/10 01:53	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		06/08/10 01:53	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/08/10 01:53	95-47-6	
Toluene-d8 (S)	97	%	70-130	1		06/08/10 01:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/08/10 01:53	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/08/10 01:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.0**	%	0.10	1		06/10/10 13:17		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**14.5**	mg/kg	5.5	1		06/08/10 16:12	7664-41-7	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1A(ASTM) **Lab ID: 3028443002** Collected: 05/26/10 09:00 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.3**	mg/L	3.0	1		06/04/10 15:12	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1B **Lab ID: 3028443003** Collected: 05/26/10 09:03 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13700**	mg/kg	7.3	1	05/30/10 16:09	06/10/10 10:50	7429-90-5	
Antimony	ND	mg/kg	0.36	1	05/30/10 16:09	06/10/10 13:53	7440-36-0	
Arsenic	**30.9**	mg/kg	0.36	1	05/30/10 16:09	06/10/10 10:50	7440-38-2	
Barium	**1430**	mg/kg	1.5	1	05/30/10 16:09	06/10/10 10:50	7440-39-3	
Beryllium	**0.76**	mg/kg	0.15	1	05/30/10 16:09	06/10/10 10:50	7440-41-7	
Boron	**8.5**	mg/kg	3.6	1	05/30/10 16:09	06/10/10 10:50	7440-42-8	
Cadmium	**0.51**	mg/kg	0.15	1	05/30/10 16:09	06/10/10 10:50	7440-43-9	
Calcium	**5520**	mg/kg	145	1	05/30/10 16:09	06/10/10 10:50	7440-70-2	
Chromium	**15.8**	mg/kg	0.36	1	05/30/10 16:09	06/10/10 10:50	7440-47-3	
Cobalt	**15.3**	mg/kg	0.73	1	05/30/10 16:09	06/10/10 10:50	7440-48-4	
Copper	**16.1**	mg/kg	0.73	1	05/30/10 16:09	06/10/10 10:50	7440-50-8	
Iron	**26900**	mg/kg	7.3	1	05/30/10 16:09	06/10/10 10:50	7439-89-6	
Lead	**35.8**	mg/kg	0.36	1	05/30/10 16:09	06/10/10 10:50	7439-92-1	
Magnesium	**4750**	mg/kg	36.3	1	05/30/10 16:09	06/10/10 10:50	7439-95-4	
Manganese	**1400**	mg/kg	0.73	1	05/30/10 16:09	06/10/10 10:50	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:09	06/10/10 10:50	7439-98-7	
Nickel	**24.2**	mg/kg	1.5	1	05/30/10 16:09	06/10/10 10:50	7440-02-0	
Potassium	**1920**	mg/kg	36.3	1	05/30/10 16:09	06/10/10 10:50	7440-09-7	
Selenium	ND	mg/kg	0.36	1	05/30/10 16:09	06/10/10 10:50	7782-49-2	
Silver	**0.30**	mg/kg	0.15	1	05/30/10 16:09	06/10/10 13:53	7440-22-4	
Sodium	ND	mg/kg	363	1	05/30/10 16:09	06/10/10 10:50	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:09	06/10/10 13:53	7440-28-0	
Vanadium	**15.4**	mg/kg	0.73	1	05/30/10 16:09	06/10/10 10:50	7440-62-2	
Zinc	**71.3**	mg/kg	0.73	1	05/30/10 16:09	06/10/10 10:50	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:33	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	208-96-8	
Anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	207-08-9	
Benzyl alcohol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	59-50-7	
4-Chloroaniline	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1B **Lab ID: 3028443003** Collected: 05/26/10 09:03 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	91-58-7	
2-Chlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	7005-72-3	
Chrysene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	120-83-2	
Diethylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	105-67-9	
Dimethylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	117-81-7	
Fluoranthene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	206-44-0	
Fluorene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	193-39-5	
Isophorone	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	78-59-1	
2-Methylnaphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	761	1	06/04/10 16:41	06/07/10 16:18		
Naphthalene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	91-20-3	
2-Nitroaniline	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	88-74-4	
3-Nitroaniline	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	99-09-2	
4-Nitroaniline	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	100-01-6	
Nitrobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	98-95-3	
2-Nitrophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	88-75-5	
4-Nitrophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	86-30-6	
Pentachlorophenol	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	87-86-5	
Phenanthrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	85-01-8	
Phenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	108-95-2	
Pyrene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1B **Lab ID: 3028443003** Collected: 05/26/10 09:03 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	952	1	06/04/10 16:41	06/07/10 16:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	06/04/10 16:41	06/07/10 16:18	88-06-2	
Nitrobenzene-d5 (S)	111	%	35-114	1	06/04/10 16:41	06/07/10 16:18	4165-60-0	
2-Fluorobiphenyl (S)	95	%	43-116	1	06/04/10 16:41	06/07/10 16:18	321-60-8	
Terphenyl-d14 (S)	119	%	33-141	1	06/04/10 16:41	06/07/10 16:18	1718-51-0	
Phenol-d6 (S)	88	%	10-110	1	06/04/10 16:41	06/07/10 16:18	13127-88-3	
2-Fluorophenol (S)	93	%	21-110	1	06/04/10 16:41	06/07/10 16:18	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/04/10 16:41	06/07/10 16:18	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**100**	ug/kg	10.4	1		06/08/10 02:17	67-64-1	
Benzene	ND	ug/kg	5.2	1		06/08/10 02:17	71-43-2	
Bromodichloromethane	ND	ug/kg	5.2	1		06/08/10 02:17	75-27-4	
Bromoform	ND	ug/kg	5.2	1		06/08/10 02:17	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		06/08/10 02:17	74-83-9	
TOTAL BTEX	ND	ug/kg	31.1	1		06/08/10 02:17		
2-Butanone (MEK)	ND	ug/kg	10.4	1		06/08/10 02:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	135-98-8	
Carbon disulfide	**16.8**	ug/kg	5.2	1		06/08/10 02:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		06/08/10 02:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:17	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	75-00-3	
Chloroform	ND	ug/kg	5.2	1		06/08/10 02:17	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		06/08/10 02:17	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	1		06/08/10 02:17	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:17	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.4	1		06/08/10 02:17	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		06/08/10 02:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/08/10 02:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/08/10 02:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	100-41-4	
2-Hexanone	ND	ug/kg	10.4	1		06/08/10 02:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		06/08/10 02:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		06/08/10 02:17	99-87-6	
Methylene Chloride	ND	ug/kg	5.2	1		06/08/10 02:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.4	1		06/08/10 02:17	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1B **Lab ID: 3028443003** Collected: 05/26/10 09:03 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		06/08/10 02:17	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		06/08/10 02:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	103-65-1	
Styrene	ND	ug/kg	5.2	1		06/08/10 02:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		06/08/10 02:17	127-18-4	
Toluene	ND	ug/kg	5.2	1		06/08/10 02:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		06/08/10 02:17	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		06/08/10 02:17	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:17	108-67-8	
Vinyl chloride	ND	ug/kg	5.2	1		06/08/10 02:17	75-01-4	
Xylene (Total)	ND	ug/kg	15.6	1		06/08/10 02:17	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		06/08/10 02:17	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		06/08/10 02:17	95-47-6	
Toluene-d8 (S)	97	%	70-130	1		06/08/10 02:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/08/10 02:17	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		06/08/10 02:17	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.0**	%	0.10	1		06/10/10 13:19		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**15.9**	mg/kg	5.7	1		06/08/10 16:12	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P1B(ASTM) **Lab ID: 3028443004** Collected: 05/26/10 09:03 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	3.7	mg/L	3.0	1		06/04/10 15:14	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2A **Lab ID: 3028443005** Collected: 05/26/10 09:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14400**	mg/kg	6.8	1	05/30/10 16:09	06/10/10 10:53	7429-90-5	
Antimony	ND	mg/kg	0.34	1	05/30/10 16:09	06/10/10 13:58	7440-36-0	
Arsenic	**14.0**	mg/kg	0.34	1	05/30/10 16:09	06/10/10 10:53	7440-38-2	
Barium	**137**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:53	7440-39-3	
Beryllium	**0.78**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 10:53	7440-41-7	
Boron	**8.0**	mg/kg	3.4	1	05/30/10 16:09	06/10/10 10:53	7440-42-8	
Cadmium	**0.37**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 10:53	7440-43-9	
Calcium	**1760**	mg/kg	135	1	05/30/10 16:09	06/10/10 10:53	7440-70-2	
Chromium	**16.3**	mg/kg	0.34	1	05/30/10 16:09	06/10/10 10:53	7440-47-3	
Cobalt	**11.8**	mg/kg	0.68	1	05/30/10 16:09	06/10/10 10:53	7440-48-4	
Copper	**17.8**	mg/kg	0.68	1	05/30/10 16:09	06/10/10 10:53	7440-50-8	
Iron	**27500**	mg/kg	6.8	1	05/30/10 16:09	06/10/10 10:53	7439-89-6	
Lead	**14.4**	mg/kg	0.34	1	05/30/10 16:09	06/10/10 10:53	7439-92-1	
Magnesium	**4490**	mg/kg	33.8	1	05/30/10 16:09	06/10/10 10:53	7439-95-4	
Manganese	**804**	mg/kg	0.68	1	05/30/10 16:09	06/10/10 10:53	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:53	7439-98-7	
Nickel	**23.2**	mg/kg	1.4	1	05/30/10 16:09	06/10/10 10:53	7440-02-0	
Potassium	**1870**	mg/kg	33.8	1	05/30/10 16:09	06/10/10 10:53	7440-09-7	
Selenium	ND	mg/kg	0.34	1	05/30/10 16:09	06/10/10 10:53	7782-49-2	
Silver	**0.27**	mg/kg	0.14	1	05/30/10 16:09	06/10/10 13:58	7440-22-4	
Sodium	ND	mg/kg	338	1	05/30/10 16:09	06/10/10 10:53	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:09	06/10/10 13:58	7440-28-0	
Vanadium	**16.2**	mg/kg	0.68	1	05/30/10 16:09	06/10/10 10:53	7440-62-2	
Zinc	**70.6**	mg/kg	0.68	1	05/30/10 16:09	06/10/10 10:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:34	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	83-32-9	
Acenaphthylene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	208-96-8	
Anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	120-12-7	
Benzo(a)anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	207-08-9	
Benzyl alcohol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	101-55-3	
Butylbenzylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	59-50-7	
4-Chloroaniline	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2A **Lab ID: 3028443005** Collected: 05/26/10 09:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	91-58-7	
2-Chlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	7005-72-3	
Chrysene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	53-70-3	
Dibenzofuran	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	120-83-2	
Diethylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	105-67-9	
Dimethylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	117-81-7	
Fluoranthene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	206-44-0	
Fluorene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	77-47-4	
Hexachloroethane	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	193-39-5	
Isophorone	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	78-59-1	
2-Methylnaphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	740	1	06/04/10 16:41	06/07/10 16:40		
Naphthalene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	91-20-3	
2-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	88-74-4	
3-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	99-09-2	
4-Nitroaniline	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	100-01-6	
Nitrobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	98-95-3	
2-Nitrophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	88-75-5	
4-Nitrophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	86-30-6	
Pentachlorophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	87-86-5	
Phenanthrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	85-01-8	
Phenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	108-95-2	
Pyrene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2A **Lab ID: 3028443005** Collected: 05/26/10 09:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	925	1	06/04/10 16:41	06/07/10 16:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	1	06/04/10 16:41	06/07/10 16:40	88-06-2	
Nitrobenzene-d5 (S)	83	%	35-114	1	06/04/10 16:41	06/07/10 16:40	4165-60-0	
2-Fluorobiphenyl (S)	73	%	43-116	1	06/04/10 16:41	06/07/10 16:40	321-60-8	
Terphenyl-d14 (S)	102	%	33-141	1	06/04/10 16:41	06/07/10 16:40	1718-51-0	
Phenol-d6 (S)	68	%	10-110	1	06/04/10 16:41	06/07/10 16:40	13127-88-3	
2-Fluorophenol (S)	68	%	21-110	1	06/04/10 16:41	06/07/10 16:40	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/04/10 16:41	06/07/10 16:40	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**118**	ug/kg	10.4	1		06/08/10 02:41	67-64-1	
Benzene	ND	ug/kg	5.2	1		06/08/10 02:41	71-43-2	
Bromodichloromethane	ND	ug/kg	5.2	1		06/08/10 02:41	75-27-4	
Bromoform	ND	ug/kg	5.2	1		06/08/10 02:41	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		06/08/10 02:41	74-83-9	
TOTAL BTEX	ND	ug/kg	31.3	1		06/08/10 02:41		
2-Butanone (MEK)	ND	ug/kg	10.4	1		06/08/10 02:41	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	135-98-8	
Carbon disulfide	ND	ug/kg	5.2	1		06/08/10 02:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		06/08/10 02:41	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:41	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	75-00-3	
Chloroform	ND	ug/kg	5.2	1		06/08/10 02:41	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		06/08/10 02:41	74-87-3	
Dibromochloromethane	ND	ug/kg	5.2	1		06/08/10 02:41	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		06/08/10 02:41	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.4	1		06/08/10 02:41	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		06/08/10 02:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		06/08/10 02:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/08/10 02:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		06/08/10 02:41	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	100-41-4	
2-Hexanone	ND	ug/kg	10.4	1		06/08/10 02:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		06/08/10 02:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		06/08/10 02:41	99-87-6	
Methylene Chloride	ND	ug/kg	5.2	1		06/08/10 02:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.4	1		06/08/10 02:41	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2A **Lab ID: 3028443005** Collected: 05/26/10 09:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		06/08/10 02:41	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		06/08/10 02:41	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	103-65-1	
Styrene	ND	ug/kg	5.2	1		06/08/10 02:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		06/08/10 02:41	127-18-4	
Toluene	ND	ug/kg	5.2	1		06/08/10 02:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		06/08/10 02:41	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		06/08/10 02:41	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		06/08/10 02:41	108-67-8	
Vinyl chloride	ND	ug/kg	5.2	1		06/08/10 02:41	75-01-4	
Xylene (Total)	ND	ug/kg	15.6	1		06/08/10 02:41	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		06/08/10 02:41	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		06/08/10 02:41	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 02:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/08/10 02:41	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/08/10 02:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.8**	%	0.10	1		06/10/10 13:29		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**7.3**	mg/kg	5.4	1		06/08/10 16:13	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2A(ASTM) **Lab ID: 3028443006** Collected: 05/26/10 09:10 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:14	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2B **Lab ID: 3028443007** Collected: 05/26/10 09:12 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12500**	mg/kg	6.5	1	05/30/10 16:09	06/10/10 10:56	7429-90-5	
Antimony	ND	mg/kg	0.32	1	05/30/10 16:09	06/10/10 14:03	7440-36-0	
Arsenic	**15.4**	mg/kg	0.32	1	05/30/10 16:09	06/10/10 10:56	7440-38-2	
Barium	**112**	mg/kg	1.3	1	05/30/10 16:09	06/10/10 10:56	7440-39-3	
Beryllium	**0.70**	mg/kg	0.13	1	05/30/10 16:09	06/10/10 10:56	7440-41-7	
Boron	**7.3**	mg/kg	3.2	1	05/30/10 16:09	06/10/10 10:56	7440-42-8	
Cadmium	**0.35**	mg/kg	0.13	1	05/30/10 16:09	06/10/10 10:56	7440-43-9	
Calcium	**2770**	mg/kg	130	1	05/30/10 16:09	06/10/10 10:56	7440-70-2	
Chromium	**13.9**	mg/kg	0.32	1	05/30/10 16:09	06/10/10 10:56	7440-47-3	
Cobalt	**10.5**	mg/kg	0.65	1	05/30/10 16:09	06/10/10 10:56	7440-48-4	
Copper	**16.7**	mg/kg	0.65	1	05/30/10 16:09	06/10/10 10:56	7440-50-8	
Iron	**25200**	mg/kg	6.5	1	05/30/10 16:09	06/10/10 10:56	7439-89-6	
Lead	**16.1**	mg/kg	0.32	1	05/30/10 16:09	06/10/10 10:56	7439-92-1	
Magnesium	**4350**	mg/kg	32.4	1	05/30/10 16:09	06/10/10 10:56	7439-95-4	
Manganese	**580**	mg/kg	0.65	1	05/30/10 16:09	06/10/10 10:56	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:09	06/10/10 10:56	7439-98-7	
Nickel	**21.7**	mg/kg	1.3	1	05/30/10 16:09	06/10/10 10:56	7440-02-0	
Potassium	**2030**	mg/kg	32.4	1	05/30/10 16:09	06/10/10 10:56	7440-09-7	
Selenium	ND	mg/kg	0.32	1	05/30/10 16:09	06/10/10 10:56	7782-49-2	
Silver	**0.28**	mg/kg	0.13	1	05/30/10 16:09	06/10/10 14:03	7440-22-4	
Sodium	ND	mg/kg	324	1	05/30/10 16:09	06/10/10 10:56	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:09	06/10/10 14:03	7440-28-0	
Vanadium	**14.3**	mg/kg	0.65	1	05/30/10 16:09	06/10/10 10:56	7440-62-2	
Zinc	**69.7**	mg/kg	0.65	1	05/30/10 16:09	06/10/10 10:56	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:36	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	83-32-9	
Acenaphthylene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	208-96-8	
Anthracene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	207-08-9	
Benzyl alcohol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	59-50-7	
4-Chloroaniline	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2B **Lab ID: 3028443007** Collected: 05/26/10 09:12 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	91-58-7	
2-Chlorophenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	7005-72-3	
Chrysene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	53-70-3	
Dibenzofuran	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	120-83-2	
Diethylphthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	105-67-9	
Dimethylphthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	117-81-7	
Fluoranthene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	206-44-0	
Fluorene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	87-68-3	
Hexachlorobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	77-47-4	
Hexachloroethane	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	193-39-5	
Isophorone	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	78-59-1	
2-Methylnaphthalene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	719	1	06/04/10 16:41	06/07/10 17:47		
Naphthalene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	91-20-3	
2-Nitroaniline	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	88-74-4	
3-Nitroaniline	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	99-09-2	
4-Nitroaniline	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	100-01-6	
Nitrobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	98-95-3	
2-Nitrophenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	88-75-5	
4-Nitrophenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	86-30-6	
Pentachlorophenol	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	87-86-5	
Phenanthrene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	85-01-8	
Phenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	108-95-2	
Pyrene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2B **Lab ID: 3028443007** Collected: 05/26/10 09:12 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	900	1	06/04/10 16:41	06/07/10 17:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	360	1	06/04/10 16:41	06/07/10 17:47	88-06-2	
Nitrobenzene-d5 (S)	78	%	35-114	1	06/04/10 16:41	06/07/10 17:47	4165-60-0	
2-Fluorobiphenyl (S)	67	%	43-116	1	06/04/10 16:41	06/07/10 17:47	321-60-8	
Terphenyl-d14 (S)	109	%	33-141	1	06/04/10 16:41	06/07/10 17:47	1718-51-0	
Phenol-d6 (S)	61	%	10-110	1	06/04/10 16:41	06/07/10 17:47	13127-88-3	
2-Fluorophenol (S)	65	%	21-110	1	06/04/10 16:41	06/07/10 17:47	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-123	1	06/04/10 16:41	06/07/10 17:47	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**17.5**	ug/kg	9.0	1		06/08/10 03:05	67-64-1	
Benzene	ND	ug/kg	4.5	1		06/08/10 03:05	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		06/08/10 03:05	75-27-4	
Bromoform	ND	ug/kg	4.5	1		06/08/10 03:05	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		06/08/10 03:05	74-83-9	
TOTAL BTEX	ND	ug/kg	27.1	1		06/08/10 03:05		
2-Butanone (MEK)	ND	ug/kg	9.0	1		06/08/10 03:05	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	135-98-8	
Carbon disulfide	ND	ug/kg	4.5	1		06/08/10 03:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		06/08/10 03:05	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:05	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	75-00-3	
Chloroform	ND	ug/kg	4.5	1		06/08/10 03:05	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		06/08/10 03:05	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	1		06/08/10 03:05	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:05	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.0	1		06/08/10 03:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		06/08/10 03:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/08/10 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/08/10 03:05	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	100-41-4	
2-Hexanone	ND	ug/kg	9.0	1		06/08/10 03:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/08/10 03:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		06/08/10 03:05	99-87-6	
Methylene Chloride	ND	ug/kg	4.5	1		06/08/10 03:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.0	1		06/08/10 03:05	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2B **Lab ID: 3028443007** Collected: 05/26/10 09:12 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/08/10 03:05	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/08/10 03:05	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	103-65-1	
Styrene	ND	ug/kg	4.5	1		06/08/10 03:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		06/08/10 03:05	127-18-4	
Toluene	ND	ug/kg	4.5	1		06/08/10 03:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		06/08/10 03:05	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		06/08/10 03:05	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:05	108-67-8	
Vinyl chloride	ND	ug/kg	4.5	1		06/08/10 03:05	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1		06/08/10 03:05	1330-20-7	
m&p-Xylene	ND	ug/kg	9.0	1		06/08/10 03:05	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		06/08/10 03:05	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 03:05	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/08/10 03:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		06/10/10 13:35		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/08/10 16:45	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P2B(ASTM) **Lab ID: 3028443008** Collected: 05/26/10 09:12 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:15	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3A **Lab ID: 3028443009** Collected: 05/26/10 09:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14100**	mg/kg	9.3	1	05/30/10 16:09	06/10/10 10:59	7429-90-5	
Antimony	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 14:08	7440-36-0	
Arsenic	**22.8**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:59	7440-38-2	
Barium	**146**	mg/kg	1.9	1	05/30/10 16:09	06/10/10 10:59	7440-39-3	
Beryllium	**0.82**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 10:59	7440-41-7	
Boron	**8.3**	mg/kg	4.6	1	05/30/10 16:09	06/10/10 10:59	7440-42-8	
Cadmium	**0.42**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 10:59	7440-43-9	
Calcium	**1600**	mg/kg	186	1	05/30/10 16:09	06/10/10 10:59	7440-70-2	
Chromium	**15.3**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:59	7440-47-3	
Cobalt	**13.1**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 10:59	7440-48-4	
Copper	**18.1**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 10:59	7440-50-8	
Iron	**27600**	mg/kg	9.3	1	05/30/10 16:09	06/10/10 10:59	7439-89-6	
Lead	**18.1**	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:59	7439-92-1	
Magnesium	**4410**	mg/kg	46.4	1	05/30/10 16:09	06/10/10 10:59	7439-95-4	
Manganese	**1090**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 10:59	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	05/30/10 16:09	06/10/10 10:59	7439-98-7	
Nickel	**24.2**	mg/kg	1.9	1	05/30/10 16:09	06/10/10 10:59	7440-02-0	
Potassium	**1920**	mg/kg	46.4	1	05/30/10 16:09	06/10/10 10:59	7440-09-7	
Selenium	ND	mg/kg	0.46	1	05/30/10 16:09	06/10/10 10:59	7782-49-2	
Silver	**0.29**	mg/kg	0.19	1	05/30/10 16:09	06/10/10 14:08	7440-22-4	
Sodium	ND	mg/kg	464	1	05/30/10 16:09	06/10/10 10:59	7440-23-5	
Thallium	ND	mg/kg	1.9	1	05/30/10 16:09	06/10/10 14:08	7440-28-0	
Vanadium	**16.3**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 10:59	7440-62-2	
Zinc	**73.0**	mg/kg	0.93	1	05/30/10 16:09	06/10/10 10:59	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:38	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	83-32-9	
Acenaphthylene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	208-96-8	
Anthracene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	207-08-9	
Benzyl alcohol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	59-50-7	
4-Chloroaniline	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3A **Lab ID: 3028443009** Collected: 05/26/10 09:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	91-58-7	
2-Chlorophenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	7005-72-3	
Chrysene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	53-70-3	
Dibenzofuran	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	120-83-2	
Diethylphthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	105-67-9	
Dimethylphthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	117-81-7	
Fluoranthene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	206-44-0	
Fluorene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	87-68-3	
Hexachlorobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	77-47-4	
Hexachloroethane	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	193-39-5	
Isophorone	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	78-59-1	
2-Methylnaphthalene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	706	1	06/04/10 16:41	06/07/10 18:09		
Naphthalene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	91-20-3	
2-Nitroaniline	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	88-74-4	
3-Nitroaniline	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	99-09-2	
4-Nitroaniline	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	100-01-6	
Nitrobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	98-95-3	
2-Nitrophenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	88-75-5	
4-Nitrophenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	86-30-6	
Pentachlorophenol	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	87-86-5	
Phenanthrene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	85-01-8	
Phenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	108-95-2	
Pyrene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3A **Lab ID: 3028443009** Collected: 05/26/10 09:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	883	1	06/04/10 16:41	06/07/10 18:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	353	1	06/04/10 16:41	06/07/10 18:09	88-06-2	
Nitrobenzene-d5 (S)	81	%	35-114	1	06/04/10 16:41	06/07/10 18:09	4165-60-0	
2-Fluorobiphenyl (S)	72	%	43-116	1	06/04/10 16:41	06/07/10 18:09	321-60-8	
Terphenyl-d14 (S)	99	%	33-141	1	06/04/10 16:41	06/07/10 18:09	1718-51-0	
Phenol-d6 (S)	56	%	10-110	1	06/04/10 16:41	06/07/10 18:09	13127-88-3	
2-Fluorophenol (S)	65	%	21-110	1	06/04/10 16:41	06/07/10 18:09	367-12-4	
2,4,6-Tribromophenol (S)	44	%	10-123	1	06/04/10 16:41	06/07/10 18:09	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**33.3**	ug/kg	8.3	1		06/08/10 03:29	67-64-1	
Benzene	ND	ug/kg	4.1	1		06/08/10 03:29	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		06/08/10 03:29	75-27-4	
Bromoform	ND	ug/kg	4.1	1		06/08/10 03:29	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		06/08/10 03:29	74-83-9	
TOTAL BTEX	ND	ug/kg	24.8	1		06/08/10 03:29		
2-Butanone (MEK)	ND	ug/kg	8.3	1		06/08/10 03:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	135-98-8	
Carbon disulfide	ND	ug/kg	4.1	1		06/08/10 03:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		06/08/10 03:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		06/08/10 03:29	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	75-00-3	
Chloroform	ND	ug/kg	4.1	1		06/08/10 03:29	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		06/08/10 03:29	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	1		06/08/10 03:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 03:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 03:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 03:29	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.3	1		06/08/10 03:29	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 03:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 03:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 03:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		06/08/10 03:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 03:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 03:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	100-41-4	
2-Hexanone	ND	ug/kg	8.3	1		06/08/10 03:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/08/10 03:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		06/08/10 03:29	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1		06/08/10 03:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.3	1		06/08/10 03:29	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3A **Lab ID: 3028443009** Collected: 05/26/10 09:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/08/10 03:29	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/08/10 03:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	103-65-1	
Styrene	ND	ug/kg	4.1	1		06/08/10 03:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		06/08/10 03:29	127-18-4	
Toluene	ND	ug/kg	4.1	1		06/08/10 03:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 03:29	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		06/08/10 03:29	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 03:29	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1		06/08/10 03:29	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	1		06/08/10 03:29	1330-20-7	
m&p-Xylene	ND	ug/kg	8.3	1		06/08/10 03:29	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		06/08/10 03:29	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 03:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/08/10 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/08/10 03:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.7**	%	0.10	1		06/10/10 13:36		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.5	1		06/08/10 16:46	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3A(ASTM) **Lab ID: 3028443010** Collected: 05/26/10 09:45 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:16	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3B **Lab ID: 3028443011** Collected: 05/26/10 09:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15000**	mg/kg	6.3	1	05/30/10 16:14	06/11/10 08:13	7429-90-5	
Antimony	**0.43**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 08:13	7440-36-0	
Arsenic	**12.2**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 08:13	7440-38-2	
Barium	**123**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:13	7440-39-3	
Beryllium	**0.81**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:13	7440-41-7	
Boron	**7.8**	mg/kg	3.2	1	05/30/10 16:14	06/11/10 08:13	7440-42-8	
Cadmium	**0.44**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:13	7440-43-9	
Calcium	**832**	mg/kg	127	1	05/30/10 16:14	06/11/10 08:13	7440-70-2	
Chromium	**15.6**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 08:13	7440-47-3	
Cobalt	**12.3**	mg/kg	0.63	1	05/30/10 16:14	06/11/10 08:13	7440-48-4	
Copper	**18.3**	mg/kg	0.63	1	05/30/10 16:14	06/11/10 08:13	7440-50-8	
Iron	**26600**	mg/kg	6.3	1	05/30/10 16:14	06/11/10 08:13	7439-89-6	
Lead	**12.8**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 08:13	7439-92-1	
Magnesium	**4360**	mg/kg	31.7	1	05/30/10 16:14	06/11/10 08:13	7439-95-4	
Manganese	**846**	mg/kg	0.63	1	05/30/10 16:14	06/11/10 08:13	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:13	7439-98-7	
Nickel	**22.2**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:13	7440-02-0	
Potassium	**1900**	mg/kg	31.7	1	05/30/10 16:14	06/11/10 08:13	7440-09-7	
Selenium	ND	mg/kg	0.32	1	05/30/10 16:14	06/11/10 15:15	7782-49-2	
Silver	**0.88**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:13	7440-22-4	
Sodium	ND	mg/kg	317	1	05/30/10 16:14	06/11/10 08:13	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:13	7440-28-0	
Vanadium	**16.6**	mg/kg	0.63	1	05/30/10 16:14	06/11/10 08:13	7440-62-2	
Zinc	**68.1**	mg/kg	0.63	1	05/30/10 16:14	06/11/10 08:13	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:39	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	208-96-8	
Anthracene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	207-08-9	
Benzyl alcohol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	59-50-7	
4-Chloroaniline	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3B **Lab ID: 3028443011** Collected: 05/26/10 09:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	91-58-7	
2-Chlorophenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	7005-72-3	
Chrysene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	117-81-7	
Fluoranthene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	206-44-0	
Fluorene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	193-39-5	
Isophorone	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	735	1	06/04/10 16:41	06/07/10 18:31		
Naphthalene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	91-20-3	
2-Nitroaniline	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	88-74-4	
3-Nitroaniline	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	99-09-2	
4-Nitroaniline	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	100-01-6	
Nitrobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	88-75-5	
4-Nitrophenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	86-30-6	
Pentachlorophenol	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	87-86-5	
Phenanthrene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	85-01-8	
Phenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	108-95-2	
Pyrene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3B **Lab ID: 3028443011** Collected: 05/26/10 09:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	920	1	06/04/10 16:41	06/07/10 18:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	06/04/10 16:41	06/07/10 18:31	88-06-2	
Nitrobenzene-d5 (S)	98	%	35-114	1	06/04/10 16:41	06/07/10 18:31	4165-60-0	
2-Fluorobiphenyl (S)	98	%	43-116	1	06/04/10 16:41	06/07/10 18:31	321-60-8	
Terphenyl-d14 (S)	123	%	33-141	1	06/04/10 16:41	06/07/10 18:31	1718-51-0	
Phenol-d6 (S)	90	%	10-110	1	06/04/10 16:41	06/07/10 18:31	13127-88-3	
2-Fluorophenol (S)	96	%	21-110	1	06/04/10 16:41	06/07/10 18:31	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-123	1	06/04/10 16:41	06/07/10 18:31	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**46.1**	ug/kg	9.1	1		06/08/10 03:53	67-64-1	
Benzene	ND	ug/kg	4.5	1		06/08/10 03:53	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		06/08/10 03:53	75-27-4	
Bromoform	ND	ug/kg	4.5	1		06/08/10 03:53	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		06/08/10 03:53	74-83-9	
TOTAL BTEX	ND	ug/kg	27.2	1		06/08/10 03:53		
2-Butanone (MEK)	ND	ug/kg	9.1	1		06/08/10 03:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	135-98-8	
Carbon disulfide	ND	ug/kg	4.5	1		06/08/10 03:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		06/08/10 03:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:53	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	75-00-3	
Chloroform	ND	ug/kg	4.5	1		06/08/10 03:53	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		06/08/10 03:53	74-87-3	
Dibromochloromethane	ND	ug/kg	4.5	1		06/08/10 03:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		06/08/10 03:53	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.1	1		06/08/10 03:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		06/08/10 03:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		06/08/10 03:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/08/10 03:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		06/08/10 03:53	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	100-41-4	
2-Hexanone	ND	ug/kg	9.1	1		06/08/10 03:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/08/10 03:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		06/08/10 03:53	99-87-6	
Methylene Chloride	ND	ug/kg	4.5	1		06/08/10 03:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1		06/08/10 03:53	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3B **Lab ID: 3028443011** Collected: 05/26/10 09:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/08/10 03:53	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/08/10 03:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	103-65-1	
Styrene	ND	ug/kg	4.5	1		06/08/10 03:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		06/08/10 03:53	127-18-4	
Toluene	ND	ug/kg	4.5	1		06/08/10 03:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		06/08/10 03:53	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		06/08/10 03:53	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/08/10 03:53	108-67-8	
Vinyl chloride	ND	ug/kg	4.5	1		06/08/10 03:53	75-01-4	
Xylene (Total)	ND	ug/kg	13.6	1		06/08/10 03:53	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		06/08/10 03:53	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		06/08/10 03:53	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/08/10 03:53	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/08/10 03:53	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/08/10 03:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.3**	%	0.10	1		06/10/10 13:38		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.3	1		06/08/10 16:47	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P3B(ASTM) **Lab ID: 3028443012** Collected: 05/26/10 09:47 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:45	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4A **Lab ID: 3028443013** Collected: 05/26/10 10:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13200**	mg/kg	9.2	1	05/30/10 16:14	06/11/10 08:22	7429-90-5	
Antimony	**0.78**	mg/kg	0.46	1	05/30/10 16:14	06/11/10 08:22	7440-36-0	
Arsenic	**19.7**	mg/kg	0.46	1	05/30/10 16:14	06/11/10 08:22	7440-38-2	
Barium	**225**	mg/kg	1.8	1	05/30/10 16:14	06/11/10 08:22	7440-39-3	
Beryllium	**0.82**	mg/kg	0.18	1	05/30/10 16:14	06/11/10 08:22	7440-41-7	
Boron	**8.0**	mg/kg	4.6	1	05/30/10 16:14	06/11/10 08:22	7440-42-8	
Cadmium	**0.54**	mg/kg	0.18	1	05/30/10 16:14	06/11/10 08:22	7440-43-9	
Calcium	**1620**	mg/kg	183	1	05/30/10 16:14	06/11/10 08:22	7440-70-2	
Chromium	**14.2**	mg/kg	0.46	1	05/30/10 16:14	06/11/10 08:22	7440-47-3	
Cobalt	**19.1**	mg/kg	0.92	1	05/30/10 16:14	06/11/10 08:22	7440-48-4	
Copper	**19.2**	mg/kg	0.92	1	05/30/10 16:14	06/11/10 08:22	7440-50-8	
Iron	**30400**	mg/kg	9.2	1	05/30/10 16:14	06/11/10 08:22	7439-89-6	
Lead	**29.7**	mg/kg	0.46	1	05/30/10 16:14	06/11/10 08:22	7439-92-1	
Magnesium	**4100**	mg/kg	45.8	1	05/30/10 16:14	06/11/10 08:22	7439-95-4	
Manganese	**2660**	mg/kg	0.92	1	05/30/10 16:14	06/11/10 15:43	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	05/30/10 16:14	06/11/10 08:22	7439-98-7	
Nickel	**28.1**	mg/kg	1.8	1	05/30/10 16:14	06/11/10 08:22	7440-02-0	
Potassium	**1730**	mg/kg	45.8	1	05/30/10 16:14	06/11/10 08:22	7440-09-7	
Selenium	ND	mg/kg	0.46	1	05/30/10 16:14	06/11/10 15:43	7782-49-2	
Silver	**1.1**	mg/kg	0.18	1	05/30/10 16:14	06/11/10 08:22	7440-22-4	
Sodium	ND	mg/kg	458	1	05/30/10 16:14	06/11/10 08:22	7440-23-5	
Thallium	ND	mg/kg	1.8	1	05/30/10 16:14	06/11/10 08:22	7440-28-0	
Vanadium	**17.9**	mg/kg	0.92	1	05/30/10 16:14	06/11/10 08:22	7440-62-2	
Zinc	**71.5**	mg/kg	0.92	1	05/30/10 16:14	06/11/10 08:22	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 15:10	06/04/10 09:41	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	208-96-8	
Anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	207-08-9	
Benzyl alcohol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	59-50-7	
4-Chloroaniline	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4A **Lab ID: 3028443013** Collected: 05/26/10 10:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	91-58-7	
2-Chlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	7005-72-3	
Chrysene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	117-81-7	
Fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	206-44-0	
Fluorene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	193-39-5	
Isophorone	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	712	1	06/04/10 16:41	06/07/10 18:53		
Naphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	91-20-3	
2-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	88-74-4	
3-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	99-09-2	
4-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	88-75-5	
4-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	86-30-6	
Pentachlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	87-86-5	
Phenanthrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	85-01-8	
Phenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	108-95-2	
Pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4A **Lab ID: 3028443013** Collected: 05/26/10 10:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 18:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 18:53	88-06-2	
Nitrobenzene-d5 (S)	94	%	35-114	1	06/04/10 16:41	06/07/10 18:53	4165-60-0	
2-Fluorobiphenyl (S)	81	%	43-116	1	06/04/10 16:41	06/07/10 18:53	321-60-8	
Terphenyl-d14 (S)	93	%	33-141	1	06/04/10 16:41	06/07/10 18:53	1718-51-0	
Phenol-d6 (S)	75	%	10-110	1	06/04/10 16:41	06/07/10 18:53	13127-88-3	
2-Fluorophenol (S)	84	%	21-110	1	06/04/10 16:41	06/07/10 18:53	367-12-4	
2,4,6-Tribromophenol (S)	49	%	10-123	1	06/04/10 16:41	06/07/10 18:53	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**38.1**	ug/kg	8.2	1		06/08/10 04:18	67-64-1	
Benzene	ND	ug/kg	4.1	1		06/08/10 04:18	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		06/08/10 04:18	75-27-4	
Bromoform	ND	ug/kg	4.1	1		06/08/10 04:18	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		06/08/10 04:18	74-83-9	
TOTAL BTEX	ND	ug/kg	24.7	1		06/08/10 04:18		
2-Butanone (MEK)	ND	ug/kg	8.2	1		06/08/10 04:18	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	135-98-8	
Carbon disulfide	ND	ug/kg	4.1	1		06/08/10 04:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		06/08/10 04:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		06/08/10 04:18	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	75-00-3	
Chloroform	ND	ug/kg	4.1	1		06/08/10 04:18	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		06/08/10 04:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	1		06/08/10 04:18	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 04:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 04:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 04:18	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	1		06/08/10 04:18	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 04:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 04:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 04:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		06/08/10 04:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 04:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 04:18	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	100-41-4	
2-Hexanone	ND	ug/kg	8.2	1		06/08/10 04:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/08/10 04:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		06/08/10 04:18	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1		06/08/10 04:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.2	1		06/08/10 04:18	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4A **Lab ID: 3028443013** Collected: 05/26/10 10:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/08/10 04:18	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/08/10 04:18	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	103-65-1	
Styrene	ND	ug/kg	4.1	1		06/08/10 04:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		06/08/10 04:18	127-18-4	
Toluene	ND	ug/kg	4.1	1		06/08/10 04:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 04:18	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		06/08/10 04:18	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 04:18	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1		06/08/10 04:18	75-01-4	
Xylene (Total)	ND	ug/kg	12.3	1		06/08/10 04:18	1330-20-7	
m&p-Xylene	ND	ug/kg	8.2	1		06/08/10 04:18	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		06/08/10 04:18	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 04:18	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/08/10 04:18	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 04:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		06/10/10 13:39		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.9**	mg/kg	5.1	1		06/08/10 16:47	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4A(ASTM) **Lab ID: 3028443014** Collected: 05/26/10 10:05 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:47	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4B **Lab ID: 3028443015** Collected: 05/26/10 10:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	10.3	1	05/30/10 16:14	06/11/10 08:25	7429-90-5	
Antimony	ND	mg/kg	0.52	1	05/30/10 16:14	06/11/10 08:25	7440-36-0	
Arsenic	**16.4**	mg/kg	0.52	1	05/30/10 16:14	06/11/10 08:25	7440-38-2	
Barium	**135**	mg/kg	2.1	1	05/30/10 16:14	06/11/10 08:25	7440-39-3	
Beryllium	**0.74**	mg/kg	0.21	1	05/30/10 16:14	06/11/10 08:25	7440-41-7	
Boron	**8.6**	mg/kg	5.2	1	05/30/10 16:14	06/11/10 08:25	7440-42-8	
Cadmium	**0.46**	mg/kg	0.21	1	05/30/10 16:14	06/11/10 08:25	7440-43-9	
Calcium	**1710**	mg/kg	207	1	05/30/10 16:14	06/11/10 08:25	7440-70-2	
Chromium	**13.8**	mg/kg	0.52	1	05/30/10 16:14	06/11/10 08:25	7440-47-3	
Cobalt	**12.2**	mg/kg	1.0	1	05/30/10 16:14	06/11/10 08:25	7440-48-4	
Copper	**16.2**	mg/kg	1.0	1	05/30/10 16:14	06/11/10 08:25	7440-50-8	
Iron	**25400**	mg/kg	10.3	1	05/30/10 16:14	06/11/10 08:25	7439-89-6	
Lead	**18.1**	mg/kg	0.52	1	05/30/10 16:14	06/11/10 08:25	7439-92-1	
Magnesium	**4040**	mg/kg	51.7	1	05/30/10 16:14	06/11/10 08:25	7439-95-4	
Manganese	**1000**	mg/kg	1.0	1	05/30/10 16:14	06/11/10 08:25	7439-96-5	
Molybdenum	ND	mg/kg	2.1	1	05/30/10 16:14	06/11/10 08:25	7439-98-7	
Nickel	**23.0**	mg/kg	2.1	1	05/30/10 16:14	06/11/10 08:25	7440-02-0	
Potassium	**1980**	mg/kg	51.7	1	05/30/10 16:14	06/11/10 08:25	7440-09-7	
Selenium	ND	mg/kg	0.52	1	05/30/10 16:14	06/11/10 15:47	7782-49-2	
Silver	**1.3**	mg/kg	0.21	1	05/30/10 16:14	06/11/10 08:25	7440-22-4	
Sodium	ND	mg/kg	517	1	05/30/10 16:14	06/11/10 08:25	7440-23-5	
Thallium	ND	mg/kg	2.1	1	05/30/10 16:14	06/11/10 08:25	7440-28-0	
Vanadium	**15.1**	mg/kg	1.0	1	05/30/10 16:14	06/11/10 08:25	7440-62-2	
Zinc	**71.0**	mg/kg	1.0	1	05/30/10 16:14	06/11/10 08:25	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 15:10	06/04/10 09:43	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	83-32-9	
Acenaphthylene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	208-96-8	
Anthracene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	120-12-7	
Benzo(a)anthracene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	207-08-9	
Benzyl alcohol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	101-55-3	
Butylbenzylphthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	59-50-7	
4-Chloroaniline	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4B **Lab ID: 3028443015** Collected: 05/26/10 10:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	91-58-7	
2-Chlorophenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	7005-72-3	
Chrysene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	53-70-3	
Dibenzofuran	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	120-83-2	
Diethylphthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	105-67-9	
Dimethylphthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	131-11-3	
Di-n-butylphthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	606-20-2	
Di-n-octylphthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	117-81-7	
Fluoranthene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	206-44-0	
Fluorene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	87-68-3	
Hexachlorobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	77-47-4	
Hexachloroethane	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	193-39-5	
Isophorone	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	78-59-1	
2-Methylnaphthalene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	715	1	06/04/10 16:41	06/07/10 19:16		
Naphthalene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	91-20-3	
2-Nitroaniline	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	88-74-4	
3-Nitroaniline	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	99-09-2	
4-Nitroaniline	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	100-01-6	
Nitrobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	98-95-3	
2-Nitrophenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	88-75-5	
4-Nitrophenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	86-30-6	
Pentachlorophenol	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	87-86-5	
Phenanthrene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	85-01-8	
Phenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	108-95-2	
Pyrene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4B **Lab ID: 3028443015** Collected: 05/26/10 10:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	895	1	06/04/10 16:41	06/07/10 19:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	358	1	06/04/10 16:41	06/07/10 19:16	88-06-2	
Nitrobenzene-d5 (S)	82	%	35-114	1	06/04/10 16:41	06/07/10 19:16	4165-60-0	
2-Fluorobiphenyl (S)	75	%	43-116	1	06/04/10 16:41	06/07/10 19:16	321-60-8	
Terphenyl-d14 (S)	108	%	33-141	1	06/04/10 16:41	06/07/10 19:16	1718-51-0	
Phenol-d6 (S)	63	%	10-110	1	06/04/10 16:41	06/07/10 19:16	13127-88-3	
2-Fluorophenol (S)	67	%	21-110	1	06/04/10 16:41	06/07/10 19:16	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-123	1	06/04/10 16:41	06/07/10 19:16	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**25.2**	ug/kg	8.8	1		06/08/10 04:42	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/08/10 04:42	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/08/10 04:42	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/08/10 04:42	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/08/10 04:42	74-83-9	
TOTAL BTEX	ND	ug/kg	26.3	1		06/08/10 04:42		
2-Butanone (MEK)	ND	ug/kg	8.8	1		06/08/10 04:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	135-98-8	
Carbon disulfide	ND	ug/kg	4.4	1		06/08/10 04:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/08/10 04:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/08/10 04:42	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/08/10 04:42	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/08/10 04:42	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/08/10 04:42	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/08/10 04:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/08/10 04:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/08/10 04:42	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	1		06/08/10 04:42	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/08/10 04:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/08/10 04:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/08/10 04:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/08/10 04:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/08/10 04:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/08/10 04:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	100-41-4	
2-Hexanone	ND	ug/kg	8.8	1		06/08/10 04:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/08/10 04:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/08/10 04:42	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/08/10 04:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.8	1		06/08/10 04:42	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4B **Lab ID: 3028443015** Collected: 05/26/10 10:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/08/10 04:42	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/08/10 04:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/08/10 04:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/08/10 04:42	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/08/10 04:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/08/10 04:42	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/08/10 04:42	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/08/10 04:42	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/08/10 04:42	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1		06/08/10 04:42	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		06/08/10 04:42	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/08/10 04:42	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 04:42	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 04:42	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/08/10 04:42	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.8**	%	0.10	1		06/10/10 13:40		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.3	1		06/08/10 16:48	7664-41-7	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P4B(ASTM) **Lab ID: 3028443016** Collected: 05/26/10 10:07 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:48	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5A **Lab ID: 3028443017** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14200**	mg/kg	7.5	1	05/30/10 16:14	06/11/10 08:28	7429-90-5	
Antimony	**0.61**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:28	7440-36-0	
Arsenic	**14.3**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:28	7440-38-2	
Barium	**182**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:28	7440-39-3	
Beryllium	**0.77**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:28	7440-41-7	
Boron	**8.0**	mg/kg	3.7	1	05/30/10 16:14	06/11/10 08:28	7440-42-8	
Cadmium	**0.37**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:28	7440-43-9	
Calcium	**1280**	mg/kg	149	1	05/30/10 16:14	06/11/10 08:28	7440-70-2	
Chromium	**15.3**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:28	7440-47-3	
Cobalt	**12.9**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:28	7440-48-4	
Copper	**16.8**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:28	7440-50-8	
Iron	**26500**	mg/kg	7.5	1	05/30/10 16:14	06/11/10 08:28	7439-89-6	
Lead	**17.5**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:28	7439-92-1	
Magnesium	**4220**	mg/kg	37.3	1	05/30/10 16:14	06/11/10 08:28	7439-95-4	
Manganese	**1070**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:28	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:28	7439-98-7	
Nickel	**22.9**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:28	7440-02-0	
Potassium	**1780**	mg/kg	37.3	1	05/30/10 16:14	06/11/10 08:28	7440-09-7	
Selenium	ND	mg/kg	0.37	1	05/30/10 16:14	06/11/10 15:51	7782-49-2	
Silver	**0.95**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:28	7440-22-4	
Sodium	ND	mg/kg	373	1	05/30/10 16:14	06/11/10 08:28	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:28	7440-28-0	
Vanadium	**16.2**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:28	7440-62-2	
Zinc	**69.5**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:28	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 15:10	06/04/10 09:44	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	83-32-9	
Acenaphthylene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	208-96-8	
Anthracene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	207-08-9	
Benzyl alcohol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	59-50-7	
4-Chloroaniline	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5A **Lab ID: 3028443017** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	91-58-7	
2-Chlorophenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	7005-72-3	
Chrysene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	53-70-3	
Dibenzofuran	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	120-83-2	
Diethylphthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	105-67-9	
Dimethylphthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	117-81-7	
Fluoranthene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	206-44-0	
Fluorene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	87-68-3	
Hexachlorobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	77-47-4	
Hexachloroethane	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	193-39-5	
Isophorone	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	78-59-1	
2-Methylnaphthalene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	709	1	06/04/10 16:41	06/07/10 19:38		
Naphthalene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	91-20-3	
2-Nitroaniline	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	88-74-4	
3-Nitroaniline	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	99-09-2	
4-Nitroaniline	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	100-01-6	
Nitrobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	98-95-3	
2-Nitrophenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	88-75-5	
4-Nitrophenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	86-30-6	
Pentachlorophenol	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	87-86-5	
Phenanthrene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	85-01-8	
Phenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	108-95-2	
Pyrene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5A **Lab ID: 3028443017** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	886	1	06/04/10 16:41	06/07/10 19:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	354	1	06/04/10 16:41	06/07/10 19:38	88-06-2	
Nitrobenzene-d5 (S)	97	%	35-114	1	06/04/10 16:41	06/07/10 19:38	4165-60-0	
2-Fluorobiphenyl (S)	86	%	43-116	1	06/04/10 16:41	06/07/10 19:38	321-60-8	
Terphenyl-d14 (S)	108	%	33-141	1	06/04/10 16:41	06/07/10 19:38	1718-51-0	
Phenol-d6 (S)	76	%	10-110	1	06/04/10 16:41	06/07/10 19:38	13127-88-3	
2-Fluorophenol (S)	83	%	21-110	1	06/04/10 16:41	06/07/10 19:38	367-12-4	
2,4,6-Tribromophenol (S)	50	%	10-123	1	06/04/10 16:41	06/07/10 19:38	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**89.5**	ug/kg	10.6	1		06/08/10 05:06	67-64-1	
Benzene	ND	ug/kg	5.3	1		06/08/10 05:06	71-43-2	
Bromodichloromethane	ND	ug/kg	5.3	1		06/08/10 05:06	75-27-4	
Bromoform	ND	ug/kg	5.3	1		06/08/10 05:06	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		06/08/10 05:06	74-83-9	
TOTAL BTEX	ND	ug/kg	31.8	1		06/08/10 05:06		
2-Butanone (MEK)	ND	ug/kg	10.6	1		06/08/10 05:06	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	135-98-8	
Carbon disulfide	ND	ug/kg	5.3	1		06/08/10 05:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		06/08/10 05:06	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		06/08/10 05:06	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	75-00-3	
Chloroform	ND	ug/kg	5.3	1		06/08/10 05:06	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		06/08/10 05:06	74-87-3	
Dibromochloromethane	ND	ug/kg	5.3	1		06/08/10 05:06	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 05:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 05:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 05:06	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.6	1		06/08/10 05:06	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 05:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 05:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 05:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		06/08/10 05:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		06/08/10 05:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		06/08/10 05:06	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	100-41-4	
2-Hexanone	ND	ug/kg	10.6	1		06/08/10 05:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		06/08/10 05:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		06/08/10 05:06	99-87-6	
Methylene Chloride	ND	ug/kg	5.3	1		06/08/10 05:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.6	1		06/08/10 05:06	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5A **Lab ID: 3028443017** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		06/08/10 05:06	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1		06/08/10 05:06	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	103-65-1	
Styrene	ND	ug/kg	5.3	1		06/08/10 05:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		06/08/10 05:06	127-18-4	
Toluene	ND	ug/kg	5.3	1		06/08/10 05:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		06/08/10 05:06	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		06/08/10 05:06	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		06/08/10 05:06	108-67-8	
Vinyl chloride	ND	ug/kg	5.3	1		06/08/10 05:06	75-01-4	
Xylene (Total)	ND	ug/kg	15.9	1		06/08/10 05:06	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	1		06/08/10 05:06	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1		06/08/10 05:06	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 05:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/08/10 05:06	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 05:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.1**	%	0.10	1		06/10/10 13:41		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.1**	mg/kg	5.4	1		06/08/10 16:49	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5A(ASTM) **Lab ID: 3028443018** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4.3**	mg/L	3.0	1		06/07/10 16:49	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5B **Lab ID: 3028443019** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14600**	mg/kg	8.4	1	05/30/10 16:14	06/11/10 08:31	7429-90-5	
Antimony	ND	mg/kg	0.42	1	05/30/10 16:14	06/11/10 08:31	7440-36-0	
Arsenic	**13.7**	mg/kg	0.42	1	05/30/10 16:14	06/11/10 08:31	7440-38-2	
Barium	**147**	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:31	7440-39-3	
Beryllium	**0.82**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:31	7440-41-7	
Boron	**8.1**	mg/kg	4.2	1	05/30/10 16:14	06/11/10 08:31	7440-42-8	
Cadmium	**0.39**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:31	7440-43-9	
Calcium	**1380**	mg/kg	169	1	05/30/10 16:14	06/11/10 08:31	7440-70-2	
Chromium	**15.9**	mg/kg	0.42	1	05/30/10 16:14	06/11/10 08:31	7440-47-3	
Cobalt	**12.5**	mg/kg	0.84	1	05/30/10 16:14	06/11/10 08:31	7440-48-4	
Copper	**17.7**	mg/kg	0.84	1	05/30/10 16:14	06/11/10 08:31	7440-50-8	
Iron	**27900**	mg/kg	8.4	1	05/30/10 16:14	06/11/10 08:31	7439-89-6	
Lead	**15.2**	mg/kg	0.42	1	05/30/10 16:14	06/11/10 08:31	7439-92-1	
Magnesium	**4500**	mg/kg	42.2	1	05/30/10 16:14	06/11/10 08:31	7439-95-4	
Manganese	**1000**	mg/kg	0.84	1	05/30/10 16:14	06/11/10 08:31	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:31	7439-98-7	
Nickel	**24.4**	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:31	7440-02-0	
Potassium	**1890**	mg/kg	42.2	1	05/30/10 16:14	06/11/10 08:31	7440-09-7	
Selenium	ND	mg/kg	0.42	1	05/30/10 16:14	06/11/10 15:55	7782-49-2	
Silver	**1.1**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:31	7440-22-4	
Sodium	ND	mg/kg	422	1	05/30/10 16:14	06/11/10 08:31	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:31	7440-28-0	
Vanadium	**16.6**	mg/kg	0.84	1	05/30/10 16:14	06/11/10 08:31	7440-62-2	
Zinc	**72.9**	mg/kg	0.84	1	05/30/10 16:14	06/11/10 08:31	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:46	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	83-32-9	
Acenaphthylene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	208-96-8	
Anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	120-12-7	
Benzo(a)anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	56-55-3	
Benzo(a)pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	207-08-9	
Benzyl alcohol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	101-55-3	
Butylbenzylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	59-50-7	
4-Chloroaniline	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5B **Lab ID: 3028443019** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	91-58-7	
2-Chlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	7005-72-3	
Chrysene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	53-70-3	
Dibenzofuran	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	120-83-2	
Diethylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	105-67-9	
Dimethylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	131-11-3	
Di-n-butylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	606-20-2	
Di-n-octylphthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	117-81-7	
Fluoranthene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	206-44-0	
Fluorene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	87-68-3	
Hexachlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	77-47-4	
Hexachloroethane	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	193-39-5	
Isophorone	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	78-59-1	
2-Methylnaphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	734	1	06/04/10 16:41	06/07/10 20:01		
Naphthalene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	91-20-3	
2-Nitroaniline	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	88-74-4	
3-Nitroaniline	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	99-09-2	
4-Nitroaniline	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	100-01-6	
Nitrobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	98-95-3	
2-Nitrophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	88-75-5	
4-Nitrophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	86-30-6	
Pentachlorophenol	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	87-86-5	
Phenanthrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	85-01-8	
Phenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	108-95-2	
Pyrene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5B **Lab ID: 3028443019** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	918	1	06/04/10 16:41	06/07/10 20:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	367	1	06/04/10 16:41	06/07/10 20:01	88-06-2	
Nitrobenzene-d5 (S)	94	%	35-114	1	06/04/10 16:41	06/07/10 20:01	4165-60-0	
2-Fluorobiphenyl (S)	81	%	43-116	1	06/04/10 16:41	06/07/10 20:01	321-60-8	
Terphenyl-d14 (S)	107	%	33-141	1	06/04/10 16:41	06/07/10 20:01	1718-51-0	
Phenol-d6 (S)	72	%	10-110	1	06/04/10 16:41	06/07/10 20:01	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/04/10 16:41	06/07/10 20:01	367-12-4	
2,4,6-Tribromophenol (S)	56	%	10-123	1	06/04/10 16:41	06/07/10 20:01	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**22.7**	ug/kg	8.5	1		06/08/10 05:30	67-64-1	
Benzene	ND	ug/kg	4.3	1		06/08/10 05:30	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		06/08/10 05:30	75-27-4	
Bromoform	ND	ug/kg	4.3	1		06/08/10 05:30	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		06/08/10 05:30	74-83-9	
TOTAL BTEX	ND	ug/kg	25.5	1		06/08/10 05:30		
2-Butanone (MEK)	ND	ug/kg	8.5	1		06/08/10 05:30	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	135-98-8	
Carbon disulfide	ND	ug/kg	4.3	1		06/08/10 05:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		06/08/10 05:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		06/08/10 05:30	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	75-00-3	
Chloroform	ND	ug/kg	4.3	1		06/08/10 05:30	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		06/08/10 05:30	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	1		06/08/10 05:30	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		06/08/10 05:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		06/08/10 05:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		06/08/10 05:30	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	1		06/08/10 05:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1		06/08/10 05:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/08/10 05:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/08/10 05:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		06/08/10 05:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/08/10 05:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/08/10 05:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	100-41-4	
2-Hexanone	ND	ug/kg	8.5	1		06/08/10 05:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		06/08/10 05:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		06/08/10 05:30	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1		06/08/10 05:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	1		06/08/10 05:30	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5B **Lab ID: 3028443019** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		06/08/10 05:30	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		06/08/10 05:30	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	103-65-1	
Styrene	ND	ug/kg	4.3	1		06/08/10 05:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		06/08/10 05:30	127-18-4	
Toluene	ND	ug/kg	4.3	1		06/08/10 05:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		06/08/10 05:30	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		06/08/10 05:30	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		06/08/10 05:30	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1		06/08/10 05:30	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1		06/08/10 05:30	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		06/08/10 05:30	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		06/08/10 05:30	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/08/10 05:30	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 05:30	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/08/10 05:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.6**	%	0.10	1		06/10/10 13:42		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/08/10 16:50	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P5B(ASTM) **Lab ID: 3028443020** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:49	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6A **Lab ID: 3028443021** Collected: 05/26/10 10:35 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12600**	mg/kg	7.4	1	05/30/10 16:14	06/11/10 08:34	7429-90-5	
Antimony	ND	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:34	7440-36-0	
Arsenic	**14.8**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:34	7440-38-2	
Barium	**120**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:34	7440-39-3	
Beryllium	**0.70**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:34	7440-41-7	
Boron	**7.3**	mg/kg	3.7	1	05/30/10 16:14	06/11/10 08:34	7440-42-8	
Cadmium	**0.44**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:34	7440-43-9	
Calcium	**1990**	mg/kg	147	1	05/30/10 16:14	06/11/10 08:34	7440-70-2	
Chromium	**14.0**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:34	7440-47-3	
Cobalt	**12.1**	mg/kg	0.74	1	05/30/10 16:14	06/11/10 08:34	7440-48-4	
Copper	**17.1**	mg/kg	0.74	1	05/30/10 16:14	06/11/10 08:34	7440-50-8	
Iron	**25500**	mg/kg	7.4	1	05/30/10 16:14	06/11/10 08:34	7439-89-6	
Lead	**17.0**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 08:34	7439-92-1	
Magnesium	**4200**	mg/kg	36.8	1	05/30/10 16:14	06/11/10 08:34	7439-95-4	
Manganese	**843**	mg/kg	0.74	1	05/30/10 16:14	06/11/10 08:34	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:34	7439-98-7	
Nickel	**22.0**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:34	7440-02-0	
Potassium	**1810**	mg/kg	36.8	1	05/30/10 16:14	06/11/10 08:34	7440-09-7	
Selenium	ND	mg/kg	0.37	1	05/30/10 16:14	06/11/10 15:59	7782-49-2	
Silver	**0.83**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:34	7440-22-4	
Sodium	ND	mg/kg	368	1	05/30/10 16:14	06/11/10 08:34	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:34	7440-28-0	
Vanadium	**14.6**	mg/kg	0.74	1	05/30/10 16:14	06/11/10 08:34	7440-62-2	
Zinc	**70.5**	mg/kg	0.74	1	05/30/10 16:14	06/11/10 08:34	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:51	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	83-32-9	
Acenaphthylene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	208-96-8	
Anthracene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	207-08-9	
Benzyl alcohol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	59-50-7	
4-Chloroaniline	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6A **Lab ID: 3028443021** Collected: 05/26/10 10:35 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	91-58-7	
2-Chlorophenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	7005-72-3	
Chrysene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	53-70-3	
Dibenzofuran	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	120-83-2	
Diethylphthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	105-67-9	
Dimethylphthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	117-81-7	
Fluoranthene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	206-44-0	
Fluorene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	77-47-4	
Hexachloroethane	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	193-39-5	
Isophorone	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	78-59-1	
2-Methylnaphthalene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	730	1	06/04/10 16:41	06/07/10 20:23		
Naphthalene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	91-20-3	
2-Nitroaniline	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	88-74-4	
3-Nitroaniline	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	99-09-2	
4-Nitroaniline	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	100-01-6	
Nitrobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	98-95-3	
2-Nitrophenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	88-75-5	
4-Nitrophenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	86-30-6	
Pentachlorophenol	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	87-86-5	
Phenanthrene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	85-01-8	
Phenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	108-95-2	
Pyrene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6A **Lab ID: 3028443021** Collected: 05/26/10 10:35 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	914	1	06/04/10 16:41	06/07/10 20:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	365	1	06/04/10 16:41	06/07/10 20:23	88-06-2	
Nitrobenzene-d5 (S)	101	%	35-114	1	06/04/10 16:41	06/07/10 20:23	4165-60-0	
2-Fluorobiphenyl (S)	86	%	43-116	1	06/04/10 16:41	06/07/10 20:23	321-60-8	
Terphenyl-d14 (S)	105	%	33-141	1	06/04/10 16:41	06/07/10 20:23	1718-51-0	
Phenol-d6 (S)	81	%	10-110	1	06/04/10 16:41	06/07/10 20:23	13127-88-3	
2-Fluorophenol (S)	73	%	21-110	1	06/04/10 16:41	06/07/10 20:23	367-12-4	
2,4,6-Tribromophenol (S)	56	%	10-123	1	06/04/10 16:41	06/07/10 20:23	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**23.6**	ug/kg	9.3	1		06/08/10 05:54	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/08/10 05:54	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/08/10 05:54	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/08/10 05:54	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/08/10 05:54	74-83-9	
TOTAL BTEX	ND	ug/kg	28.0	1		06/08/10 05:54		
2-Butanone (MEK)	ND	ug/kg	9.3	1		06/08/10 05:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/08/10 05:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/08/10 05:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/08/10 05:54	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/08/10 05:54	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/08/10 05:54	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/08/10 05:54	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 05:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 05:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 05:54	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	1		06/08/10 05:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 05:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 05:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 05:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/08/10 05:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/08/10 05:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/08/10 05:54	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	100-41-4	
2-Hexanone	ND	ug/kg	9.3	1		06/08/10 05:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/08/10 05:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/08/10 05:54	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/08/10 05:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1		06/08/10 05:54	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6A **Lab ID: 3028443021** Collected: 05/26/10 10:35 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/08/10 05:54	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/08/10 05:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/08/10 05:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/08/10 05:54	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/08/10 05:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/08/10 05:54	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/08/10 05:54	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/08/10 05:54	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/08/10 05:54	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	1		06/08/10 05:54	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		06/08/10 05:54	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/08/10 05:54	95-47-6	
Toluene-d8 (S)	96	%	70-130	1		06/08/10 05:54	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/08/10 05:54	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/08/10 05:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.4**	%	0.10	1		06/10/10 13:43		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/08/10 16:51	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6A(ASTM) **Lab ID: 3028443022** Collected: 05/26/10 10:35 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.1**	mg/L	3.0	1		06/07/10 16:50	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6B **Lab ID: 3028443023** Collected: 05/26/10 10:37 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	6.6	1	05/30/10 16:14	06/11/10 08:50	7429-90-5	
Antimony	ND	mg/kg	0.33	1	05/30/10 16:14	06/11/10 08:50	7440-36-0	
Arsenic	**11.1**	mg/kg	0.33	1	05/30/10 16:14	06/11/10 08:50	7440-38-2	
Barium	**298**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:50	7440-39-3	
Beryllium	**0.62**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:50	7440-41-7	
Boron	**6.9**	mg/kg	3.3	1	05/30/10 16:14	06/11/10 08:50	7440-42-8	
Cadmium	**0.46**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:50	7440-43-9	
Calcium	**3070**	mg/kg	132	1	05/30/10 16:14	06/11/10 08:50	7440-70-2	
Chromium	**14.4**	mg/kg	0.33	1	05/30/10 16:14	06/11/10 08:50	7440-47-3	
Cobalt	**10.4**	mg/kg	0.66	1	05/30/10 16:14	06/11/10 08:50	7440-48-4	
Copper	**15.7**	mg/kg	0.66	1	05/30/10 16:14	06/11/10 08:50	7440-50-8	
Iron	**22500**	mg/kg	6.6	1	05/30/10 16:14	06/11/10 08:50	7439-89-6	
Lead	**22.2**	mg/kg	0.33	1	05/30/10 16:14	06/11/10 08:50	7439-92-1	
Magnesium	**3750**	mg/kg	32.9	1	05/30/10 16:14	06/11/10 08:50	7439-95-4	
Manganese	**689**	mg/kg	0.66	1	05/30/10 16:14	06/11/10 08:50	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:50	7439-98-7	
Nickel	**19.1**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:50	7440-02-0	
Potassium	**1670**	mg/kg	32.9	1	05/30/10 16:14	06/11/10 08:50	7440-09-7	
Selenium	ND	mg/kg	0.33	1	05/30/10 16:14	06/11/10 16:03	7782-49-2	
Silver	**0.82**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 08:50	7440-22-4	
Sodium	ND	mg/kg	329	1	05/30/10 16:14	06/11/10 08:50	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 08:50	7440-28-0	
Vanadium	**15.5**	mg/kg	0.66	1	05/30/10 16:14	06/11/10 08:50	7440-62-2	
Zinc	**60.7**	mg/kg	0.66	1	05/30/10 16:14	06/11/10 08:50	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:52	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	208-96-8	
Anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	207-08-9	
Benzyl alcohol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	59-50-7	
4-Chloroaniline	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6B **Lab ID: 3028443023** Collected: 05/26/10 10:37 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	91-58-7	
2-Chlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	7005-72-3	
Chrysene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	117-81-7	
Fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	206-44-0	
Fluorene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	193-39-5	
Isophorone	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	712	1	06/04/10 16:41	06/07/10 20:45		
Naphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	91-20-3	
2-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	88-74-4	
3-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	99-09-2	
4-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	88-75-5	
4-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	86-30-6	
Pentachlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	87-86-5	
Phenanthrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	85-01-8	
Phenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	108-95-2	
Pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6B **Lab ID: 3028443023** Collected: 05/26/10 10:37 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 20:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 20:45	88-06-2	
Nitrobenzene-d5 (S)	100	%	35-114	1	06/04/10 16:41	06/07/10 20:45	4165-60-0	
2-Fluorobiphenyl (S)	88	%	43-116	1	06/04/10 16:41	06/07/10 20:45	321-60-8	
Terphenyl-d14 (S)	109	%	33-141	1	06/04/10 16:41	06/07/10 20:45	1718-51-0	
Phenol-d6 (S)	81	%	10-110	1	06/04/10 16:41	06/07/10 20:45	13127-88-3	
2-Fluorophenol (S)	88	%	21-110	1	06/04/10 16:41	06/07/10 20:45	367-12-4	
2,4,6-Tribromophenol (S)	55	%	10-123	1	06/04/10 16:41	06/07/10 20:45	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**70.7**	ug/kg	8.2	1		06/08/10 06:18	67-64-1	
Benzene	ND	ug/kg	4.1	1		06/08/10 06:18	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		06/08/10 06:18	75-27-4	
Bromoform	ND	ug/kg	4.1	1		06/08/10 06:18	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		06/08/10 06:18	74-83-9	
TOTAL BTEX	ND	ug/kg	24.5	1		06/08/10 06:18		
2-Butanone (MEK)	ND	ug/kg	8.2	1		06/08/10 06:18	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	135-98-8	
Carbon disulfide	**12.8**	ug/kg	4.1	1		06/08/10 06:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		06/08/10 06:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		06/08/10 06:18	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	75-00-3	
Chloroform	ND	ug/kg	4.1	1		06/08/10 06:18	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		06/08/10 06:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	1		06/08/10 06:18	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 06:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 06:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 06:18	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.2	1		06/08/10 06:18	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 06:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 06:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 06:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		06/08/10 06:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 06:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 06:18	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	100-41-4	
2-Hexanone	ND	ug/kg	8.2	1		06/08/10 06:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/08/10 06:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		06/08/10 06:18	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1		06/08/10 06:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.2	1		06/08/10 06:18	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6B **Lab ID: 3028443023** Collected: 05/26/10 10:37 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/08/10 06:18	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/08/10 06:18	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	103-65-1	
Styrene	ND	ug/kg	4.1	1		06/08/10 06:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	79-34-5	
Tetrachloroethene	**85.0**	ug/kg	4.1	1		06/08/10 06:18	127-18-4	
Toluene	ND	ug/kg	4.1	1		06/08/10 06:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 06:18	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		06/08/10 06:18	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 06:18	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1		06/08/10 06:18	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		06/08/10 06:18	1330-20-7	
m&p-Xylene	ND	ug/kg	8.2	1		06/08/10 06:18	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		06/08/10 06:18	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 06:18	2037-26-5	
4-Bromofluorobenzene (S)	**114**	%	70-130	1		06/08/10 06:18	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 06:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		06/10/10 13:44		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**6.8**	mg/kg	4.9	1		06/08/10 16:51	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P6B(ASTM) **Lab ID: 3028443024** Collected: 05/26/10 10:37 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.8**	mg/L	3.0	1		06/07/10 16:51	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7B **Lab ID: 3028443025** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14700**	mg/kg	8.3	1	05/30/10 16:14	06/11/10 08:53	7429-90-5	
Antimony	**0.63**	mg/kg	0.41	1	05/30/10 16:14	06/11/10 08:53	7440-36-0	
Arsenic	**12.9**	mg/kg	0.41	1	05/30/10 16:14	06/11/10 08:53	7440-38-2	
Barium	**144**	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:53	7440-39-3	
Beryllium	**0.81**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:53	7440-41-7	
Boron	**8.2**	mg/kg	4.1	1	05/30/10 16:14	06/11/10 08:53	7440-42-8	
Cadmium	**0.43**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:53	7440-43-9	
Calcium	**1420**	mg/kg	166	1	05/30/10 16:14	06/11/10 08:53	7440-70-2	
Chromium	**16.0**	mg/kg	0.41	1	05/30/10 16:14	06/11/10 08:53	7440-47-3	
Cobalt	**12.5**	mg/kg	0.83	1	05/30/10 16:14	06/11/10 08:53	7440-48-4	
Copper	**16.7**	mg/kg	0.83	1	05/30/10 16:14	06/11/10 08:53	7440-50-8	
Iron	**28200**	mg/kg	8.3	1	05/30/10 16:14	06/11/10 08:53	7439-89-6	
Lead	**13.0**	mg/kg	0.41	1	05/30/10 16:14	06/11/10 08:53	7439-92-1	
Magnesium	**4440**	mg/kg	41.4	1	05/30/10 16:14	06/11/10 08:53	7439-95-4	
Manganese	**918**	mg/kg	0.83	1	05/30/10 16:14	06/11/10 08:53	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:53	7439-98-7	
Nickel	**23.8**	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:53	7440-02-0	
Potassium	**1850**	mg/kg	41.4	1	05/30/10 16:14	06/11/10 08:53	7440-09-7	
Selenium	ND	mg/kg	0.41	1	05/30/10 16:14	06/11/10 16:07	7782-49-2	
Silver	**1.1**	mg/kg	0.17	1	05/30/10 16:14	06/11/10 08:53	7440-22-4	
Sodium	ND	mg/kg	414	1	05/30/10 16:14	06/11/10 08:53	7440-23-5	
Thallium	ND	mg/kg	1.7	1	05/30/10 16:14	06/11/10 08:53	7440-28-0	
Vanadium	**17.2**	mg/kg	0.83	1	05/30/10 16:14	06/11/10 08:53	7440-62-2	
Zinc	**70.8**	mg/kg	0.83	1	05/30/10 16:14	06/11/10 08:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/02/10 15:10	06/04/10 09:54	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	83-32-9	
Acenaphthylene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	208-96-8	
Anthracene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	56-55-3	
Benzo(a)pyrene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	207-08-9	
Benzyl alcohol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	59-50-7	
4-Chloroaniline	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	108-60-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7B **Lab ID: 3028443025** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	91-58-7	
2-Chlorophenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	7005-72-3	
Chrysene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	53-70-3	
Dibenzofuran	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	120-83-2	
Diethylphthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	105-67-9	
Dimethylphthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	117-81-7	
Fluoranthene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	206-44-0	
Fluorene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	87-68-3	
Hexachlorobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	77-47-4	
Hexachloroethane	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	193-39-5	
Isophorone	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	78-59-1	
2-Methylnaphthalene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	722	1	06/04/10 16:41	06/07/10 21:08		
Naphthalene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	91-20-3	
2-Nitroaniline	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	88-74-4	
3-Nitroaniline	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	99-09-2	
4-Nitroaniline	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	100-01-6	
Nitrobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	98-95-3	
2-Nitrophenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	88-75-5	
4-Nitrophenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	86-30-6	
Pentachlorophenol	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	87-86-5	
Phenanthrene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	85-01-8	
Phenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	108-95-2	
Pyrene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7B **Lab ID: 3028443025** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	904	1	06/04/10 16:41	06/07/10 21:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	361	1	06/04/10 16:41	06/07/10 21:08	88-06-2	
Nitrobenzene-d5 (S)	100	%	35-114	1	06/04/10 16:41	06/07/10 21:08	4165-60-0	
2-Fluorobiphenyl (S)	98	%	43-116	1	06/04/10 16:41	06/07/10 21:08	321-60-8	
Terphenyl-d14 (S)	118	%	33-141	1	06/04/10 16:41	06/07/10 21:08	1718-51-0	
Phenol-d6 (S)	83	%	10-110	1	06/04/10 16:41	06/07/10 21:08	13127-88-3	
2-Fluorophenol (S)	93	%	21-110	1	06/04/10 16:41	06/07/10 21:08	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-123	1	06/04/10 16:41	06/07/10 21:08	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**34.3**	ug/kg	9.4	1		06/08/10 06:42	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/08/10 06:42	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/08/10 06:42	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/08/10 06:42	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/08/10 06:42	74-83-9	
TOTAL BTEX	ND	ug/kg	28.3	1		06/08/10 06:42		
2-Butanone (MEK)	ND	ug/kg	9.4	1		06/08/10 06:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/08/10 06:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/08/10 06:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/08/10 06:42	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/08/10 06:42	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/08/10 06:42	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/08/10 06:42	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 06:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 06:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/08/10 06:42	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.4	1		06/08/10 06:42	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 06:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 06:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/08/10 06:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/08/10 06:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/08/10 06:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/08/10 06:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	100-41-4	
2-Hexanone	ND	ug/kg	9.4	1		06/08/10 06:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/08/10 06:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/08/10 06:42	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/08/10 06:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.4	1		06/08/10 06:42	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7B **Lab ID: 3028443025** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/08/10 06:42	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/08/10 06:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/08/10 06:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/08/10 06:42	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/08/10 06:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/08/10 06:42	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/08/10 06:42	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/08/10 06:42	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/08/10 06:42	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1		06/08/10 06:42	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1		06/08/10 06:42	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/08/10 06:42	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 06:42	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 06:42	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/08/10 06:42	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/10/10 13:45		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.0**	mg/kg	5.3	1		06/08/10 16:52	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7B(ASTM) **Lab ID: 3028443026** Collected: 05/26/10 10:30 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	**0.18**	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:51	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7A **Lab ID: 3028443027** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14200**	mg/kg	7.6	1	05/30/10 16:14	06/11/10 08:56	7429-90-5	
Antimony	ND	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:56	7440-36-0	
Arsenic	**15.8**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:56	7440-38-2	
Barium	**173**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:56	7440-39-3	
Beryllium	**0.76**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:56	7440-41-7	
Boron	**7.9**	mg/kg	3.8	1	05/30/10 16:14	06/11/10 08:56	7440-42-8	
Cadmium	**0.62**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:56	7440-43-9	
Calcium	**1480**	mg/kg	152	1	05/30/10 16:14	06/11/10 08:56	7440-70-2	
Chromium	**15.4**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:56	7440-47-3	
Cobalt	**13.2**	mg/kg	0.76	1	05/30/10 16:14	06/11/10 08:56	7440-48-4	
Copper	**17.3**	mg/kg	0.76	1	05/30/10 16:14	06/11/10 08:56	7440-50-8	
Iron	**27200**	mg/kg	7.6	1	05/30/10 16:14	06/11/10 08:56	7439-89-6	
Lead	**15.4**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:56	7439-92-1	
Magnesium	**4420**	mg/kg	38.0	1	05/30/10 16:14	06/11/10 08:56	7439-95-4	
Manganese	**1120**	mg/kg	0.76	1	05/30/10 16:14	06/11/10 08:56	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:56	7439-98-7	
Nickel	**24.7**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:56	7440-02-0	
Potassium	**1850**	mg/kg	38.0	1	05/30/10 16:14	06/11/10 08:56	7440-09-7	
Selenium	ND	mg/kg	0.38	1	05/30/10 16:14	06/11/10 16:11	7782-49-2	
Silver	**1.0**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:56	7440-22-4	
Sodium	ND	mg/kg	380	1	05/30/10 16:14	06/11/10 08:56	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:56	7440-28-0	
Vanadium	**16.1**	mg/kg	0.76	1	05/30/10 16:14	06/11/10 08:56	7440-62-2	
Zinc	**72.2**	mg/kg	0.76	1	05/30/10 16:14	06/11/10 08:56	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/02/10 15:10	06/04/10 09:56	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	83-32-9	
Acenaphthylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	208-96-8	
Anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	207-08-9	
Benzyl alcohol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	101-55-3	
Butylbenzylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	59-50-7	
4-Chloroaniline	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7A **Lab ID: 3028443027** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	91-58-7	
2-Chlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	7005-72-3	
Chrysene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	53-70-3	
Dibenzofuran	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	120-83-2	
Diethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	105-67-9	
Dimethylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	131-11-3	
Di-n-butylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	606-20-2	
Di-n-octylphthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	117-81-7	
Fluoranthene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	206-44-0	
Fluorene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	87-68-3	
Hexachlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	77-47-4	
Hexachloroethane	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	193-39-5	
Isophorone	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	78-59-1	
2-Methylnaphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	712	1	06/04/10 16:41	06/07/10 21:30		
Naphthalene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	91-20-3	
2-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	88-74-4	
3-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	99-09-2	
4-Nitroaniline	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	100-01-6	
Nitrobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	98-95-3	
2-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	88-75-5	
4-Nitrophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	86-30-6	
Pentachlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	87-86-5	
Phenanthrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	85-01-8	
Phenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	108-95-2	
Pyrene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7A **Lab ID: 3028443027** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	891	1	06/04/10 16:41	06/07/10 21:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	356	1	06/04/10 16:41	06/07/10 21:30	88-06-2	
Nitrobenzene-d5 (S)	105	%	35-114	1	06/04/10 16:41	06/07/10 21:30	4165-60-0	
2-Fluorobiphenyl (S)	95	%	43-116	1	06/04/10 16:41	06/07/10 21:30	321-60-8	
Terphenyl-d14 (S)	118	%	33-141	1	06/04/10 16:41	06/07/10 21:30	1718-51-0	
Phenol-d6 (S)	88	%	10-110	1	06/04/10 16:41	06/07/10 21:30	13127-88-3	
2-Fluorophenol (S)	90	%	21-110	1	06/04/10 16:41	06/07/10 21:30	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-123	1	06/04/10 16:41	06/07/10 21:30	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**20.4**	ug/kg	9.7	1		06/08/10 07:07	67-64-1	
Benzene	ND	ug/kg	4.8	1		06/08/10 07:07	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		06/08/10 07:07	75-27-4	
Bromoform	ND	ug/kg	4.8	1		06/08/10 07:07	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		06/08/10 07:07	74-83-9	
TOTAL BTEX	ND	ug/kg	29.0	1		06/08/10 07:07		
2-Butanone (MEK)	ND	ug/kg	9.7	1		06/08/10 07:07	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	135-98-8	
Carbon disulfide	ND	ug/kg	4.8	1		06/08/10 07:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		06/08/10 07:07	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		06/08/10 07:07	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	75-00-3	
Chloroform	ND	ug/kg	4.8	1		06/08/10 07:07	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		06/08/10 07:07	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	1		06/08/10 07:07	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 07:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 07:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 07:07	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.7	1		06/08/10 07:07	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 07:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 07:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 07:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		06/08/10 07:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/08/10 07:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/08/10 07:07	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	100-41-4	
2-Hexanone	ND	ug/kg	9.7	1		06/08/10 07:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/08/10 07:07	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		06/08/10 07:07	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1		06/08/10 07:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.7	1		06/08/10 07:07	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7A **Lab ID: 3028443027** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/08/10 07:07	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/08/10 07:07	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	103-65-1	
Styrene	ND	ug/kg	4.8	1		06/08/10 07:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		06/08/10 07:07	127-18-4	
Toluene	ND	ug/kg	4.8	1		06/08/10 07:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		06/08/10 07:07	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		06/08/10 07:07	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/08/10 07:07	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1		06/08/10 07:07	75-01-4	
Xylene (Total)	ND	ug/kg	14.5	1		06/08/10 07:07	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		06/08/10 07:07	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		06/08/10 07:07	95-47-6	
Toluene-d8 (S)	94	%	70-130	1		06/08/10 07:07	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/08/10 07:07	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/08/10 07:07	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.7**	%	0.10	1		06/10/10 13:45		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.3**	mg/kg	4.8	1		06/08/10 16:55	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P7A(ASTM) **Lab ID: 3028443028** Collected: 05/26/10 10:27 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:52	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8A **Lab ID: 3028443029** Collected: 05/26/10 11:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11100**	mg/kg	7.5	1	05/30/10 16:14	06/11/10 08:59	7429-90-5	
Antimony	**0.47**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:59	7440-36-0	
Arsenic	**26.3**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:59	7440-38-2	
Barium	**139**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:59	7440-39-3	
Beryllium	**0.90**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:59	7440-41-7	
Boron	**8.3**	mg/kg	3.8	1	05/30/10 16:14	06/11/10 08:59	7440-42-8	
Cadmium	**0.61**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:59	7440-43-9	
Calcium	**1890**	mg/kg	150	1	05/30/10 16:14	06/11/10 08:59	7440-70-2	
Chromium	**15.2**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:59	7440-47-3	
Cobalt	**10.3**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:59	7440-48-4	
Copper	**23.1**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:59	7440-50-8	
Iron	**31500**	mg/kg	7.5	1	05/30/10 16:14	06/11/10 08:59	7439-89-6	
Lead	**216**	mg/kg	0.38	1	05/30/10 16:14	06/11/10 08:59	7439-92-1	
Magnesium	**3250**	mg/kg	37.6	1	05/30/10 16:14	06/11/10 08:59	7439-95-4	
Manganese	**723**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:59	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:59	7439-98-7	
Nickel	**19.3**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:59	7440-02-0	
Potassium	**1700**	mg/kg	37.6	1	05/30/10 16:14	06/11/10 08:59	7440-09-7	
Selenium	ND	mg/kg	0.38	1	05/30/10 16:14	06/11/10 16:16	7782-49-2	
Silver	**1.2**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 08:59	7440-22-4	
Sodium	ND	mg/kg	376	1	05/30/10 16:14	06/11/10 08:59	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 08:59	7440-28-0	
Vanadium	**29.9**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:59	7440-62-2	
Zinc	**68.4**	mg/kg	0.75	1	05/30/10 16:14	06/11/10 08:59	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:13	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	83-32-9	
Acenaphthylene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	208-96-8	
Anthracene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	56-55-3	
Benzo(a)pyrene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	207-08-9	
Benzyl alcohol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	59-50-7	
4-Chloroaniline	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8A **Lab ID: 3028443029** Collected: 05/26/10 11:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	91-58-7	
2-Chlorophenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	7005-72-3	
Chrysene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	53-70-3	
Dibenzofuran	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	120-83-2	
Diethylphthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	105-67-9	
Dimethylphthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	117-81-7	
Fluoranthene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	206-44-0	
Fluorene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	87-68-3	
Hexachlorobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	77-47-4	
Hexachloroethane	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	193-39-5	
Isophorone	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	78-59-1	
2-Methylnaphthalene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	707	1	06/09/10 15:05	06/10/10 13:42		
Naphthalene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	91-20-3	
2-Nitroaniline	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	88-74-4	
3-Nitroaniline	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	99-09-2	
4-Nitroaniline	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	100-01-6	
Nitrobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	98-95-3	
2-Nitrophenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	88-75-5	
4-Nitrophenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	86-30-6	
Pentachlorophenol	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	87-86-5	
Phenanthrene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	85-01-8	
Phenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	108-95-2	
Pyrene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8A **Lab ID: 3028443029** Collected: 05/26/10 11:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	884	1	06/09/10 15:05	06/10/10 13:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	353	1	06/09/10 15:05	06/10/10 13:42	88-06-2	
Nitrobenzene-d5 (S)	60	%	35-114	1	06/09/10 15:05	06/10/10 13:42	4165-60-0	
2-Fluorobiphenyl (S)	56	%	43-116	1	06/09/10 15:05	06/10/10 13:42	321-60-8	
Terphenyl-d14 (S)	96	%	33-141	1	06/09/10 15:05	06/10/10 13:42	1718-51-0	
Phenol-d6 (S)	45	%	10-110	1	06/09/10 15:05	06/10/10 13:42	13127-88-3	
2-Fluorophenol (S)	50	%	21-110	1	06/09/10 15:05	06/10/10 13:42	367-12-4	
2,4,6-Tribromophenol (S)	49	%	10-123	1	06/09/10 15:05	06/10/10 13:42	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**14.8**	ug/kg	10.3	1		06/08/10 07:31	67-64-1	
Benzene	ND	ug/kg	5.1	1		06/08/10 07:31	71-43-2	
Bromodichloromethane	ND	ug/kg	5.1	1		06/08/10 07:31	75-27-4	
Bromoform	ND	ug/kg	5.1	1		06/08/10 07:31	75-25-2	
Bromomethane	ND	ug/kg	5.1	1		06/08/10 07:31	74-83-9	
TOTAL BTEX	ND	ug/kg	30.8	1		06/08/10 07:31		
2-Butanone (MEK)	ND	ug/kg	10.3	1		06/08/10 07:31	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	135-98-8	
Carbon disulfide	ND	ug/kg	5.1	1		06/08/10 07:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1		06/08/10 07:31	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		06/08/10 07:31	108-90-7	
Chloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	75-00-3	
Chloroform	ND	ug/kg	5.1	1		06/08/10 07:31	67-66-3	
Chloromethane	ND	ug/kg	5.1	1		06/08/10 07:31	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	1		06/08/10 07:31	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		06/08/10 07:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		06/08/10 07:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		06/08/10 07:31	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.3	1		06/08/10 07:31	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.1	1		06/08/10 07:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		06/08/10 07:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		06/08/10 07:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		06/08/10 07:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		06/08/10 07:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		06/08/10 07:31	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	100-41-4	
2-Hexanone	ND	ug/kg	10.3	1		06/08/10 07:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		06/08/10 07:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		06/08/10 07:31	99-87-6	
Methylene Chloride	ND	ug/kg	5.1	1		06/08/10 07:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	1		06/08/10 07:31	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8A **Lab ID: 3028443029** Collected: 05/26/10 11:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		06/08/10 07:31	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1		06/08/10 07:31	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	103-65-1	
Styrene	ND	ug/kg	5.1	1		06/08/10 07:31	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		06/08/10 07:31	127-18-4	
Toluene	ND	ug/kg	5.1	1		06/08/10 07:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		06/08/10 07:31	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		06/08/10 07:31	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		06/08/10 07:31	108-67-8	
Vinyl chloride	ND	ug/kg	5.1	1		06/08/10 07:31	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	1		06/08/10 07:31	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1		06/08/10 07:31	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1		06/08/10 07:31	95-47-6	
Toluene-d8 (S)	95	%	70-130	1		06/08/10 07:31	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 07:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 07:31	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.7**	%	0.10	1		06/10/10 12:19		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.7**	mg/kg	4.9	1		06/08/10 16:56	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8A(ASTM) **Lab ID: 3028443030** Collected: 05/26/10 11:15 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:55	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9A **Lab ID: 3028443031** Collected: 05/26/10 12:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13400**	mg/kg	9.6	1	05/30/10 16:14	06/11/10 09:02	7429-90-5	
Antimony	ND	mg/kg	0.48	1	05/30/10 16:14	06/11/10 09:02	7440-36-0	
Arsenic	**42.6**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 09:02	7440-38-2	
Barium	**198**	mg/kg	1.9	1	05/30/10 16:14	06/11/10 09:02	7440-39-3	
Beryllium	**0.83**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 09:02	7440-41-7	
Boron	**8.4**	mg/kg	4.8	1	05/30/10 16:14	06/11/10 09:02	7440-42-8	
Cadmium	**0.49**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 09:02	7440-43-9	
Calcium	**3880**	mg/kg	192	1	05/30/10 16:14	06/11/10 09:02	7440-70-2	
Chromium	**15.7**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 09:02	7440-47-3	
Cobalt	**17.0**	mg/kg	0.96	1	05/30/10 16:14	06/11/10 09:02	7440-48-4	
Copper	**21.4**	mg/kg	0.96	1	05/30/10 16:14	06/11/10 09:02	7440-50-8	
Iron	**27200**	mg/kg	9.6	1	05/30/10 16:14	06/11/10 09:02	7439-89-6	
Lead	**58.0**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 09:02	7439-92-1	
Magnesium	**5300**	mg/kg	48.1	1	05/30/10 16:14	06/11/10 09:02	7439-95-4	
Manganese	**1580**	mg/kg	0.96	1	05/30/10 16:14	06/11/10 09:02	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	05/30/10 16:14	06/11/10 09:02	7439-98-7	
Nickel	**26.8**	mg/kg	1.9	1	05/30/10 16:14	06/11/10 09:02	7440-02-0	
Potassium	**1840**	mg/kg	48.1	1	05/30/10 16:14	06/11/10 09:02	7440-09-7	
Selenium	ND	mg/kg	0.48	1	05/30/10 16:14	06/11/10 16:20	7782-49-2	
Silver	**1.1**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 09:02	7440-22-4	
Sodium	ND	mg/kg	481	1	05/30/10 16:14	06/11/10 09:02	7440-23-5	
Thallium	ND	mg/kg	1.9	1	05/30/10 16:14	06/11/10 09:02	7440-28-0	
Vanadium	**15.6**	mg/kg	0.96	1	05/30/10 16:14	06/11/10 09:02	7440-62-2	
Zinc	**74.2**	mg/kg	0.96	1	05/30/10 16:14	06/11/10 09:02	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:18	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	83-32-9	
Acenaphthylene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	208-96-8	
Anthracene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	207-08-9	
Benzyl alcohol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	101-55-3	
Butylbenzylphthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	59-50-7	
4-Chloroaniline	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9A **Lab ID: 3028443031** Collected: 05/26/10 12:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	91-58-7	
2-Chlorophenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	7005-72-3	
Chrysene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	53-70-3	
Dibenzofuran	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	120-83-2	
Diethylphthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	105-67-9	
Dimethylphthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	131-11-3	
Di-n-butylphthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	606-20-2	
Di-n-octylphthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	117-81-7	
Fluoranthene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	206-44-0	
Fluorene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	77-47-4	
Hexachloroethane	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	193-39-5	
Isophorone	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	78-59-1	
2-Methylnaphthalene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	738	1	06/09/10 15:05	06/10/10 14:04		
Naphthalene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	91-20-3	
2-Nitroaniline	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	88-74-4	
3-Nitroaniline	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	99-09-2	
4-Nitroaniline	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	100-01-6	
Nitrobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	98-95-3	
2-Nitrophenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	88-75-5	
4-Nitrophenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	86-30-6	
Pentachlorophenol	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	87-86-5	
Phenanthrene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	85-01-8	
Phenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	108-95-2	
Pyrene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9A **Lab ID: 3028443031** Collected: 05/26/10 12:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	923	1	06/09/10 15:05	06/10/10 14:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	1	06/09/10 15:05	06/10/10 14:04	88-06-2	
Nitrobenzene-d5 (S)	100	%	35-114	1	06/09/10 15:05	06/10/10 14:04	4165-60-0	
2-Fluorobiphenyl (S)	93	%	43-116	1	06/09/10 15:05	06/10/10 14:04	321-60-8	
Terphenyl-d14 (S)	124	%	33-141	1	06/09/10 15:05	06/10/10 14:04	1718-51-0	
Phenol-d6 (S)	75	%	10-110	1	06/09/10 15:05	06/10/10 14:04	13127-88-3	
2-Fluorophenol (S)	93	%	21-110	1	06/09/10 15:05	06/10/10 14:04	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-123	1	06/09/10 15:05	06/10/10 14:04	118-79-6	
8260 MSV 5030 Low Level	*Analytical Method: EPA 8260*							
Acetone	**137**	ug/kg	8.4	1		06/08/10 08:26	67-64-1	
Benzene	ND	ug/kg	4.2	1		06/08/10 08:26	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		06/08/10 08:26	75-27-4	
Bromoform	ND	ug/kg	4.2	1		06/08/10 08:26	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		06/08/10 08:26	74-83-9	
TOTAL BTEX	ND	ug/kg	25.1	1		06/08/10 08:26		
2-Butanone (MEK)	ND	ug/kg	8.4	1		06/08/10 08:26	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	135-98-8	
Carbon disulfide	**25.2**	ug/kg	4.2	1		06/08/10 08:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		06/08/10 08:26	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		06/08/10 08:26	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	75-00-3	
Chloroform	ND	ug/kg	4.2	1		06/08/10 08:26	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		06/08/10 08:26	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	1		06/08/10 08:26	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 08:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 08:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 08:26	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.4	1		06/08/10 08:26	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 08:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 08:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 08:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		06/08/10 08:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/08/10 08:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/08/10 08:26	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	100-41-4	
2-Hexanone	ND	ug/kg	8.4	1		06/08/10 08:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/08/10 08:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		06/08/10 08:26	99-87-6	
Methylene Chloride	ND	ug/kg	4.2	1		06/08/10 08:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.4	1		06/08/10 08:26	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9A **Lab ID: 3028443031** Collected: 05/26/10 12:00 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/08/10 08:26	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/08/10 08:26	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	103-65-1	
Styrene	ND	ug/kg	4.2	1		06/08/10 08:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		06/08/10 08:26	127-18-4	
Toluene	ND	ug/kg	4.2	1		06/08/10 08:26	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		06/08/10 08:26	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		06/08/10 08:26	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/08/10 08:26	108-67-8	
Vinyl chloride	ND	ug/kg	4.2	1		06/08/10 08:26	75-01-4	
Xylene (Total)	ND	ug/kg	12.5	1		06/08/10 08:26	1330-20-7	
m&p-Xylene	ND	ug/kg	8.4	1		06/08/10 08:26	179601-23-1	
o-Xylene	ND	ug/kg	4.2	1		06/08/10 08:26	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/08/10 08:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/08/10 08:26	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		06/08/10 08:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.9**	%	0.10	1		06/10/10 12:20		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**14.8**	mg/kg	4.5	1		06/08/10 16:57	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9A(ASTM) **Lab ID: 3028443032** Collected: 05/26/10 12:00 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.3**	mg/L	3.0	1		06/07/10 16:56	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10A **Lab ID: 3028443033** Collected: 05/26/10 12:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14800**	mg/kg	7.3	1	05/30/10 16:14	06/11/10 09:05	7429-90-5	
Antimony	ND	mg/kg	0.37	1	05/30/10 16:14	06/11/10 09:05	7440-36-0	
Arsenic	**11.6**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 09:05	7440-38-2	
Barium	**141**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 09:05	7440-39-3	
Beryllium	**0.90**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 09:05	7440-41-7	
Boron	**7.4**	mg/kg	3.7	1	05/30/10 16:14	06/11/10 09:05	7440-42-8	
Cadmium	**0.44**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 09:05	7440-43-9	
Calcium	**1060**	mg/kg	146	1	05/30/10 16:14	06/11/10 09:05	7440-70-2	
Chromium	**16.4**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 09:05	7440-47-3	
Cobalt	**12.6**	mg/kg	0.73	1	05/30/10 16:14	06/11/10 09:05	7440-48-4	
Copper	**18.1**	mg/kg	0.73	1	05/30/10 16:14	06/11/10 09:05	7440-50-8	
Iron	**27200**	mg/kg	7.3	1	05/30/10 16:14	06/11/10 09:05	7439-89-6	
Lead	**12.8**	mg/kg	0.37	1	05/30/10 16:14	06/11/10 09:05	7439-92-1	
Magnesium	**4630**	mg/kg	36.6	1	05/30/10 16:14	06/11/10 09:05	7439-95-4	
Manganese	**804**	mg/kg	0.73	1	05/30/10 16:14	06/11/10 09:05	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 09:05	7439-98-7	
Nickel	**24.2**	mg/kg	1.5	1	05/30/10 16:14	06/11/10 09:05	7440-02-0	
Potassium	**1930**	mg/kg	36.6	1	05/30/10 16:14	06/11/10 09:05	7440-09-7	
Selenium	ND	mg/kg	0.37	1	05/30/10 16:14	06/11/10 16:36	7782-49-2	
Silver	**0.84**	mg/kg	0.15	1	05/30/10 16:14	06/11/10 09:05	7440-22-4	
Sodium	ND	mg/kg	366	1	05/30/10 16:14	06/11/10 09:05	7440-23-5	
Thallium	ND	mg/kg	1.5	1	05/30/10 16:14	06/11/10 09:05	7440-28-0	
Vanadium	**16.1**	mg/kg	0.73	1	05/30/10 16:14	06/11/10 09:05	7440-62-2	
Zinc	**69.5**	mg/kg	0.73	1	05/30/10 16:14	06/11/10 09:05	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:19	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	83-32-9	
Acenaphthylene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	208-96-8	
Anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	120-12-7	
Benzo(a)anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	56-55-3	
Benzo(a)pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	207-08-9	
Benzyl alcohol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	59-50-7	
4-Chloroaniline	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10A **Lab ID: 3028443033** Collected: 05/26/10 12:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	91-58-7	
2-Chlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	7005-72-3	
Chrysene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	53-70-3	
Dibenzofuran	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	120-83-2	
Diethylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	105-67-9	
Dimethylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	117-81-7	
Fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	206-44-0	
Fluorene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	87-68-3	
Hexachlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	77-47-4	
Hexachloroethane	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	193-39-5	
Isophorone	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	78-59-1	
2-Methylnaphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	713	1	06/09/10 15:05	06/10/10 14:26		
Naphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	91-20-3	
2-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	88-74-4	
3-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	99-09-2	
4-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	100-01-6	
Nitrobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	98-95-3	
2-Nitrophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	88-75-5	
4-Nitrophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	86-30-6	
Pentachlorophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	87-86-5	
Phenanthrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	85-01-8	
Phenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	108-95-2	
Pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10A **Lab ID: 3028443033** Collected: 05/26/10 12:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 14:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 14:26	88-06-2	
Nitrobenzene-d5 (S)	84	%	35-114	1	06/09/10 15:05	06/10/10 14:26	4165-60-0	
2-Fluorobiphenyl (S)	81	%	43-116	1	06/09/10 15:05	06/10/10 14:26	321-60-8	
Terphenyl-d14 (S)	100	%	33-141	1	06/09/10 15:05	06/10/10 14:26	1718-51-0	
Phenol-d6 (S)	62	%	10-110	1	06/09/10 15:05	06/10/10 14:26	13127-88-3	
2-Fluorophenol (S)	76	%	21-110	1	06/09/10 15:05	06/10/10 14:26	367-12-4	
2,4,6-Tribromophenol (S)	48	%	10-123	1	06/09/10 15:05	06/10/10 14:26	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**28.3**	ug/kg	9.2	1		06/08/10 08:50	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/08/10 08:50	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/08/10 08:50	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/08/10 08:50	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/08/10 08:50	74-83-9	
TOTAL BTEX	ND	ug/kg	27.7	1		06/08/10 08:50		
2-Butanone (MEK)	ND	ug/kg	9.2	1		06/08/10 08:50	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/08/10 08:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/08/10 08:50	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/08/10 08:50	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/08/10 08:50	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/08/10 08:50	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/08/10 08:50	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 08:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 08:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/08/10 08:50	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.2	1		06/08/10 08:50	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 08:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 08:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/08/10 08:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/08/10 08:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/08/10 08:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/08/10 08:50	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	100-41-4	
2-Hexanone	ND	ug/kg	9.2	1		06/08/10 08:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/08/10 08:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/08/10 08:50	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/08/10 08:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	1		06/08/10 08:50	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10A **Lab ID: 3028443033** Collected: 05/26/10 12:40 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/08/10 08:50	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/08/10 08:50	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/08/10 08:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/08/10 08:50	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/08/10 08:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/08/10 08:50	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/08/10 08:50	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/08/10 08:50	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/08/10 08:50	75-01-4	
Xylene (Total)	ND	ug/kg	13.9	1		06/08/10 08:50	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		06/08/10 08:50	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/08/10 08:50	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 08:50	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/08/10 08:50	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		06/08/10 08:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		06/10/10 12:21		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.3	1		06/08/10 16:58	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10A(ASTM) **Lab ID: 3028443034** Collected: 05/26/10 12:40 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:56	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10B **Lab ID: 3028443035** Collected: 05/26/10 12:43 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13600**	mg/kg	6.9	1	05/30/10 16:14	06/11/10 09:08	7429-90-5	
Antimony	ND	mg/kg	0.34	1	05/30/10 16:14	06/11/10 09:08	7440-36-0	
Arsenic	**12.0**	mg/kg	0.34	1	05/30/10 16:14	06/11/10 09:08	7440-38-2	
Barium	**215**	mg/kg	1.4	1	05/30/10 16:14	06/11/10 09:08	7440-39-3	
Beryllium	**0.70**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 09:08	7440-41-7	
Boron	**6.8**	mg/kg	3.4	1	05/30/10 16:14	06/11/10 09:08	7440-42-8	
Cadmium	**0.36**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 09:08	7440-43-9	
Calcium	**1610**	mg/kg	138	1	05/30/10 16:14	06/11/10 09:08	7440-70-2	
Chromium	**14.9**	mg/kg	0.34	1	05/30/10 16:14	06/11/10 09:08	7440-47-3	
Cobalt	**12.1**	mg/kg	0.69	1	05/30/10 16:14	06/11/10 09:08	7440-48-4	
Copper	**17.6**	mg/kg	0.69	1	05/30/10 16:14	06/11/10 09:08	7440-50-8	
Iron	**24900**	mg/kg	6.9	1	05/30/10 16:14	06/11/10 09:08	7439-89-6	
Lead	**13.6**	mg/kg	0.34	1	05/30/10 16:14	06/11/10 09:08	7439-92-1	
Magnesium	**4090**	mg/kg	34.5	1	05/30/10 16:14	06/11/10 09:08	7439-95-4	
Manganese	**665**	mg/kg	0.69	1	05/30/10 16:14	06/11/10 09:08	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:14	06/11/10 09:08	7439-98-7	
Nickel	**21.2**	mg/kg	1.4	1	05/30/10 16:14	06/11/10 09:08	7440-02-0	
Potassium	**1710**	mg/kg	34.5	1	05/30/10 16:14	06/11/10 09:08	7440-09-7	
Selenium	ND	mg/kg	0.34	1	05/30/10 16:14	06/11/10 16:40	7782-49-2	
Silver	**0.78**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 09:08	7440-22-4	
Sodium	ND	mg/kg	345	1	05/30/10 16:14	06/11/10 09:08	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:14	06/11/10 09:08	7440-28-0	
Vanadium	**15.9**	mg/kg	0.69	1	05/30/10 16:14	06/11/10 09:08	7440-62-2	
Zinc	**70.1**	mg/kg	0.69	1	05/30/10 16:14	06/11/10 09:08	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:21	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	83-32-9	
Acenaphthylene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	208-96-8	
Anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	120-12-7	
Benzo(a)anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	207-08-9	
Benzyl alcohol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	101-55-3	
Butylbenzylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	59-50-7	
4-Chloroaniline	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10B **Lab ID: 3028443035** Collected: 05/26/10 12:43 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	91-58-7	
2-Chlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	7005-72-3	
Chrysene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	53-70-3	
Dibenzofuran	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	120-83-2	
Diethylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	105-67-9	
Dimethylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	131-11-3	
Di-n-butylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	606-20-2	
Di-n-octylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	117-81-7	
Fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	206-44-0	
Fluorene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	87-68-3	
Hexachlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	77-47-4	
Hexachloroethane	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	193-39-5	
Isophorone	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	78-59-1	
2-Methylnaphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	733	1	06/09/10 15:05	06/10/10 14:48		
Naphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	91-20-3	
2-Nitroaniline	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	88-74-4	
3-Nitroaniline	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	99-09-2	
4-Nitroaniline	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	100-01-6	
Nitrobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	98-95-3	
2-Nitrophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	88-75-5	
4-Nitrophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	86-30-6	
Pentachlorophenol	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	87-86-5	
Phenanthrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	85-01-8	
Phenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	108-95-2	
Pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	129-00-0	

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10B **Lab ID: 3028443035** Collected: 05/26/10 12:43 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	916	1	06/09/10 15:05	06/10/10 14:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 14:48	88-06-2	
Nitrobenzene-d5 (S)	91	%	35-114	1	06/09/10 15:05	06/10/10 14:48	4165-60-0	
2-Fluorobiphenyl (S)	84	%	43-116	1	06/09/10 15:05	06/10/10 14:48	321-60-8	
Terphenyl-d14 (S)	98	%	33-141	1	06/09/10 15:05	06/10/10 14:48	1718-51-0	
Phenol-d6 (S)	65	%	10-110	1	06/09/10 15:05	06/10/10 14:48	13127-88-3	
2-Fluorophenol (S)	84	%	21-110	1	06/09/10 15:05	06/10/10 14:48	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-123	1	06/09/10 15:05	06/10/10 14:48	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**21.6**	ug/kg	10.8	1		06/08/10 09:14	67-64-1	
Benzene	ND	ug/kg	5.4	1		06/08/10 09:14	71-43-2	
Bromodichloromethane	ND	ug/kg	5.4	1		06/08/10 09:14	75-27-4	
Bromoform	ND	ug/kg	5.4	1		06/08/10 09:14	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		06/08/10 09:14	74-83-9	
TOTAL BTEX	ND	ug/kg	32.4	1		06/08/10 09:14		
2-Butanone (MEK)	ND	ug/kg	10.8	1		06/08/10 09:14	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	135-98-8	
Carbon disulfide	ND	ug/kg	5.4	1		06/08/10 09:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		06/08/10 09:14	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		06/08/10 09:14	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	75-00-3	
Chloroform	ND	ug/kg	5.4	1		06/08/10 09:14	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		06/08/10 09:14	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		06/08/10 09:14	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 09:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 09:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 09:14	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.8	1		06/08/10 09:14	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 09:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 09:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 09:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		06/08/10 09:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 09:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 09:14	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	100-41-4	
2-Hexanone	ND	ug/kg	10.8	1		06/08/10 09:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		06/08/10 09:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		06/08/10 09:14	99-87-6	
Methylene Chloride	ND	ug/kg	5.4	1		06/08/10 09:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	1		06/08/10 09:14	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10B **Lab ID: 3028443035** Collected: 05/26/10 12:43 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		06/08/10 09:14	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		06/08/10 09:14	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	103-65-1	
Styrene	ND	ug/kg	5.4	1		06/08/10 09:14	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		06/08/10 09:14	127-18-4	
Toluene	ND	ug/kg	5.4	1		06/08/10 09:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 09:14	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		06/08/10 09:14	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 09:14	108-67-8	
Vinyl chloride	ND	ug/kg	5.4	1		06/08/10 09:14	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	1		06/08/10 09:14	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	1		06/08/10 09:14	179601-23-1	
o-Xylene	ND	ug/kg	5.4	1		06/08/10 09:14	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/08/10 09:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/08/10 09:14	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/08/10 09:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	9.4	%	0.10	1		06/10/10 12:22		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	4.9	1		06/08/10 16:59	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P10B(ASTM) **Lab ID: 3028443036** Collected: 05/26/10 12:43 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:57	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9B **Lab ID: 3028443037** Collected: 05/26/10 12:22 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**10400**	mg/kg	6.4	1	05/30/10 16:14	06/11/10 09:11	7429-90-5	
Antimony	ND	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:11	7440-36-0	
Arsenic	**27.5**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:11	7440-38-2	
Barium	**427**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:11	7440-39-3	
Beryllium	**0.57**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:11	7440-41-7	
Boron	**5.8**	mg/kg	3.2	1	05/30/10 16:14	06/11/10 09:11	7440-42-8	
Cadmium	**0.36**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:11	7440-43-9	
Calcium	**5160**	mg/kg	129	1	05/30/10 16:14	06/11/10 09:11	7440-70-2	
Chromium	**12.9**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:11	7440-47-3	
Cobalt	**13.0**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:11	7440-48-4	
Copper	**12.9**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:11	7440-50-8	
Iron	**21900**	mg/kg	6.4	1	05/30/10 16:14	06/11/10 09:11	7439-89-6	
Lead	**35.7**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:11	7439-92-1	
Magnesium	**4570**	mg/kg	32.2	1	05/30/10 16:14	06/11/10 09:11	7439-95-4	
Manganese	**910**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:11	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:11	7439-98-7	
Nickel	**20.8**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:11	7440-02-0	
Potassium	**1300**	mg/kg	32.2	1	05/30/10 16:14	06/11/10 09:11	7440-09-7	
Selenium	ND	mg/kg	0.32	1	05/30/10 16:14	06/11/10 16:44	7782-49-2	
Silver	**0.73**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:11	7440-22-4	
Sodium	ND	mg/kg	322	1	05/30/10 16:14	06/11/10 09:11	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:11	7440-28-0	
Vanadium	**11.9**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:11	7440-62-2	
Zinc	**57.9**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:11	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:23	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	83-32-9	
Acenaphthylene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	208-96-8	
Anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	207-08-9	
Benzyl alcohol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	101-55-3	
Butylbenzylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	59-50-7	
4-Chloroaniline	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	108-60-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9B **Lab ID: 3028443037** Collected: 05/26/10 12:22 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	91-58-7	
2-Chlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	7005-72-3	
Chrysene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	53-70-3	
Dibenzofuran	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	120-83-2	
Diethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	105-67-9	
Dimethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	131-11-3	
Di-n-butylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	606-20-2	
Di-n-octylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	117-81-7	
Fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	206-44-0	
Fluorene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	87-68-3	
Hexachlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	77-47-4	
Hexachloroethane	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	193-39-5	
Isophorone	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	78-59-1	
2-Methylnaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	723	1	06/09/10 15:05	06/10/10 15:10		
Naphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	91-20-3	
2-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	88-74-4	
3-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	99-09-2	
4-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	100-01-6	
Nitrobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	98-95-3	
2-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	88-75-5	
4-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	86-30-6	
Pentachlorophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	87-86-5	
Phenanthrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	85-01-8	
Phenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	108-95-2	
Pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9B **Lab ID: 3028443037** Collected: 05/26/10 12:22 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 15:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 15:10	88-06-2	
Nitrobenzene-d5 (S)	92	%	35-114	1	06/09/10 15:05	06/10/10 15:10	4165-60-0	
2-Fluorobiphenyl (S)	84	%	43-116	1	06/09/10 15:05	06/10/10 15:10	321-60-8	
Terphenyl-d14 (S)	117	%	33-141	1	06/09/10 15:05	06/10/10 15:10	1718-51-0	
Phenol-d6 (S)	72	%	10-110	1	06/09/10 15:05	06/10/10 15:10	13127-88-3	
2-Fluorophenol (S)	84	%	21-110	1	06/09/10 15:05	06/10/10 15:10	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/09/10 15:05	06/10/10 15:10	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**127**	ug/kg	8.1	1		06/08/10 09:38	67-64-1	
Benzene	ND	ug/kg	4.1	1		06/08/10 09:38	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		06/08/10 09:38	75-27-4	
Bromoform	ND	ug/kg	4.1	1		06/08/10 09:38	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		06/08/10 09:38	74-83-9	
TOTAL BTEX	ND	ug/kg	24.4	1		06/08/10 09:38		
2-Butanone (MEK)	ND	ug/kg	8.1	1		06/08/10 09:38	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	135-98-8	
Carbon disulfide	**32.7**	ug/kg	4.1	1		06/08/10 09:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		06/08/10 09:38	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		06/08/10 09:38	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	75-00-3	
Chloroform	ND	ug/kg	4.1	1		06/08/10 09:38	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		06/08/10 09:38	74-87-3	
Dibromochloromethane	ND	ug/kg	4.1	1		06/08/10 09:38	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 09:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 09:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		06/08/10 09:38	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.1	1		06/08/10 09:38	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 09:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 09:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		06/08/10 09:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		06/08/10 09:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 09:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		06/08/10 09:38	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	100-41-4	
2-Hexanone	ND	ug/kg	8.1	1		06/08/10 09:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/08/10 09:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		06/08/10 09:38	99-87-6	
Methylene Chloride	ND	ug/kg	4.1	1		06/08/10 09:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.1	1		06/08/10 09:38	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9B **Lab ID: 3028443037** Collected: 05/26/10 12:22 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/08/10 09:38	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/08/10 09:38	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	103-65-1	
Styrene	ND	ug/kg	4.1	1		06/08/10 09:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		06/08/10 09:38	127-18-4	
Toluene	ND	ug/kg	4.1	1		06/08/10 09:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		06/08/10 09:38	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		06/08/10 09:38	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/08/10 09:38	108-67-8	
Vinyl chloride	ND	ug/kg	4.1	1		06/08/10 09:38	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		06/08/10 09:38	1330-20-7	
m&p-Xylene	ND	ug/kg	8.1	1		06/08/10 09:38	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		06/08/10 09:38	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 09:38	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 09:38	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 09:38	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		06/10/10 12:23		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**14.7**	mg/kg	4.9	1		06/08/10 17:01	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P9B(ASTM) **Lab ID: 3028443038** Collected: 05/26/10 12:22 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.5**	mg/L	3.0	1		06/07/10 16:58	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11A **Lab ID: 3028443039** Collected: 05/26/10 12:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14500**	mg/kg	7.8	1	05/30/10 16:14	06/11/10 09:14	7429-90-5	
Antimony	ND	mg/kg	0.39	1	05/30/10 16:14	06/11/10 09:14	7440-36-0	
Arsenic	**14.5**	mg/kg	0.39	1	05/30/10 16:14	06/11/10 09:14	7440-38-2	
Barium	**164**	mg/kg	1.6	1	05/30/10 16:14	06/11/10 09:14	7440-39-3	
Beryllium	**0.71**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 09:14	7440-41-7	
Boron	**7.3**	mg/kg	3.9	1	05/30/10 16:14	06/11/10 09:14	7440-42-8	
Cadmium	**0.41**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 09:14	7440-43-9	
Calcium	**1770**	mg/kg	156	1	05/30/10 16:14	06/11/10 09:14	7440-70-2	
Chromium	**16.1**	mg/kg	0.39	1	05/30/10 16:14	06/11/10 09:14	7440-47-3	
Cobalt	**12.3**	mg/kg	0.78	1	05/30/10 16:14	06/11/10 09:14	7440-48-4	
Copper	**14.5**	mg/kg	0.78	1	05/30/10 16:14	06/11/10 09:14	7440-50-8	
Iron	**28300**	mg/kg	7.8	1	05/30/10 16:14	06/11/10 09:14	7439-89-6	
Lead	**13.4**	mg/kg	0.39	1	05/30/10 16:14	06/11/10 09:14	7439-92-1	
Magnesium	**4620**	mg/kg	39.1	1	05/30/10 16:14	06/11/10 09:14	7439-95-4	
Manganese	**978**	mg/kg	0.78	1	05/30/10 16:14	06/11/10 09:14	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	05/30/10 16:14	06/11/10 09:14	7439-98-7	
Nickel	**25.6**	mg/kg	1.6	1	05/30/10 16:14	06/11/10 09:14	7440-02-0	
Potassium	**1600**	mg/kg	39.1	1	05/30/10 16:14	06/11/10 09:14	7440-09-7	
Selenium	ND	mg/kg	0.39	1	05/30/10 16:14	06/11/10 16:48	7782-49-2	
Silver	**0.94**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 09:14	7440-22-4	
Sodium	ND	mg/kg	391	1	05/30/10 16:14	06/11/10 09:14	7440-23-5	
Thallium	ND	mg/kg	1.6	1	05/30/10 16:14	06/11/10 09:14	7440-28-0	
Vanadium	**16.9**	mg/kg	0.78	1	05/30/10 16:14	06/11/10 09:14	7440-62-2	
Zinc	**70.6**	mg/kg	0.78	1	05/30/10 16:14	06/11/10 09:14	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:24	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	83-32-9	
Acenaphthylene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	208-96-8	
Anthracene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	207-08-9	
Benzyl alcohol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	59-50-7	
4-Chloroaniline	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11A **Lab ID: 3028443039** Collected: 05/26/10 12:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	91-58-7	
2-Chlorophenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	7005-72-3	
Chrysene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	53-70-3	
Dibenzofuran	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	120-83-2	
Diethylphthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	105-67-9	
Dimethylphthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	117-81-7	
Fluoranthene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	206-44-0	
Fluorene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	77-47-4	
Hexachloroethane	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	193-39-5	
Isophorone	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	78-59-1	
2-Methylnaphthalene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	734	1	06/09/10 15:05	06/10/10 15:32		
Naphthalene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	91-20-3	
2-Nitroaniline	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	88-74-4	
3-Nitroaniline	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	99-09-2	
4-Nitroaniline	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	100-01-6	
Nitrobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	98-95-3	
2-Nitrophenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	88-75-5	
4-Nitrophenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	86-30-6	
Pentachlorophenol	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	87-86-5	
Phenanthrene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	85-01-8	
Phenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	108-95-2	
Pyrene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	129-00-0	

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11A **Lab ID: 3028443039** Collected: 05/26/10 12:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	918	1	06/09/10 15:05	06/10/10 15:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	367	1	06/09/10 15:05	06/10/10 15:32	88-06-2	
Nitrobenzene-d5 (S)	79	%	35-114	1	06/09/10 15:05	06/10/10 15:32	4165-60-0	
2-Fluorobiphenyl (S)	84	%	43-116	1	06/09/10 15:05	06/10/10 15:32	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/09/10 15:05	06/10/10 15:32	1718-51-0	
Phenol-d6 (S)	26	%	10-110	1	06/09/10 15:05	06/10/10 15:32	13127-88-3	
2-Fluorophenol (S)	63	%	21-110	1	06/09/10 15:05	06/10/10 15:32	367-12-4	
2,4,6-Tribromophenol (S)	51	%	10-123	1	06/09/10 15:05	06/10/10 15:32	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**94.1**	ug/kg	10.8	1		06/08/10 10:03	67-64-1	
Benzene	ND	ug/kg	5.4	1		06/08/10 10:03	71-43-2	
Bromodichloromethane	ND	ug/kg	5.4	1		06/08/10 10:03	75-27-4	
Bromoform	ND	ug/kg	5.4	1		06/08/10 10:03	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		06/08/10 10:03	74-83-9	
TOTAL BTEX	ND	ug/kg	32.4	1		06/08/10 10:03		
2-Butanone (MEK)	ND	ug/kg	10.8	1		06/08/10 10:03	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	135-98-8	
Carbon disulfide	ND	ug/kg	5.4	1		06/08/10 10:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		06/08/10 10:03	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		06/08/10 10:03	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	75-00-3	
Chloroform	ND	ug/kg	5.4	1		06/08/10 10:03	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		06/08/10 10:03	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		06/08/10 10:03	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 10:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 10:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 10:03	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.8	1		06/08/10 10:03	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 10:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 10:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 10:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		06/08/10 10:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 10:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 10:03	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	100-41-4	
2-Hexanone	ND	ug/kg	10.8	1		06/08/10 10:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		06/08/10 10:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		06/08/10 10:03	99-87-6	
Methylene Chloride	ND	ug/kg	5.4	1		06/08/10 10:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.8	1		06/08/10 10:03	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11A **Lab ID: 3028443039** Collected: 05/26/10 12:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		06/08/10 10:03	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		06/08/10 10:03	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	103-65-1	
Styrene	ND	ug/kg	5.4	1		06/08/10 10:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		06/08/10 10:03	127-18-4	
Toluene	ND	ug/kg	5.4	1		06/08/10 10:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 10:03	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		06/08/10 10:03	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 10:03	108-67-8	
Vinyl chloride	ND	ug/kg	5.4	1		06/08/10 10:03	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	1		06/08/10 10:03	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	1		06/08/10 10:03	179601-23-1	
o-Xylene	ND	ug/kg	5.4	1		06/08/10 10:03	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 10:03	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 10:03	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/08/10 10:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/10/10 12:24		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.5**	mg/kg	5.4	1		06/09/10 16:45	7664-41-7	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11A(ASTM) **Lab ID: 3028443040** Collected: 05/26/10 12:55 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:59	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11B **Lab ID: 3028443041** Collected: 05/26/10 12:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13600**	mg/kg	6.4	1	05/30/10 16:14	06/11/10 09:17	7429-90-5	
Antimony	ND	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:17	7440-36-0	
Arsenic	**19.9**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:17	7440-38-2	
Barium	**126**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:17	7440-39-3	
Beryllium	**0.76**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:17	7440-41-7	
Boron	**6.0**	mg/kg	3.2	1	05/30/10 16:14	06/11/10 09:17	7440-42-8	
Cadmium	**0.37**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:17	7440-43-9	
Calcium	**1970**	mg/kg	129	1	05/30/10 16:14	06/11/10 09:17	7440-70-2	
Chromium	**14.4**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:17	7440-47-3	
Cobalt	**11.9**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:17	7440-48-4	
Copper	**17.8**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:17	7440-50-8	
Iron	**25700**	mg/kg	6.4	1	05/30/10 16:14	06/11/10 09:17	7439-89-6	
Lead	**19.0**	mg/kg	0.32	1	05/30/10 16:14	06/11/10 09:17	7439-92-1	
Magnesium	**4030**	mg/kg	32.1	1	05/30/10 16:14	06/11/10 09:17	7439-95-4	
Manganese	**772**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:17	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:17	7439-98-7	
Nickel	**22.7**	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:17	7440-02-0	
Potassium	**1780**	mg/kg	32.1	1	05/30/10 16:14	06/11/10 09:17	7440-09-7	
Selenium	ND	mg/kg	0.32	1	05/30/10 16:14	06/11/10 16:53	7782-49-2	
Silver	**0.58**	mg/kg	0.13	1	05/30/10 16:14	06/11/10 09:17	7440-22-4	
Sodium	ND	mg/kg	321	1	05/30/10 16:14	06/11/10 09:17	7440-23-5	
Thallium	ND	mg/kg	1.3	1	05/30/10 16:14	06/11/10 09:17	7440-28-0	
Vanadium	**15.3**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:17	7440-62-2	
Zinc	**67.3**	mg/kg	0.64	1	05/30/10 16:14	06/11/10 09:17	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:29	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	83-32-9	
Acenaphthylene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	208-96-8	
Anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	207-08-9	
Benzyl alcohol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	59-50-7	
4-Chloroaniline	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11B **Lab ID: 3028443041** Collected: 05/26/10 12:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	91-58-7	
2-Chlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	7005-72-3	
Chrysene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	53-70-3	
Dibenzofuran	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	120-83-2	
Diethylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	105-67-9	
Dimethylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	117-81-7	
Fluoranthene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	206-44-0	
Fluorene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	77-47-4	
Hexachloroethane	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	193-39-5	
Isophorone	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	78-59-1	
2-Methylnaphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	732	1	06/09/10 15:05	06/10/10 15:54		
Naphthalene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	91-20-3	
2-Nitroaniline	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	88-74-4	
3-Nitroaniline	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	99-09-2	
4-Nitroaniline	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	100-01-6	
Nitrobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	98-95-3	
2-Nitrophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	88-75-5	
4-Nitrophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	86-30-6	
Pentachlorophenol	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	87-86-5	
Phenanthrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	85-01-8	
Phenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	108-95-2	
Pyrene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11B **Lab ID: 3028443041** Collected: 05/26/10 12:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	915	1	06/09/10 15:05	06/10/10 15:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	366	1	06/09/10 15:05	06/10/10 15:54	88-06-2	
Nitrobenzene-d5 (S)	78	%	35-114	1	06/09/10 15:05	06/10/10 15:54	4165-60-0	
2-Fluorobiphenyl (S)	71	%	43-116	1	06/09/10 15:05	06/10/10 15:54	321-60-8	
Terphenyl-d14 (S)	102	%	33-141	1	06/09/10 15:05	06/10/10 15:54	1718-51-0	
Phenol-d6 (S)	48	%	10-110	1	06/09/10 15:05	06/10/10 15:54	13127-88-3	
2-Fluorophenol (S)	58	%	21-110	1	06/09/10 15:05	06/10/10 15:54	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-123	1	06/09/10 15:05	06/10/10 15:54	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**15.0**	ug/kg	8.8	1		06/09/10 14:21	67-64-1	
Benzene	ND	ug/kg	4.4	1		06/09/10 14:21	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		06/09/10 14:21	75-27-4	
Bromoform	ND	ug/kg	4.4	1		06/09/10 14:21	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		06/09/10 14:21	74-83-9	
TOTAL BTEX	ND	ug/kg	26.3	1		06/09/10 14:21		
2-Butanone (MEK)	ND	ug/kg	8.8	1		06/09/10 14:21	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	135-98-8	
Carbon disulfide	ND	ug/kg	4.4	1		06/09/10 14:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		06/09/10 14:21	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		06/09/10 14:21	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	75-00-3	
Chloroform	ND	ug/kg	4.4	1		06/09/10 14:21	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		06/09/10 14:21	74-87-3	
Dibromochloromethane	ND	ug/kg	4.4	1		06/09/10 14:21	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		06/09/10 14:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		06/09/10 14:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		06/09/10 14:21	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.8	1		06/09/10 14:21	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.4	1		06/09/10 14:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/09/10 14:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		06/09/10 14:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		06/09/10 14:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/09/10 14:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		06/09/10 14:21	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	100-41-4	
2-Hexanone	ND	ug/kg	8.8	1		06/09/10 14:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/09/10 14:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		06/09/10 14:21	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		06/09/10 14:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.8	1		06/09/10 14:21	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11B **Lab ID: 3028443041** Collected: 05/26/10 12:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/09/10 14:21	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/09/10 14:21	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	103-65-1	
Styrene	ND	ug/kg	4.4	1		06/09/10 14:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		06/09/10 14:21	127-18-4	
Toluene	ND	ug/kg	4.4	1		06/09/10 14:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		06/09/10 14:21	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		06/09/10 14:21	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/09/10 14:21	108-67-8	
Vinyl chloride	ND	ug/kg	4.4	1		06/09/10 14:21	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1		06/09/10 14:21	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		06/09/10 14:21	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		06/09/10 14:21	95-47-6	
Toluene-d8 (S)	88	%	70-130	1		06/09/10 14:21	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/09/10 14:21	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130	1		06/09/10 14:21	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		06/10/10 13:46		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.2	1		06/09/10 16:46	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11B(ASTM) **Lab ID: 3028443042** Collected: 05/26/10 12:57 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 16:59	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11C **Lab ID: 3028443043** Collected: 05/26/10 12:59 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13600**	mg/kg	7.1	1	05/30/10 16:14	06/11/10 10:54	7429-90-5	
Antimony	ND	mg/kg	0.35	1	05/30/10 16:14	06/11/10 10:54	7440-36-0	
Arsenic	**14.5**	mg/kg	0.35	1	05/30/10 16:14	06/11/10 10:54	7440-38-2	
Barium	**117**	mg/kg	1.4	1	05/30/10 16:14	06/11/10 10:54	7440-39-3	
Beryllium	**0.75**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 10:54	7440-41-7	
Boron	**7.4**	mg/kg	3.5	1	05/30/10 16:14	06/11/10 10:54	7440-42-8	
Cadmium	**0.46**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 10:54	7440-43-9	
Calcium	**2040**	mg/kg	142	1	05/30/10 16:14	06/11/10 10:54	7440-70-2	
Chromium	**15.7**	mg/kg	0.35	1	05/30/10 16:14	06/11/10 10:54	7440-47-3	
Cobalt	**11.7**	mg/kg	0.71	1	05/30/10 16:14	06/11/10 10:54	7440-48-4	
Copper	**17.4**	mg/kg	0.71	1	05/30/10 16:14	06/11/10 10:54	7440-50-8	
Iron	**27800**	mg/kg	7.1	1	05/30/10 16:14	06/11/10 10:54	7439-89-6	
Lead	**13.3**	mg/kg	0.35	1	05/30/10 16:14	06/11/10 10:54	7439-92-1	
Magnesium	**4400**	mg/kg	35.5	1	05/30/10 16:14	06/11/10 10:54	7439-95-4	
Manganese	**623**	mg/kg	0.71	1	05/30/10 16:14	06/11/10 10:54	7439-96-5	
Molybdenum	ND	mg/kg	1.4	1	05/30/10 16:14	06/11/10 10:54	7439-98-7	
Nickel	**22.8**	mg/kg	1.4	1	05/30/10 16:14	06/11/10 10:54	7440-02-0	
Potassium	**1720**	mg/kg	35.5	1	05/30/10 16:14	06/11/10 10:54	7440-09-7	
Selenium	ND	mg/kg	0.35	1	05/30/10 16:14	06/11/10 16:57	7782-49-2	
Silver	**0.93**	mg/kg	0.14	1	05/30/10 16:14	06/11/10 10:54	7440-22-4	
Sodium	ND	mg/kg	355	1	05/30/10 16:14	06/11/10 10:54	7440-23-5	
Thallium	ND	mg/kg	1.4	1	05/30/10 16:14	06/11/10 10:54	7440-28-0	
Vanadium	**15.8**	mg/kg	0.71	1	05/30/10 16:14	06/11/10 10:54	7440-62-2	
Zinc	**72.2**	mg/kg	0.71	1	05/30/10 16:14	06/11/10 10:54	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:31	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	83-32-9	
Acenaphthylene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	208-96-8	
Anthracene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	207-08-9	
Benzyl alcohol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	59-50-7	
4-Chloroaniline	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11C **Lab ID: 3028443043** Collected: 05/26/10 12:59 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	91-58-7	
2-Chlorophenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	7005-72-3	
Chrysene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	53-70-3	
Dibenzofuran	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	120-83-2	
Diethylphthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	105-67-9	
Dimethylphthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	131-11-3	
Di-n-butylphthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	606-20-2	
Di-n-octylphthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	117-81-7	
Fluoranthene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	206-44-0	
Fluorene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	87-68-3	
Hexachlorobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	77-47-4	
Hexachloroethane	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	193-39-5	
Isophorone	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	78-59-1	
2-Methylnaphthalene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	742	1	06/09/10 15:05	06/10/10 17:22		
Naphthalene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	91-20-3	
2-Nitroaniline	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	88-74-4	
3-Nitroaniline	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	99-09-2	
4-Nitroaniline	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	100-01-6	
Nitrobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	98-95-3	
2-Nitrophenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	88-75-5	
4-Nitrophenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	86-30-6	
Pentachlorophenol	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	87-86-5	
Phenanthrene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	85-01-8	
Phenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	108-95-2	
Pyrene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11C **Lab ID: 3028443043** Collected: 05/26/10 12:59 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	928	1	06/09/10 15:05	06/10/10 17:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	371	1	06/09/10 15:05	06/10/10 17:22	88-06-2	
Nitrobenzene-d5 (S)	86	%	35-114	1	06/09/10 15:05	06/10/10 17:22	4165-60-0	
2-Fluorobiphenyl (S)	78	%	43-116	1	06/09/10 15:05	06/10/10 17:22	321-60-8	
Terphenyl-d14 (S)	99	%	33-141	1	06/09/10 15:05	06/10/10 17:22	1718-51-0	
Phenol-d6 (S)	55	%	10-110	1	06/09/10 15:05	06/10/10 17:22	13127-88-3	
2-Fluorophenol (S)	66	%	21-110	1	06/09/10 15:05	06/10/10 17:22	367-12-4	
2,4,6-Tribromophenol (S)	49	%	10-123	1	06/09/10 15:05	06/10/10 17:22	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**31.2**	ug/kg	15.9	1		06/09/10 14:45	67-64-1	
Benzene	ND	ug/kg	8.0	1		06/09/10 14:45	71-43-2	
Bromodichloromethane	ND	ug/kg	8.0	1		06/09/10 14:45	75-27-4	
Bromoform	ND	ug/kg	8.0	1		06/09/10 14:45	75-25-2	
Bromomethane	ND	ug/kg	8.0	1		06/09/10 14:45	74-83-9	
TOTAL BTEX	ND	ug/kg	47.8	1		06/09/10 14:45		
2-Butanone (MEK)	ND	ug/kg	15.9	1		06/09/10 14:45	78-93-3	
n-Butylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	135-98-8	
Carbon disulfide	ND	ug/kg	8.0	1		06/09/10 14:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.0	1		06/09/10 14:45	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	1		06/09/10 14:45	108-90-7	
Chloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	75-00-3	
Chloroform	ND	ug/kg	8.0	1		06/09/10 14:45	67-66-3	
Chloromethane	ND	ug/kg	8.0	1		06/09/10 14:45	74-87-3	
Dibromochloromethane	ND	ug/kg	8.0	1		06/09/10 14:45	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	8.0	1		06/09/10 14:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	1		06/09/10 14:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	1		06/09/10 14:45	106-46-7	
1,1-Dichloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	15.9	1		06/09/10 14:45	540-59-0	
1,1-Dichloroethene	ND	ug/kg	8.0	1		06/09/10 14:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/09/10 14:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	1		06/09/10 14:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	1		06/09/10 14:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/09/10 14:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	1		06/09/10 14:45	10061-02-6	
Ethylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	100-41-4	
2-Hexanone	ND	ug/kg	15.9	1		06/09/10 14:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		06/09/10 14:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	1		06/09/10 14:45	99-87-6	
Methylene Chloride	ND	ug/kg	8.0	1		06/09/10 14:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	15.9	1		06/09/10 14:45	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11C **Lab ID: 3028443043** Collected: 05/26/10 12:59 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		06/09/10 14:45	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		06/09/10 14:45	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	103-65-1	
Styrene	ND	ug/kg	8.0	1		06/09/10 14:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	1		06/09/10 14:45	127-18-4	
Toluene	ND	ug/kg	8.0	1		06/09/10 14:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	1		06/09/10 14:45	79-00-5	
Trichloroethene	ND	ug/kg	8.0	1		06/09/10 14:45	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 14:45	108-67-8	
Vinyl chloride	ND	ug/kg	8.0	1		06/09/10 14:45	75-01-4	
Xylene (Total)	ND	ug/kg	23.9	1		06/09/10 14:45	1330-20-7	
m&p-Xylene	ND	ug/kg	15.9	1		06/09/10 14:45	179601-23-1	
o-Xylene	ND	ug/kg	8.0	1		06/09/10 14:45	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 14:45	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/09/10 14:45	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130	1		06/09/10 14:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.8**	%	0.10	1		06/10/10 13:47		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.6	1		06/09/10 16:47	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P11C(ASTM) **Lab ID: 3028443044** Collected: 05/26/10 12:59 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 17:00	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8B **Lab ID: 3028443045** Collected: 05/26/10 11:17 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**16600**	mg/kg	7.9	1	05/30/10 16:14	06/11/10 10:57	7429-90-5	
Antimony	**0.69**	mg/kg	0.40	1	05/30/10 16:14	06/11/10 10:57	7440-36-0	
Arsenic	**9.1**	mg/kg	0.40	1	05/30/10 16:14	06/11/10 10:57	7440-38-2	
Barium	**160**	mg/kg	1.6	1	05/30/10 16:14	06/11/10 10:57	7440-39-3	
Beryllium	**0.81**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 10:57	7440-41-7	
Boron	**7.7**	mg/kg	4.0	1	05/30/10 16:14	06/11/10 10:57	7440-42-8	
Cadmium	**0.48**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 10:57	7440-43-9	
Calcium	**1110**	mg/kg	159	1	05/30/10 16:14	06/11/10 10:57	7440-70-2	
Chromium	**17.1**	mg/kg	0.40	1	05/30/10 16:14	06/11/10 10:57	7440-47-3	
Cobalt	**13.0**	mg/kg	0.79	1	05/30/10 16:14	06/11/10 10:57	7440-48-4	
Copper	**18.2**	mg/kg	0.79	1	05/30/10 16:14	06/11/10 10:57	7440-50-8	
Iron	**26900**	mg/kg	7.9	1	05/30/10 16:14	06/11/10 10:57	7439-89-6	
Lead	**12.3**	mg/kg	0.40	1	05/30/10 16:14	06/11/10 10:57	7439-92-1	
Magnesium	**4470**	mg/kg	39.7	1	05/30/10 16:14	06/11/10 10:57	7439-95-4	
Manganese	**1360**	mg/kg	0.79	1	05/30/10 16:14	06/11/10 10:57	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	05/30/10 16:14	06/11/10 10:57	7439-98-7	
Nickel	**24.7**	mg/kg	1.6	1	05/30/10 16:14	06/11/10 10:57	7440-02-0	
Potassium	**1930**	mg/kg	39.7	1	05/30/10 16:14	06/11/10 10:57	7440-09-7	
Selenium	ND	mg/kg	0.40	1	05/30/10 16:14	06/11/10 17:01	7782-49-2	
Silver	**1.0**	mg/kg	0.16	1	05/30/10 16:14	06/11/10 10:57	7440-22-4	
Sodium	ND	mg/kg	397	1	05/30/10 16:14	06/11/10 10:57	7440-23-5	
Thallium	ND	mg/kg	1.6	1	05/30/10 16:14	06/11/10 10:57	7440-28-0	
Vanadium	**17.5**	mg/kg	0.79	1	05/30/10 16:14	06/11/10 10:57	7440-62-2	
Zinc	**72.6**	mg/kg	0.79	1	05/30/10 16:14	06/11/10 10:57	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:32	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	83-32-9	
Acenaphthylene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	208-96-8	
Anthracene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	120-12-7	
Benzo(a)anthracene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	56-55-3	
Benzo(a)pyrene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	207-08-9	
Benzyl alcohol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	59-50-7	
4-Chloroaniline	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8B **Lab ID: 3028443045** Collected: 05/26/10 11:17 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	91-58-7	
2-Chlorophenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	7005-72-3	
Chrysene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	53-70-3	
Dibenzofuran	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	120-83-2	
Diethylphthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	105-67-9	
Dimethylphthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	117-81-7	
Fluoranthene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	206-44-0	
Fluorene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	87-68-3	
Hexachlorobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	77-47-4	
Hexachloroethane	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	193-39-5	
Isophorone	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	78-59-1	
2-Methylnaphthalene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	757	1	06/09/10 15:05	06/10/10 17:44		
Naphthalene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	91-20-3	
2-Nitroaniline	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	88-74-4	
3-Nitroaniline	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	99-09-2	
4-Nitroaniline	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	100-01-6	
Nitrobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	98-95-3	
2-Nitrophenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	88-75-5	
4-Nitrophenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	86-30-6	
Pentachlorophenol	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	87-86-5	
Phenanthrene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	85-01-8	
Phenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	108-95-2	
Pyrene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	129-00-0	

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8B **Lab ID: 3028443045** Collected: 05/26/10 11:17 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	947	1	06/09/10 15:05	06/10/10 17:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	379	1	06/09/10 15:05	06/10/10 17:44	88-06-2	
Nitrobenzene-d5 (S)	74	%	35-114	1	06/09/10 15:05	06/10/10 17:44	4165-60-0	
2-Fluorobiphenyl (S)	65	%	43-116	1	06/09/10 15:05	06/10/10 17:44	321-60-8	
Terphenyl-d14 (S)	100	%	33-141	1	06/09/10 15:05	06/10/10 17:44	1718-51-0	
Phenol-d6 (S)	56	%	10-110	1	06/09/10 15:05	06/10/10 17:44	13127-88-3	
2-Fluorophenol (S)	65	%	21-110	1	06/09/10 15:05	06/10/10 17:44	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-123	1	06/09/10 15:05	06/10/10 17:44	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**35.5**	ug/kg	9.2	1		06/09/10 15:09	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/09/10 15:09	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/09/10 15:09	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/09/10 15:09	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/09/10 15:09	74-83-9	
TOTAL BTEX	ND	ug/kg	27.5	1		06/09/10 15:09		
2-Butanone (MEK)	ND	ug/kg	9.2	1		06/09/10 15:09	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/09/10 15:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/09/10 15:09	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/09/10 15:09	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/09/10 15:09	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/09/10 15:09	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/09/10 15:09	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/09/10 15:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/09/10 15:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/09/10 15:09	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.2	1		06/09/10 15:09	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/09/10 15:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/09/10 15:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/09/10 15:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/09/10 15:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/09/10 15:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/09/10 15:09	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	100-41-4	
2-Hexanone	ND	ug/kg	9.2	1		06/09/10 15:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/09/10 15:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/09/10 15:09	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/09/10 15:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.2	1		06/09/10 15:09	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8B **Lab ID: 3028443045** Collected: 05/26/10 11:17 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/09/10 15:09	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/09/10 15:09	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/09/10 15:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/09/10 15:09	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/09/10 15:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/09/10 15:09	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/09/10 15:09	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/09/10 15:09	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/09/10 15:09	75-01-4	
Xylene (Total)	ND	ug/kg	13.8	1		06/09/10 15:09	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		06/09/10 15:09	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/09/10 15:09	95-47-6	
Toluene-d8 (S)	89	%	70-130	1		06/09/10 15:09	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130	1		06/09/10 15:09	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130	1		06/09/10 15:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.6**	%	0.10	1		06/10/10 13:48		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**9.5**	mg/kg	5.3	1		06/09/10 16:48	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P8B(ASTM) **Lab ID: 3028443046** Collected: 05/26/10 11:17 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 17:01	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P12A **Lab ID: 3028443047** Collected: 05/26/10 13:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**17900**	mg/kg	9.7	1	05/30/10 16:14	06/11/10 10:59	7429-90-5	
Antimony	ND	mg/kg	0.48	1	05/30/10 16:14	06/11/10 10:59	7440-36-0	
Arsenic	**11.3**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 10:59	7440-38-2	
Barium	**176**	mg/kg	1.9	1	05/30/10 16:14	06/11/10 10:59	7440-39-3	
Beryllium	**0.78**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 10:59	7440-41-7	
Boron	**7.8**	mg/kg	4.8	1	05/30/10 16:14	06/11/10 10:59	7440-42-8	
Cadmium	**0.47**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 10:59	7440-43-9	
Calcium	**1630**	mg/kg	194	1	05/30/10 16:14	06/11/10 10:59	7440-70-2	
Chromium	**17.8**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 10:59	7440-47-3	
Cobalt	**12.0**	mg/kg	0.97	1	05/30/10 16:14	06/11/10 10:59	7440-48-4	
Copper	**17.3**	mg/kg	0.97	1	05/30/10 16:14	06/11/10 10:59	7440-50-8	
Iron	**25300**	mg/kg	9.7	1	05/30/10 16:14	06/11/10 10:59	7439-89-6	
Lead	**16.6**	mg/kg	0.48	1	05/30/10 16:14	06/11/10 10:59	7439-92-1	
Magnesium	**4370**	mg/kg	48.5	1	05/30/10 16:14	06/11/10 10:59	7439-95-4	
Manganese	**1450**	mg/kg	0.97	1	05/30/10 16:14	06/11/10 10:59	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	05/30/10 16:14	06/11/10 10:59	7439-98-7	
Nickel	**24.4**	mg/kg	1.9	1	05/30/10 16:14	06/11/10 10:59	7440-02-0	
Potassium	**1940**	mg/kg	48.5	1	05/30/10 16:14	06/11/10 10:59	7440-09-7	
Selenium	ND	mg/kg	0.48	1	05/30/10 16:14	06/11/10 17:05	7782-49-2	
Silver	**0.87**	mg/kg	0.19	1	05/30/10 16:14	06/11/10 10:59	7440-22-4	
Sodium	ND	mg/kg	485	1	05/30/10 16:14	06/11/10 10:59	7440-23-5	
Thallium	ND	mg/kg	1.9	1	05/30/10 16:14	06/11/10 10:59	7440-28-0	
Vanadium	**19.7**	mg/kg	0.97	1	05/30/10 16:14	06/11/10 10:59	7440-62-2	
Zinc	**75.2**	mg/kg	0.97	1	05/30/10 16:14	06/11/10 10:59	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:34	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	83-32-9	
Acenaphthylene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	208-96-8	
Anthracene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	207-08-9	
Benzyl alcohol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	59-50-7	
4-Chloroaniline	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P12A **Lab ID: 3028443047** Collected: 05/26/10 13:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	91-58-7	
2-Chlorophenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	7005-72-3	
Chrysene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	53-70-3	
Dibenzofuran	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	120-83-2	
Diethylphthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	105-67-9	
Dimethylphthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	117-81-7	
Fluoranthene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	206-44-0	
Fluorene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	87-68-3	
Hexachlorobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	77-47-4	
Hexachloroethane	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	193-39-5	
Isophorone	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	78-59-1	
2-Methylnaphthalene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	736	1	06/09/10 15:05	06/10/10 18:06		
Naphthalene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	91-20-3	
2-Nitroaniline	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	88-74-4	
3-Nitroaniline	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	99-09-2	
4-Nitroaniline	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	100-01-6	
Nitrobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	98-95-3	
2-Nitrophenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	88-75-5	
4-Nitrophenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	86-30-6	
Pentachlorophenol	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	87-86-5	
Phenanthrene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	85-01-8	
Phenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	108-95-2	
Pyrene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P12A **Lab ID: 3028443047** Collected: 05/26/10 13:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	921	1	06/09/10 15:05	06/10/10 18:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	1	06/09/10 15:05	06/10/10 18:06	88-06-2	
Nitrobenzene-d5 (S)	95	%	35-114	1	06/09/10 15:05	06/10/10 18:06	4165-60-0	
2-Fluorobiphenyl (S)	82	%	43-116	1	06/09/10 15:05	06/10/10 18:06	321-60-8	
Terphenyl-d14 (S)	106	%	33-141	1	06/09/10 15:05	06/10/10 18:06	1718-51-0	
Phenol-d6 (S)	59	%	10-110	1	06/09/10 15:05	06/10/10 18:06	13127-88-3	
2-Fluorophenol (S)	68	%	21-110	1	06/09/10 15:05	06/10/10 18:06	367-12-4	
2,4,6-Tribromophenol (S)	46	%	10-123	1	06/09/10 15:05	06/10/10 18:06	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**30.2**	ug/kg	9.9	1		06/09/10 15:33	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/09/10 15:33	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/09/10 15:33	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/09/10 15:33	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/09/10 15:33	74-83-9	
TOTAL BTEX	ND	ug/kg	29.6	1		06/09/10 15:33		
2-Butanone (MEK)	ND	ug/kg	9.9	1		06/09/10 15:33	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/09/10 15:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/09/10 15:33	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/09/10 15:33	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/09/10 15:33	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/09/10 15:33	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/09/10 15:33	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/09/10 15:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/09/10 15:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/09/10 15:33	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.9	1		06/09/10 15:33	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/09/10 15:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/09/10 15:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/09/10 15:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/09/10 15:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/09/10 15:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/09/10 15:33	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	100-41-4	
2-Hexanone	ND	ug/kg	9.9	1		06/09/10 15:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/09/10 15:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/09/10 15:33	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/09/10 15:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.9	1		06/09/10 15:33	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P12A **Lab ID: 3028443047** Collected: 05/26/10 13:05 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/09/10 15:33	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/09/10 15:33	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/09/10 15:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/09/10 15:33	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/09/10 15:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/09/10 15:33	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/09/10 15:33	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/09/10 15:33	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/09/10 15:33	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		06/09/10 15:33	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1		06/09/10 15:33	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/09/10 15:33	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 15:33	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130	1		06/09/10 15:33	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130	1		06/09/10 15:33	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		06/10/10 13:48		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**8.8**	mg/kg	5.2	1		06/09/10 16:49	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: G-7-P12A(ASTM) **Lab ID: 3028443048** Collected: 05/26/10 13:05 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/07/10 11:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/07/10 17:01	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: TRIP BLANK **Lab ID: 3028443049** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/01/10 22:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/01/10 22:49	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/01/10 22:49	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/01/10 22:49	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:49	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:49	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/01/10 22:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:49	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/01/10 22:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/01/10 22:49	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/01/10 22:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 22:49	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/01/10 22:49	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/01/10 22:49	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/01/10 22:49	108-10-1	
Acetone	ND	ug/L	10.0	1		06/01/10 22:49	67-64-1	
Benzene	ND	ug/L	1.0	1		06/01/10 22:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/01/10 22:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/01/10 22:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/01/10 22:49	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/01/10 22:49	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/01/10 22:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/01/10 22:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/01/10 22:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/01/10 22:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/01/10 22:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/01/10 22:49	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/01/10 22:49	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/01/10 22:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/01/10 22:49	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/01/10 22:49	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/01/10 22:49	91-20-3	
Styrene	ND	ug/L	1.0	1		06/01/10 22:49	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/01/10 22:49	127-18-4	
Toluene	ND	ug/L	1.0	1		06/01/10 22:49	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/01/10 22:49	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/01/10 22:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/01/10 22:49	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 22:49	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/01/10 22:49	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	103-65-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028443

Sample: TRIP BLANK **Lab ID: 3028443049** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		06/01/10 22:49	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/01/10 22:49	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/01/10 22:49	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 22:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 22:49	10061-02-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/01/10 22:49	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		06/01/10 22:49	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/01/10 22:49	2037-26-5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MPRP/3951 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009

METHOD BLANK: 176684 Matrix: Solid
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/10/10 08:49	
Antimony	mg/kg	ND	0.50	06/10/10 11:54	
Arsenic	mg/kg	ND	0.50	06/10/10 08:49	
Barium	mg/kg	ND	2.0	06/10/10 08:49	
Beryllium	mg/kg	ND	0.20	06/10/10 08:49	
Boron	mg/kg	ND	5.0	06/10/10 08:49	
Cadmium	mg/kg	ND	0.20	06/10/10 08:49	
Calcium	mg/kg	ND	200	06/10/10 08:49	
Chromium	mg/kg	ND	0.50	06/10/10 08:49	
Cobalt	mg/kg	ND	1.0	06/10/10 08:49	
Copper	mg/kg	ND	1.0	06/10/10 08:49	
Iron	mg/kg	ND	10.0	06/10/10 08:49	
Lead	mg/kg	ND	0.50	06/10/10 08:49	
Magnesium	mg/kg	ND	50.0	06/10/10 08:49	
Manganese	mg/kg	ND	1.0	06/10/10 08:49	
Molybdenum	mg/kg	ND	2.0	06/10/10 08:49	
Nickel	mg/kg	ND	2.0	06/10/10 08:49	
Potassium	mg/kg	ND	50.0	06/10/10 08:49	
Selenium	mg/kg	ND	0.50	06/10/10 08:49	
Silver	mg/kg	ND	0.20	06/10/10 11:54	
Sodium	mg/kg	ND	500	06/10/10 08:49	
Thallium	mg/kg	ND	2.0	06/10/10 11:54	
Vanadium	mg/kg	ND	1.0	06/10/10 08:49	
Zinc	mg/kg	ND	1.0	06/10/10 08:49	

LABORATORY CONTROL SAMPLE: 176685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	482	96	80-120	
Antimony	mg/kg	50	47.3	95	80-120	
Arsenic	mg/kg	50	47.9	96	80-120	
Barium	mg/kg	50	49.2	98	80-120	
Beryllium	mg/kg	50	50.0	100	80-120	
Boron	mg/kg	50	46.3	93	80-120	
Cadmium	mg/kg	50	50.0	100	80-120	
Calcium	mg/kg	500	501	100	80-120	
Chromium	mg/kg	50	50.5	101	80-120	
Cobalt	mg/kg	50	49.0	98	80-120	
Copper	mg/kg	50	50.0	100	80-120	
Iron	mg/kg	500	509	102	80-120	
Lead	mg/kg	50	49.1	98	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 176685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	mg/kg	500	490	98	80-120	
Manganese	mg/kg	50	49.7	99	80-120	
Molybdenum	mg/kg	50	50.9	102	80-120	
Nickel	mg/kg	50	49.9	100	80-120	
Potassium	mg/kg	500	453	91	80-120	
Selenium	mg/kg	50	42.8	86	80-120	
Silver	mg/kg	25	24.6	98	80-120	
Sodium	mg/kg	500	489J	98	80-120	
Thallium	mg/kg	50	46.3	93	80-120	
Vanadium	mg/kg	50	49.5	99	80-120	
Zinc	mg/kg	50	48.9	98	80-120	

MATRIX SPIKE SAMPLE: 176687

Parameter	Units	3028366025 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	14100	482	17200	635	80-120	M1
Antimony	mg/kg	ND	48.2	15.4	32	80-120	M1
Arsenic	mg/kg	17.9	48.2	59.7	87	80-120	
Barium	mg/kg	108	48.2	148	84	80-120	
Beryllium	mg/kg	0.59	48.2	48.0	99	80-120	
Boron	mg/kg	8.0	48.2	49.5	86	80-120	
Cadmium	mg/kg	0.71	48.2	46.4	95	80-120	
Calcium	mg/kg	623	482	909	59	80-120	M1
Chromium	mg/kg	13.7	48.2	63.1	102	80-120	
Cobalt	mg/kg	11.6	48.2	57.7	96	80-120	
Copper	mg/kg	14.4	48.2	61.0	97	80-120	
Iron	mg/kg	24000	482	26000	413	80-120	M1
Lead	mg/kg	33.8	48.2	73.2	82	80-120	
Magnesium	mg/kg	3350	482	4300	199	80-120	M1
Manganese	mg/kg	1020	48.2	964	-113	80-120	M1
Molybdenum	mg/kg	ND	48.2	47.0	97	80-120	
Nickel	mg/kg	18.5	48.2	66.2	99	80-120	
Potassium	mg/kg	1190	482	2050	179	80-120	M1
Selenium	mg/kg	ND	48.2	40.9	84	80-120	
Silver	mg/kg	0.36	24	22.9	94	80-120	
Sodium	mg/kg	ND	482	559	100	80-120	
Thallium	mg/kg	ND	48.2	43.2	90	80-120	
Vanadium	mg/kg	18.2	48.2	67.7	103	80-120	
Zinc	mg/kg	85.0	48.2	131	95	80-120	

SAMPLE DUPLICATE: 176686

Parameter	Units	3028366025 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	14100	14100	.2	
Antimony	mg/kg	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

SAMPLE DUPLICATE: 176686

Parameter	Units	3028366025 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/kg	17.9	16.5	8	
Barium	mg/kg	108	98.7	9	
Beryllium	mg/kg	0.59	0.57	4	
Boron	mg/kg	8.0	7.9	1	
Cadmium	mg/kg	0.71	0.58	20	
Calcium	mg/kg	623	494	23	D6
Chromium	mg/kg	13.7	13.9	1	
Cobalt	mg/kg	11.6	11.2	3	
Copper	mg/kg	14.4	14.2	1	
Iron	mg/kg	24000	23800	.9	
Lead	mg/kg	33.8	35.7	6	
Magnesium	mg/kg	3350	3520	5	
Manganese	mg/kg	1020	943	8	
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	18.5	18.8	2	
Potassium	mg/kg	1190	1190	.3	
Selenium	mg/kg	ND	0.59		
Silver	mg/kg	0.36	0.33	8	
Sodium	mg/kg	ND	73.1J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	18.2	17.7	3	
Zinc	mg/kg	85.0	83.4	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MPRP/3952 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035

METHOD BLANK: 176688 Matrix: Solid
Associated Lab Samples: 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/11/10 07:54	
Antimony	mg/kg	ND	0.50	06/11/10 07:54	
Arsenic	mg/kg	ND	0.50	06/11/10 07:54	
Barium	mg/kg	ND	2.0	06/11/10 07:54	
Beryllium	mg/kg	ND	0.20	06/11/10 07:54	
Boron	mg/kg	ND	5.0	06/11/10 07:54	
Cadmium	mg/kg	ND	0.20	06/11/10 07:54	
Calcium	mg/kg	ND	200	06/11/10 07:54	
Chromium	mg/kg	ND	0.50	06/11/10 07:54	
Cobalt	mg/kg	ND	1.0	06/11/10 07:54	
Copper	mg/kg	ND	1.0	06/11/10 07:54	
Iron	mg/kg	ND	10.0	06/11/10 07:54	
Lead	mg/kg	ND	0.50	06/11/10 07:54	
Magnesium	mg/kg	ND	50.0	06/11/10 07:54	
Manganese	mg/kg	ND	1.0	06/11/10 07:54	
Molybdenum	mg/kg	ND	2.0	06/11/10 07:54	
Nickel	mg/kg	ND	2.0	06/11/10 07:54	
Potassium	mg/kg	ND	50.0	06/11/10 07:54	
Selenium	mg/kg	ND	0.50	06/11/10 15:07	
Silver	mg/kg	ND	0.20	06/11/10 07:54	
Sodium	mg/kg	ND	500	06/11/10 07:54	
Thallium	mg/kg	ND	2.0	06/11/10 07:54	
Vanadium	mg/kg	ND	1.0	06/11/10 07:54	
Zinc	mg/kg	ND	1.0	06/11/10 07:54	

LABORATORY CONTROL SAMPLE: 176689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	475	95	80-120	
Antimony	mg/kg	50	48.1	96	80-120	
Arsenic	mg/kg	50	47.1	94	80-120	
Barium	mg/kg	50	48.4	97	80-120	
Beryllium	mg/kg	50	49.7	99	80-120	
Boron	mg/kg	50	43.8	88	80-120	
Cadmium	mg/kg	50	49.9	100	80-120	
Calcium	mg/kg	500	493	99	80-120	
Chromium	mg/kg	50	50.0	100	80-120	
Cobalt	mg/kg	50	48.9	98	80-120	
Copper	mg/kg	50	48.9	98	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 176689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/kg	500	505	101	80-120	
Lead	mg/kg	50	48.4	97	80-120	
Magnesium	mg/kg	500	484	97	80-120	
Manganese	mg/kg	50	49.2	98	80-120	
Molybdenum	mg/kg	50	49.5	99	80-120	
Nickel	mg/kg	50	49.4	99	80-120	
Potassium	mg/kg	500	443	89	80-120	
Selenium	mg/kg	50	43.6	87	80-120	
Silver	mg/kg	25	24.3	97	80-120	
Sodium	mg/kg	500	469J	94	80-120	
Thallium	mg/kg	50	50.0	100	80-120	
Vanadium	mg/kg	50	48.9	98	80-120	
Zinc	mg/kg	50	48.5	97	80-120	

MATRIX SPIKE SAMPLE: 176691

Parameter	Units	3028443011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	15000	407	16500	355	80-120	M0
Antimony	mg/kg	0.43	40.7	13.7	33	80-120	M0
Arsenic	mg/kg	12.2	40.7	49.6	92	80-120	
Barium	mg/kg	123	40.7	162	97	80-120	
Beryllium	mg/kg	0.81	40.7	39.9	96	80-120	
Boron	mg/kg	7.8	40.7	41.2	82	80-120	
Cadmium	mg/kg	0.44	40.7	38.4	93	80-120	
Calcium	mg/kg	832	407	1130	74	80-120	M0
Chromium	mg/kg	15.6	40.7	55.3	98	80-120	
Cobalt	mg/kg	12.3	40.7	51.8	97	80-120	
Copper	mg/kg	18.3	40.7	56.8	95	80-120	
Iron	mg/kg	26600	407	26200	-83	80-120	M0
Lead	mg/kg	12.8	40.7	51.1	94	80-120	
Magnesium	mg/kg	4360	407	4630	68	80-120	M0
Manganese	mg/kg	846	40.7	1030	459	80-120	M0
Molybdenum	mg/kg	ND	40.7	37.4	92	80-120	
Nickel	mg/kg	22.2	40.7	60.2	93	80-120	
Potassium	mg/kg	1900	407	2760	211	80-120	M0
Selenium	mg/kg	ND	40.7	29.1	72	80-120	M0
Silver	mg/kg	0.88	20.4	19.5	91	80-120	
Sodium	mg/kg	ND	407	449	95	80-120	
Thallium	mg/kg	ND	40.7	39.6	97	80-120	
Vanadium	mg/kg	16.6	40.7	56.2	97	80-120	
Zinc	mg/kg	68.1	40.7	103	86	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

SAMPLE DUPLICATE: 176690

Parameter	Units	3028443011 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	15000	14600	3	
Antimony	mg/kg	0.43	ND		
Arsenic	mg/kg	12.2	13.8	12	
Barium	mg/kg	123	117	5	
Beryllium	mg/kg	0.81	0.83	2	
Boron	mg/kg	7.8	7.6	2	
Cadmium	mg/kg	0.44	0.40	11	
Calcium	mg/kg	832	817	2	
Chromium	mg/kg	15.6	15.7	.3	
Cobalt	mg/kg	12.3	12.2	1	
Copper	mg/kg	18.3	18.3	.2	
Iron	mg/kg	26600	27400	3	
Lead	mg/kg	12.8	12.7	.4	
Magnesium	mg/kg	4360	4380	.6	
Manganese	mg/kg	846	784	8	
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	22.2	22.3	.2	
Potassium	mg/kg	1900	1810	5	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	0.88	0.87	1	
Sodium	mg/kg	ND	71J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	16.6	16.7	.4	
Zinc	mg/kg	68.1	68.9	1	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MERP/1969 — Analysis Method: EPA 7471
QC Batch Method: EPA 7471 — Analysis Description: 7471 Mercury
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027

METHOD BLANK: 177434 — Matrix: Solid
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/04/10 09:12	

LABORATORY CONTROL SAMPLE: 177435

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.042J	102	85-115	

MATRIX SPIKE SAMPLE: 177437

Parameter	Units	3028442001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.12	103	75-125	

SAMPLE DUPLICATE: 177436

Parameter	Units	3028442001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.0089J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MERP/1976 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

METHOD BLANK: 177977 Matrix: Solid
Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/04/10 07:10	

LABORATORY CONTROL SAMPLE: 177978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.038J	92	85-115	

MATRIX SPIKE SAMPLE: 177980

Parameter	Units	3028443029 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.12	104	75-125	

SAMPLE DUPLICATE: 177979

Parameter	Units	3028443029 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.0077J		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: OEXT/5097 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027

METHOD BLANK: 178532 Matrix: Solid
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,2-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,3-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
1,4-Dichlorobenzene	ug/kg	ND	333	06/07/10 12:58	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/07/10 12:58	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dichlorophenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dimethylphenol	ug/kg	ND	333	06/07/10 12:58	
2,4-Dinitrophenol	ug/kg	ND	833	06/07/10 12:58	
2,4-Dinitrotoluene	ug/kg	ND	333	06/07/10 12:58	
2,6-Dinitrotoluene	ug/kg	ND	333	06/07/10 12:58	
2-Chloronaphthalene	ug/kg	ND	333	06/07/10 12:58	
2-Chlorophenol	ug/kg	ND	333	06/07/10 12:58	
2-Methylnaphthalene	ug/kg	ND	333	06/07/10 12:58	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/07/10 12:58	
2-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
2-Nitrophenol	ug/kg	ND	333	06/07/10 12:58	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/07/10 12:58	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/07/10 12:58	
3-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/07/10 12:58	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/07/10 12:58	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/07/10 12:58	
4-Chloroaniline	ug/kg	ND	333	06/07/10 12:58	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/07/10 12:58	
4-Nitroaniline	ug/kg	ND	833	06/07/10 12:58	
4-Nitrophenol	ug/kg	ND	333	06/07/10 12:58	
Acenaphthene	ug/kg	ND	333	06/07/10 12:58	
Acenaphthylene	ug/kg	ND	333	06/07/10 12:58	
Anthracene	ug/kg	ND	333	06/07/10 12:58	
Benzo(a)anthracene	ug/kg	ND	333	06/07/10 12:58	
Benzo(a)pyrene	ug/kg	ND	333	06/07/10 12:58	
Benzo(b)fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/07/10 12:58	
Benzo(k)fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Benzyl alcohol	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/07/10 12:58	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/07/10 12:58	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/07/10 12:58	
Butylbenzylphthalate	ug/kg	ND	333	06/07/10 12:58	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

METHOD BLANK: 178532 Matrix: Solid

Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	ND	333	06/07/10 12:58	
Di-n-butylphthalate	ug/kg	ND	333	06/07/10 12:58	
Di-n-octylphthalate	ug/kg	ND	333	06/07/10 12:58	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/07/10 12:58	
Dibenzofuran	ug/kg	ND	333	06/07/10 12:58	
Diethylphthalate	ug/kg	ND	333	06/07/10 12:58	
Dimethylphthalate	ug/kg	ND	333	06/07/10 12:58	
Fluoranthene	ug/kg	ND	333	06/07/10 12:58	
Fluorene	ug/kg	ND	333	06/07/10 12:58	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/07/10 12:58	
Hexachlorobenzene	ug/kg	ND	333	06/07/10 12:58	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/07/10 12:58	
Hexachloroethane	ug/kg	ND	333	06/07/10 12:58	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/07/10 12:58	
Isophorone	ug/kg	ND	333	06/07/10 12:58	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/07/10 12:58	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/07/10 12:58	
Naphthalene	ug/kg	ND	333	06/07/10 12:58	
Nitrobenzene	ug/kg	ND	333	06/07/10 12:58	
Pentachlorophenol	ug/kg	ND	833	06/07/10 12:58	
Phenanthrene	ug/kg	ND	333	06/07/10 12:58	
Phenol	ug/kg	ND	333	06/07/10 12:58	
Pyrene	ug/kg	ND	333	06/07/10 12:58	
2,4,6-Tribromophenol (S)	%	68	10-123	06/07/10 12:58	
2-Fluorobiphenyl (S)	%	79	43-116	06/07/10 12:58	
2-Fluorophenol (S)	%	80	21-110	06/07/10 12:58	
Nitrobenzene-d5 (S)	%	93	35-114	06/07/10 12:58	
Phenol-d6 (S)	%	78	10-110	06/07/10 12:58	
Terphenyl-d14 (S)	%	112	33-141	06/07/10 12:58	

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2600	78	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2480	74	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2840	85	34-115	
2,6-Dinitrotoluene	ug/kg		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2810	84	40-140	
2-Methylnaphthalene	ug/kg	3330	2390	72	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	3300	99	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	3380	101	27-125	
Acenaphthene	ug/kg	3330	2950	89	48-114	
Acenaphthylene	ug/kg	3330	3200	96	40-140	
Anthracene	ug/kg	3330	3200	96	40-140	
Benzo(a)anthracene	ug/kg	3330	3140	94	40-140	
Benzo(a)pyrene	ug/kg	3330	3190	96	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3260	98	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2640	79	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3490	105	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3070	92	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2760	83	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2890	87	40-140	
Fluorene	ug/kg	3330	2850	85	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2520	75	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3820	115	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2680	81	40-140	

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 178533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1700	51	14-127	
Phenanthrene	ug/kg	3330	3160	95	40-140	
Phenol	ug/kg	3330	2970	89	39-120	
Pyrene	ug/kg	3330	3470	104	43-135	
2,4,6-Tribromophenol (S)	%			78	10-123	
2-Fluorobiphenyl (S)	%			88	43-116	
2-Fluorophenol (S)	%			85	21-110	
Nitrobenzene-d5 (S)	%			98	35-114	
Phenol-d6 (S)	%			89	10-110	
Terphenyl-d14 (S)	%			112	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178534 178535

Parameter	Units	3028443005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3620	3660	2740	3030	76	83	43-120	10	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3620	3660	2790	3270	77	89	37-118	16	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3620	3660	2950	3040	81	83	34-115	3	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3620	3660	3040	3470	84	95	40-140	13	
2-Methylnaphthalene	ug/kg	ND	3620	3660	2760	2950	76	81	40-140	7	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3620	3660	2850	3370	79	92	42-130	17	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3620	3660	3530	3610	97	99	27-125	2	
Acenaphthene	ug/kg	ND	3620	3660	3270	3440	90	94	48-114	5	
Acenaphthylene	ug/kg	ND	3620	3660	3280	3540	91	97	40-140	8	
Anthracene	ug/kg	ND	3620	3660	3470	3450	96	94	40-140	.5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178534 178535

Parameter	Units	3028443005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(a)anthracene	ug/kg	ND	3620	3660	3290	3380	91	92	40-140	3	
Benzo(a)pyrene	ug/kg	ND	3620	3660	3550	3510	98	96	40-140	1	
Benzo(b)fluoranthene	ug/kg	ND	3620	3660	3490	3820	96	104	40-140	9	
Benzo(g,h,i)perylene	ug/kg	ND	3620	3660	2580	2770	71	76	40-140	7	
Benzo(k)fluoranthene	ug/kg	ND	3620	3660	4020	4000	111	109	40-140	.3	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3620	3660	3360	3390	93	93	40-140	1	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3620	3660	2600	2760	72	75	40-140	6	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3620	3660	3090	3110	85	85	40-140	.7	
Fluorene	ug/kg	ND	3620	3660	3090	3330	85	91	40-140	7	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3620	3660	2250	2400	62	66	40-140	6	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3620	3660	4130	4530	114	124	43-126	9	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3620	3660	2930	3270	81	89	40-140	11	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3620	3660	1560	1710	43	47	14-127	9	
Phenanthrene	ug/kg	ND	3620	3660	3340	3370	92	92	40-140	1	
Phenol	ug/kg	ND	3620	3660	3000	3540	83	97	39-120	17	
Pyrene	ug/kg	ND	3620	3660	3790	3820	105	104	43-135	.9	
2,4,6-Tribromophenol (S)	%						75	76	10-123		
2-Fluorobiphenyl (S)	%						90	92	43-116		
2-Fluorophenol (S)	%						80	91	21-110		
Nitrobenzene-d5 (S)	%						94	105	35-114		
Phenol-d6 (S)	%						84	95	10-110		
Terphenyl-d14 (S)	%						111	108	33-141		

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: OEXT/5136 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

METHOD BLANK: 179991 Matrix: Solid
Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,2-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,3-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,4-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/10/10 12:58	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dichlorophenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dimethylphenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dinitrophenol	ug/kg	ND	833	06/10/10 12:58	
2,4-Dinitrotoluene	ug/kg	ND	333	06/10/10 12:58	
2,6-Dinitrotoluene	ug/kg	ND	333	06/10/10 12:58	
2-Chloronaphthalene	ug/kg	ND	333	06/10/10 12:58	
2-Chlorophenol	ug/kg	ND	333	06/10/10 12:58	
2-Methylnaphthalene	ug/kg	ND	333	06/10/10 12:58	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/10/10 12:58	
2-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
2-Nitrophenol	ug/kg	ND	333	06/10/10 12:58	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/10/10 12:58	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/10/10 12:58	
3-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/10/10 12:58	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/10/10 12:58	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/10/10 12:58	
4-Chloroaniline	ug/kg	ND	333	06/10/10 12:58	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/10/10 12:58	
4-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
4-Nitrophenol	ug/kg	ND	333	06/10/10 12:58	
Acenaphthene	ug/kg	ND	333	06/10/10 12:58	
Acenaphthylene	ug/kg	ND	333	06/10/10 12:58	
Anthracene	ug/kg	ND	333	06/10/10 12:58	
Benzo(a)anthracene	ug/kg	ND	333	06/10/10 12:58	
Benzo(a)pyrene	ug/kg	ND	333	06/10/10 12:58	
Benzo(b)fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/10/10 12:58	
Benzo(k)fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Benzyl alcohol	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/10/10 12:58	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/10/10 12:58	
Butylbenzylphthalate	ug/kg	ND	333	06/10/10 12:58	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

METHOD BLANK: 179991 Matrix: Solid

Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	ND	333	06/10/10 12:58	
Di-n-butylphthalate	ug/kg	ND	333	06/10/10 12:58	
Di-n-octylphthalate	ug/kg	ND	333	06/10/10 12:58	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/10/10 12:58	
Dibenzofuran	ug/kg	ND	333	06/10/10 12:58	
Diethylphthalate	ug/kg	ND	333	06/10/10 12:58	
Dimethylphthalate	ug/kg	ND	333	06/10/10 12:58	
Fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Fluorene	ug/kg	ND	333	06/10/10 12:58	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/10/10 12:58	
Hexachlorobenzene	ug/kg	ND	333	06/10/10 12:58	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/10/10 12:58	
Hexachloroethane	ug/kg	ND	333	06/10/10 12:58	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/10/10 12:58	
Isophorone	ug/kg	ND	333	06/10/10 12:58	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/10/10 12:58	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/10/10 12:58	
Naphthalene	ug/kg	ND	333	06/10/10 12:58	
Nitrobenzene	ug/kg	ND	333	06/10/10 12:58	
Pentachlorophenol	ug/kg	ND	833	06/10/10 12:58	
Phenanthrene	ug/kg	ND	333	06/10/10 12:58	
Phenol	ug/kg	ND	333	06/10/10 12:58	
Pyrene	ug/kg	ND	333	06/10/10 12:58	
2,4,6-Tribromophenol (S)	%	54	10-123	06/10/10 12:58	
2-Fluorobiphenyl (S)	%	66	43-116	06/10/10 12:58	
2-Fluorophenol (S)	%	63	21-110	06/10/10 12:58	
Nitrobenzene-d5 (S)	%	73	35-114	06/10/10 12:58	
Phenol-d6 (S)	%	61	10-110	06/10/10 12:58	
Terphenyl-d14 (S)	%	109	33-141	06/10/10 12:58	

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2190	66	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2080	62	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2480	74	34-115	
2,6-Dinitrotoluene	ug/kg		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2240	67	40-140	
2-Methylnaphthalene	ug/kg	3330	2210	66	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	2650	80	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	2650	80	27-125	
Acenaphthene	ug/kg	3330	2740	82	48-114	
Acenaphthylene	ug/kg	3330	2790	84	40-140	
Anthracene	ug/kg	3330	3180	95	40-140	
Benzo(a)anthracene	ug/kg	3330	2960	89	40-140	
Benzo(a)pyrene	ug/kg	3330	3360	101	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3380	101	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2610	78	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3730	112	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3030	91	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2310	69	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2890	87	40-140	
Fluorene	ug/kg	3330	2770	83	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2680	80	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3330	100	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2370	71	40-140	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1670	50	14-127	
Phenanthrene	ug/kg	3330	2910	87	40-140	
Phenol	ug/kg	3330	2200	66	39-120	
Pyrene	ug/kg	3330	3170	95	43-135	
2,4,6-Tribromophenol (S)	%			69	10-123	
2-Fluorobiphenyl (S)	%			77	43-116	
2-Fluorophenol (S)	%			64	21-110	
Nitrobenzene-d5 (S)	%			76	35-114	
Phenol-d6 (S)	%			67	10-110	
Terphenyl-d14 (S)	%			104	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179993 179994

Parameter	Units	3028443029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3510	3600	3010	3490	86	97	43-120	15	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3510	3600	2520	2770	72	77	37-118	10	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3510	3600	3010	3090	86	86	34-115	3	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3510	3600	2470	2900	70	81	40-140	16	
2-Methylnaphthalene	ug/kg	ND	3510	3600	2620	2830	75	79	40-140	8	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3510	3600	2450	2960	70	82	42-130	19	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3510	3600	2390	2920	68	81	27-125	20	
Acenaphthene	ug/kg	ND	3510	3600	2980	3220	85	89	48-114	8	
Acenaphthylene	ug/kg	ND	3510	3600	3000	3310	86	92	40-140	10	
Anthracene	ug/kg	ND	3510	3600	3140	3410	90	95	40-140	8	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179993 179994

Parameter	Units	3028443029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(a)anthracene	ug/kg	ND	3510	3600	3260	3430	93	95	40-140	5	
Benzo(a)pyrene	ug/kg	ND	3510	3600	3570	3660	102	102	40-140	3	
Benzo(b)fluoranthene	ug/kg	ND	3510	3600	3510	3690	100	103	40-140	5	
Benzo(g,h,i)perylene	ug/kg	ND	3510	3600	2960	3770	84	105	40-140	24	
Benzo(k)fluoranthene	ug/kg	ND	3510	3600	3990	4530	114	126	40-140	13	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3510	3600	3410	3560	97	99	40-140	4	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3510	3600	2730	3200	78	89	40-140	16	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3510	3600	3300	3430	94	95	40-140	4	
Fluorene	ug/kg	ND	3510	3600	3080	3420	88	95	40-140	10	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3510	3600	3090	3700	88	103	40-140	18	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3510	3600	2780	2990	79	83	43-126	8	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3510	3600	2680	3000	76	83	40-140	11	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3510	3600	2210	2460	63	68	14-127	11	
Phenanthrene	ug/kg	ND	3510	3600	3070	3240	87	90	40-140	5	
Phenol	ug/kg	ND	3510	3600	1990	2310	57	64	39-120	15	
Pyrene	ug/kg	ND	3510	3600	3520	3710	100	103	43-135	5	
2,4,6-Tribromophenol (S)	%						77	81	10-123		
2-Fluorobiphenyl (S)	%						85	91	43-116		
2-Fluorophenol (S)	%						63	61	21-110		
Nitrobenzene-d5 (S)	%						70	77	35-114		
Phenol-d6 (S)	%						62	69	10-110		
Terphenyl-d14 (S)	%						115	117	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MSV/6092 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039

METHOD BLANK: 179570 Matrix: Solid
Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/08/10 01:28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/08/10 01:28	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/08/10 01:28	
1,1-Dichloroethane	ug/kg	ND	5.0	06/08/10 01:28	
1,1-Dichloroethene	ug/kg	ND	5.0	06/08/10 01:28	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 01:28	
1,2-Dichloroethane	ug/kg	ND	5.0	06/08/10 01:28	
1,2-Dichloropropane	ug/kg	ND	5.0	06/08/10 01:28	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 01:28	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 01:28	
2-Butanone (MEK)	ug/kg	ND	10.0	06/08/10 01:28	
2-Hexanone	ug/kg	ND	10.0	06/08/10 01:28	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/08/10 01:28	
Acetone	ug/kg	ND	10.0	06/08/10 01:28	
Benzene	ug/kg	ND	5.0	06/08/10 01:28	
Bromodichloromethane	ug/kg	ND	5.0	06/08/10 01:28	
Bromoform	ug/kg	ND	5.0	06/08/10 01:28	
Bromomethane	ug/kg	ND	5.0	06/08/10 01:28	
Carbon disulfide	ug/kg	ND	5.0	06/08/10 01:28	
Carbon tetrachloride	ug/kg	ND	5.0	06/08/10 01:28	
Chlorobenzene	ug/kg	ND	5.0	06/08/10 01:28	
Chloroethane	ug/kg	ND	5.0	06/08/10 01:28	
Chloroform	ug/kg	ND	5.0	06/08/10 01:28	
Chloromethane	ug/kg	ND	5.0	06/08/10 01:28	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/08/10 01:28	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/08/10 01:28	
Dibromochloromethane	ug/kg	ND	5.0	06/08/10 01:28	
Ethylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/08/10 01:28	
m&p-Xylene	ug/kg	ND	10.0	06/08/10 01:28	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/08/10 01:28	
Methylene Chloride	ug/kg	ND	5.0	06/08/10 01:28	
n-Butylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
n-Propylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
Naphthalene	ug/kg	ND	5.0	06/08/10 01:28	
o-Xylene	ug/kg	ND	5.0	06/08/10 01:28	
p-Isopropyltoluene	ug/kg	ND	5.0	06/08/10 01:28	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

METHOD BLANK: 179570 Matrix: Solid

Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
sec-Butylbenzene	ug/kg	ND	5.0	06/08/10 01:28	
Styrene	ug/kg	ND	5.0	06/08/10 01:28	
Tetrachloroethene	ug/kg	ND	5.0	06/08/10 01:28	
Toluene	ug/kg	ND	5.0	06/08/10 01:28	
TOTAL BTEX	ug/kg	ND	30.0	06/08/10 01:28	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/08/10 01:28	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/08/10 01:28	
Trichloroethene	ug/kg	ND	5.0	06/08/10 01:28	
Vinyl chloride	ug/kg	ND	5.0	06/08/10 01:28	
Xylene (Total)	ug/kg	ND	15.0	06/08/10 01:28	
1,2-Dichloroethane-d4 (S)	%	88	70-130	06/08/10 01:28	
4-Bromofluorobenzene (S)	%	94	70-130	06/08/10 01:28	
Toluene-d8 (S)	%	95	70-130	06/08/10 01:28	

LABORATORY CONTROL SAMPLE: 179571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	14.2	71	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	15.1	75	70-130	
1,1,2-Trichloroethane	ug/kg	20	15.3	76	70-130	
1,1-Dichloroethane	ug/kg	20	14.7	73	70-130	
1,1-Dichloroethene	ug/kg	20	12.0	60	70-130	L0
1,2,4-Trimethylbenzene	ug/kg	20	17.2	86	70-130	
1,2-Dichlorobenzene	ug/kg	20	14.9	75	70-130	
1,2-Dichloroethane	ug/kg	20	13.7	69	70-130	L0
1,2-Dichloropropane	ug/kg	20	15.2	76	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	16.0	80	70-130	
1,3-Dichlorobenzene	ug/kg	20	14.7	73	70-130	
1,4-Dichlorobenzene	ug/kg	20	14.7	74	70-130	
2-Butanone (MEK)	ug/kg	20	15.5	77	70-130	
2-Hexanone	ug/kg	20	22.3	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	19.9	99	70-130	
Acetone	ug/kg	20	19.5	97	70-130	
Benzene	ug/kg	20	15.7	78	70-130	
Bromodichloromethane	ug/kg	20	12.8	64	70-130	L0
Bromoform	ug/kg	20	11.8	59	70-130	L0
Bromomethane	ug/kg	20	21.7	108	70-130	
Carbon disulfide	ug/kg	20	17.6	88	70-130	
Carbon tetrachloride	ug/kg	20	12.7	63	70-130	L0
Chlorobenzene	ug/kg	20	15.3	76	70-130	
Chloroethane	ug/kg	20	18.1	91	70-130	
Chloroform	ug/kg	20	14.2	71	70-130	
Chloromethane	ug/kg	20	13.3	66	70-130	L0
cis-1,2-Dichloroethene	ug/kg	20	14.3	72	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 179571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/kg	20	14.3	71	70-130	
Dibromochloromethane	ug/kg	20	12.8	64	70-130	L0
Ethylbenzene	ug/kg	20	16.2	81	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	16.4	82	70-130	
m&p-Xylene	ug/kg	40	35.2	88	70-130	
Methyl-tert-butyl ether	ug/kg	20	17.5	88	70-130	
Methylene Chloride	ug/kg	20	11.6	58	70-130	L0
n-Butylbenzene	ug/kg	20	15.2	76	70-130	
n-Propylbenzene	ug/kg	20	16.2	81	70-130	
Naphthalene	ug/kg	20	18.5	92	70-130	
o-Xylene	ug/kg	20	16.0	80	70-130	
p-Isopropyltoluene	ug/kg	20	15.5	78	70-130	
sec-Butylbenzene	ug/kg	20	16.1	80	70-130	
Styrene	ug/kg	20	14.7	74	70-130	
Tetrachloroethene	ug/kg	20	14.6	73	70-130	
Toluene	ug/kg	20	17.2	86	70-130	
TOTAL BTEX	ug/kg		100			
trans-1,2-Dichloroethene	ug/kg	20	14.1	70	70-130	
trans-1,3-Dichloropropene	ug/kg	20	13.8	69	70-130	L0
Trichloroethene	ug/kg	20	14.6	73	70-130	
Vinyl chloride	ug/kg	20	16.2	81	70-130	
Xylene (Total)	ug/kg	60	51.2	85	70-130	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MSV/6125 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028443041, 3028443043, 3028443045, 3028443047

METHOD BLANK: 180289 Matrix: Solid
Associated Lab Samples: 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,1-Dichloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,1-Dichloroethene	ug/kg	ND	5.0	06/09/10 12:19	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/09/10 12:19	
1,2-Dichloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,2-Dichloropropane	ug/kg	ND	5.0	06/09/10 12:19	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/09/10 12:19	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/09/10 12:19	
2-Butanone (MEK)	ug/kg	ND	10.0	06/09/10 12:19	
2-Hexanone	ug/kg	ND	10.0	06/09/10 12:19	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/09/10 12:19	
Acetone	ug/kg	ND	10.0	06/09/10 12:19	
Benzene	ug/kg	ND	5.0	06/09/10 12:19	
Bromodichloromethane	ug/kg	ND	5.0	06/09/10 12:19	
Bromoform	ug/kg	ND	5.0	06/09/10 12:19	
Bromomethane	ug/kg	ND	5.0	06/09/10 12:19	
Carbon disulfide	ug/kg	ND	5.0	06/09/10 12:19	
Carbon tetrachloride	ug/kg	ND	5.0	06/09/10 12:19	
Chlorobenzene	ug/kg	ND	5.0	06/09/10 12:19	
Chloroethane	ug/kg	ND	5.0	06/09/10 12:19	
Chloroform	ug/kg	ND	5.0	06/09/10 12:19	
Chloromethane	ug/kg	ND	5.0	06/09/10 12:19	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/09/10 12:19	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/09/10 12:19	
Dibromochloromethane	ug/kg	ND	5.0	06/09/10 12:19	
Ethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/09/10 12:19	
m&p-Xylene	ug/kg	ND	10.0	06/09/10 12:19	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/09/10 12:19	
Methylene Chloride	ug/kg	ND	5.0	06/09/10 12:19	
n-Butylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
n-Propylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
Naphthalene	ug/kg	ND	5.0	06/09/10 12:19	
o-Xylene	ug/kg	ND	5.0	06/09/10 12:19	
p-Isopropyltoluene	ug/kg	ND	5.0	06/09/10 12:19	
sec-Butylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
Styrene	ug/kg	ND	5.0	06/09/10 12:19	
Tetrachloroethene	ug/kg	ND	5.0	06/09/10 12:19	
Toluene	ug/kg	ND	5.0	06/09/10 12:19	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

METHOD BLANK: 180289 Matrix: Solid

Associated Lab Samples: 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TOTAL BTEX	ug/kg	ND	30.0	06/09/10 12:19	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/09/10 12:19	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/09/10 12:19	
Trichloroethene	ug/kg	ND	5.0	06/09/10 12:19	
Vinyl chloride	ug/kg	ND	5.0	06/09/10 12:19	
Xylene (Total)	ug/kg	ND	15.0	06/09/10 12:19	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/09/10 12:19	
4-Bromofluorobenzene (S)	%	93	70-130	06/09/10 12:19	
Toluene-d8 (S)	%	92	70-130	06/09/10 12:19	

LABORATORY CONTROL SAMPLE: 180290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	17.8	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	17.8	89	70-130	
1,1,2-Trichloroethane	ug/kg	20	18.8	94	70-130	
1,1-Dichloroethane	ug/kg	20	19.3	97	70-130	
1,1-Dichloroethene	ug/kg	20	12.3	62	70-130	L0
1,2,4-Trimethylbenzene	ug/kg	20	18.0	90	70-130	
1,2-Dichlorobenzene	ug/kg	20	18.0	90	70-130	
1,2-Dichloroethane	ug/kg	20	17.9	90	70-130	
1,2-Dichloropropane	ug/kg	20	18.1	90	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	18.5	92	70-130	
1,3-Dichlorobenzene	ug/kg	20	17.8	89	70-130	
1,4-Dichlorobenzene	ug/kg	20	18.1	90	70-130	
2-Butanone (MEK)	ug/kg	20	18.0	90	70-130	
2-Hexanone	ug/kg	20	21.8	109	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	21.2	106	70-130	
Acetone	ug/kg	20	29.6	148	70-130	L0
Benzene	ug/kg	20	19.3	96	70-130	
Bromodichloromethane	ug/kg	20	17.3	87	70-130	
Bromoform	ug/kg	20	15.4	77	70-130	
Bromomethane	ug/kg	20	20.8	104	70-130	
Carbon disulfide	ug/kg	20	15.0	75	70-130	
Carbon tetrachloride	ug/kg	20	16.8	84	70-130	
Chlorobenzene	ug/kg	20	18.9	94	70-130	
Chloroethane	ug/kg	20	16.7	84	70-130	
Chloroform	ug/kg	20	18.5	92	70-130	
Chloromethane	ug/kg	20	17.7	88	70-130	
cis-1,2-Dichloroethene	ug/kg	20	17.4	87	70-130	
cis-1,3-Dichloropropene	ug/kg	20	15.6	78	70-130	
Dibromochloromethane	ug/kg	20	16.0	80	70-130	
Ethylbenzene	ug/kg	20	19.0	95	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	19.1	96	70-130	
m&p-Xylene	ug/kg	40	38.3	96	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 180290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/kg	20	19.1	95	70-130	
Methylene Chloride	ug/kg	20	16.3	81	70-130	
n-Butylbenzene	ug/kg	20	17.9	89	70-130	
n-Propylbenzene	ug/kg	20	19.0	95	70-130	
Naphthalene	ug/kg	20	17.8	89	70-130	
o-Xylene	ug/kg	20	17.9	89	70-130	
p-Isopropyltoluene	ug/kg	20	18.2	91	70-130	
sec-Butylbenzene	ug/kg	20	19.1	96	70-130	
Styrene	ug/kg	20	17.5	87	70-130	
Tetrachloroethene	ug/kg	20	17.8	89	70-130	
Toluene	ug/kg	20	18.8	94	70-130	
TOTAL BTEX	ug/kg		113			
trans-1,2-Dichloroethene	ug/kg	20	16.9	85	70-130	
trans-1,3-Dichloropropene	ug/kg	20	15.3	77	70-130	
Trichloroethene	ug/kg	20	19.2	96	70-130	
Vinyl chloride	ug/kg	20	20.1	101	70-130	
Xylene (Total)	ug/kg	60	56.2	94	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			96	70-130	

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: MSV/6008 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028443049

METHOD BLANK: 176857 | Matrix: Water
Associated Lab Samples: 3028443049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloropropane	ug/L	ND	1.0	06/01/10 14:32	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	06/01/10 14:32	
2-Hexanone	ug/L	ND	10.0	06/01/10 14:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/01/10 14:32	
Acetone	ug/L	ND	10.0	06/01/10 14:32	
Benzene	ug/L	ND	1.0	06/01/10 14:32	
Bromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromodichloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromoform	ug/L	ND	1.0	06/01/10 14:32	
Bromomethane	ug/L	ND	1.0	06/01/10 14:32	
Carbon disulfide	ug/L	ND	1.0	06/01/10 14:32	
Carbon tetrachloride	ug/L	ND	1.0	06/01/10 14:32	
Chlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
Chloroethane	ug/L	ND	1.0	06/01/10 14:32	
Chloroform	ug/L	ND	1.0	06/01/10 14:32	
Chloromethane	ug/L	ND	1.0	06/01/10 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Dibromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Ethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/01/10 14:32	
m&p-Xylene	ug/L	ND	2.0	06/01/10 14:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/01/10 14:32	
Methylene Chloride	ug/L	ND	1.0	06/01/10 14:32	
n-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	
n-Propylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Naphthalene	ug/L	ND	2.0	06/01/10 14:32	
o-Xylene	ug/L	ND	1.0	06/01/10 14:32	
p-Isopropyltoluene	ug/L	ND	1.0	06/01/10 14:32	
sec-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

METHOD BLANK: 176857 Matrix: Water

Associated Lab Samples: 3028443049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	06/01/10 14:32	
Tetrachloroethene	ug/L	ND	1.0	06/01/10 14:32	
Toluene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Trichloroethene	ug/L	ND	1.0	06/01/10 14:32	
Vinyl chloride	ug/L	ND	1.0	06/01/10 14:32	
Xylene (Total)	ug/L	ND	3.0	06/01/10 14:32	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/01/10 14:32	
4-Bromofluorobenzene (S)	%	96	70-130	06/01/10 14:32	
Toluene-d8 (S)	%	97	70-130	06/01/10 14:32	

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.1	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	70-130	
1,1,2-Trichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	20	18.8	94	70-130	
1,1-Dichloroethene	ug/L	20	15.4	77	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.5	103	70-130	
1,2,4-Trimethylbenzene	ug/L	20	23.2	116	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.2	96	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	104	70-130	
1,2-Dichloroethane	ug/L	20	19.4	97	70-130	
1,2-Dichloropropane	ug/L	20	18.9	94	70-130	
1,3,5-Trimethylbenzene	ug/L	20	23.9	120	70-130	
1,3-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	20	20.9	104	70-130	
2-Butanone (MEK)	ug/L	20	16.8	84	70-130	
2-Hexanone	ug/L	20	18.9	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.4	97	70-130	
Acetone	ug/L	20	17.4	87	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Bromochloromethane	ug/L	20	18.0	90	70-130	
Bromodichloromethane	ug/L	20	19.2	96	70-130	
Bromoform	ug/L	20	16.3	81	70-130	
Bromomethane	ug/L	20	23.0	115	70-130	
Carbon disulfide	ug/L	20	18.1	91	70-130	
Carbon tetrachloride	ug/L	20	15.7	78	70-130	
Chlorobenzene	ug/L	20	20.9	105	70-130	
Chloroethane	ug/L	20	22.3	111	70-130	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	18.8	94	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	17.6	88	70-130	
Dibromochloromethane	ug/L	20	17.8	89	70-130	
Ethylbenzene	ug/L	20	21.2	106	70-130	
Isopropylbenzene (Cumene)	ug/L	20	23.5	118	70-130	
m&p-Xylene	ug/L	40	37.9	95	70-130	
Methyl-tert-butyl ether	ug/L	20	19.7	98	70-130	
Methylene Chloride	ug/L	20	16.7	83	70-130	
n-Butylbenzene	ug/L	20	24.0	120	70-130	
n-Propylbenzene	ug/L	20	25.3	126	70-130	
Naphthalene	ug/L	20	22.0	110	70-130	
o-Xylene	ug/L	20	20.8	104	70-130	
p-Isopropyltoluene	ug/L	20	23.3	116	70-130	
sec-Butylbenzene	ug/L	20	24.7	123	70-130	
Styrene	ug/L	20	21.2	106	70-130	
Tetrachloroethene	ug/L	20	19.4	97	70-130	
Toluene	ug/L	20	21.6	108	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.7	78	70-130	
Trichloroethene	ug/L	20	19.4	97	70-130	
Vinyl chloride	ug/L	20	20.3	102	70-130	
Xylene (Total)	ug/L	60	58.7	98	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	17.0	17.7	85	89	70-130	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.3	19.8	102	99	70-130	2	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	20.9	105	104	70-130	.3	
1,1-Dichloroethane	ug/L	ND	20	20	20.1	20.5	100	103	70-130	2	
1,1-Dichloroethene	ug/L	ND	20	20	22.1	17.0	110	85	70-130	26	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.0	18.3	95	92	70-130	4	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.0	23.0	120	115	70-130	4	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.4	19.5	92	97	70-130	6	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.5	20.6	107	103	70-130	4	
1,2-Dichloroethane	ug/L	ND	20	20	20.8	20.7	104	104	70-130	.4	
1,2-Dichloropropane	ug/L	ND	20	20	19.9	19.8	99	99	70-130	.2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.2	24.2	126	121	70-130	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.8	21.0	109	105	70-130	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.9	21.0	110	105	70-130	4	
2-Butanone (MEK)	ug/L	ND	20	20	15.0	14.4	75	72	70-130	4	
2-Hexanone	ug/L	ND	20	20	17.1	17.1	85	85	70-130	.07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	18.5	18.1	92	90	70-130	2	
Acetone	ug/L	ND	20	20	17.5	17.3	78	77	70-130	1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	22.0	21.8	110	109	70-130	.7	
Bromochloromethane	ug/L	ND	20	20	19.2	20.3	96	102	70-130	5	
Bromodichloromethane	ug/L	ND	20	20	16.9	17.8	84	89	70-130	5	
Bromoform	ug/L	ND	20	20	13.5	14.3	67	71	70-130	6	M0
Bromomethane	ug/L	ND	20	20	14.4	25.4	72	127	70-130	55	R1
Carbon disulfide	ug/L	ND	20	20	41.6	20.4	208	102	70-130	69	M0,R1
Carbon tetrachloride	ug/L	ND	20	20	14.5	15.2	73	76	70-130	4	
Chlorobenzene	ug/L	ND	20	20	22.7	22.1	114	111	70-130	3	
Chloroethane	ug/L	ND	20	20	26.4	26.3	132	131	70-130	.5	M0
Chloroform	ug/L	ND	20	20	21.6	21.2	108	106	70-130	2	
Chloromethane	ug/L	ND	20	20	19.9	18.7	100	94	70-130	6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.8	19.6	99	98	70-130	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	15.5	16.5	77	83	70-130	7	
Dibromochloromethane	ug/L	ND	20	20	15.9	16.4	80	82	70-130	3	
Ethylbenzene	ug/L	ND	20	20	22.8	22.6	114	113	70-130	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.9	24.0	124	120	70-130	4	
m&p-Xylene	ug/L	ND	40	40	40.1	39.4	100	99	70-130	2	
Methyl-tert-butyl ether	ug/L	40.2	20	20	57.4	58.5	86	91	70-130	2	
Methylene Chloride	ug/L	ND	20	20	18.3	17.7	91	88	70-130	4	
n-Butylbenzene	ug/L	ND	20	20	23.6	22.7	118	113	70-130	4	
n-Propylbenzene	ug/L	ND	20	20	26.6	25.7	133	128	70-130	4	M0
Naphthalene	ug/L	ND	20	20	18.1	17.4	91	87	70-130	4	
o-Xylene	ug/L	ND	20	20	21.7	21.7	108	109	70-130	.07	
p-Isopropyltoluene	ug/L	ND	20	20	24.0	22.8	120	114	70-130	5	
sec-Butylbenzene	ug/L	ND	20	20	25.7	25.1	128	126	70-130	2	
Styrene	ug/L	ND	20	20	20.8	21.1	104	106	70-130	2	
Tetrachloroethene	ug/L	2.4	20	20	23.2	22.6	104	101	70-130	2	
Toluene	ug/L	ND	20	20	23.4	22.8	117	114	70-130	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.5	100	98	70-130	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	13.8	14.9	69	75	70-130	8	M0
Trichloroethene	ug/L	ND	20	20	21.1	20.9	105	104	70-130	1	
Vinyl chloride	ug/L	ND	20	20	22.6	20.9	113	104	70-130	8	
Xylene (Total)	ug/L	ND	60	60	61.8	61.1	103	102	70-130	1	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130		
4-Bromofluorobenzene (S)	%						97	91	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: PMST/1897 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028443029, 3028443031, 3028443033, 3028443035, 3028443037, 3028443039

SAMPLE DUPLICATE: 180592

Parameter	Units	3028405001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.2	14.6	18	

SAMPLE DUPLICATE: 180593

Parameter	Units	3028405002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.5	13.3	8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: PMST/1898 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 3028443001, 3028443003, 3028443005, 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443041, 3028443043, 3028443045, 3028443047

SAMPLE DUPLICATE: 180630

Parameter	Units	3028443001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.0	22.8	29	2c

SAMPLE DUPLICATE: 180631

Parameter	Units	3028443003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.0	12.1	15	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WET/5819 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028443002, 3028443004, 3028443006, 3028443008, 3028443010

METHOD BLANK: 178324 Matrix: Water
Associated Lab Samples: 3028443002, 3028443004, 3028443006, 3028443008, 3028443010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

METHOD BLANK: 178325 Matrix: Water
Associated Lab Samples: 3028443002, 3028443004, 3028443006, 3028443008, 3028443010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

LABORATORY CONTROL SAMPLE: 178326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.86	86	85-115	SU

MATRIX SPIKE SAMPLE: 178328

Parameter	Units	3028753003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.58	57	85-115	4c,M3

SAMPLE DUPLICATE: 178327

Parameter	Units	3028753002 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		4c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WET/5850 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

METHOD BLANK: 179449 Matrix: Water
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/07/10 11:13	

METHOD BLANK: 179450 Matrix: Water
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/07/10 11:13	

LABORATORY CONTROL SAMPLE: 179451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.88	88	85-115	SU

MATRIX SPIKE SAMPLE: 179453

Parameter	Units	3028443048 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	1.0	100	85-115	3c

SAMPLE DUPLICATE: 179452

Parameter	Units	3028443044 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WETA/4433 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028443001, 3028443003, 3028443005

METHOD BLANK: 179590 Matrix: Solid
Associated Lab Samples: 3028443001, 3028443003, 3028443005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/08/10 15:57	

LABORATORY CONTROL SAMPLE: 179591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	159	148	93	85-115	

MATRIX SPIKE SAMPLE: 179592

Parameter	Units	3028443005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	7.3	163	162	95	85-115	

SAMPLE DUPLICATE: 179593

Parameter	Units	3028443005 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	7.3	8.3	12	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WETA/4434 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037

METHOD BLANK: 179696 Matrix: Solid
Associated Lab Samples: 3028443007, 3028443009, 3028443011, 3028443013, 3028443015, 3028443017, 3028443019, 3028443021, 3028443023, 3028443025, 3028443027, 3028443029, 3028443031, 3028443033, 3028443035, 3028443037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	4.9	06/08/10 16:43	

LABORATORY CONTROL SAMPLE: 179697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	159	157	99	85-115	

MATRIX SPIKE SAMPLE: 179698

Parameter	Units	3028443035 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	152	136	88	85-115	

SAMPLE DUPLICATE: 179699

Parameter	Units	3028443035 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	3.6J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WETA/4447 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

METHOD BLANK: 180213 Matrix: Solid
Associated Lab Samples: 3028443039, 3028443041, 3028443043, 3028443045, 3028443047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/09/10 16:44	

LABORATORY CONTROL SAMPLE: 180214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	157	148	94	85-115	

MATRIX SPIKE SAMPLE: 180215

Parameter	Units	3028586003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	6.2	170	169	96	85-115	

SAMPLE DUPLICATE: 180216

Parameter	Units	3028586003 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	6.2	5.1J		

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CABOT-EPA 005054

DIM0223739 DIM0224447

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WETA/4402 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028443002, 3028443004, 3028443006, 3028443008, 3028443010

METHOD BLANK: 178718 Matrix: Water
Associated Lab Samples: 3028443002, 3028443004, 3028443006, 3028443008, 3028443010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/04/10 15:10	

LABORATORY CONTROL SAMPLE: 178719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.5	99	85-115	

MATRIX SPIKE SAMPLE: 178720

Parameter	Units	3028443002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	3.3	20	20.8	88	85-115	

SAMPLE DUPLICATE: 178721

Parameter	Units	3028443002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	3.3	3.2	.3	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028443

QC Batch: WETA/4420 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

METHOD BLANK: 179348 Matrix: Water
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/07/10 16:44	

METHOD BLANK: 179349 Matrix: Water
Associated Lab Samples: 3028443012, 3028443014, 3028443016, 3028443018, 3028443020, 3028443022, 3028443024, 3028443026, 3028443028, 3028443030, 3028443032, 3028443034, 3028443036, 3028443038, 3028443040, 3028443042, 3028443044, 3028443046, 3028443048

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/07/10 16:44	1c

LABORATORY CONTROL SAMPLE: 179350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.2	98	85-115	

MATRIX SPIKE SAMPLE: 179351

Parameter	Units	3028443012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	ND	20	17.9	79	85-115	M1

SAMPLE DUPLICATE: 179352

Parameter	Units	3028443012 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	2.1J		

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nelac

CABOT-EPA 005056

DIM0223739 DIM0224449

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QUALIFIERS

Project: KLG
Pace Project No.: 3028443

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
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LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

WORKORDER QUALIFIERS

WO: 3028443

[1] Cooler temperature 8.4° C upon receipt. Ice was present.
[2] The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

BATCH QUALIFIERS

Batch: MSV/6092
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: MSV/6125
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	ASTM BLANK
2c	RPD outside QC limits due to non-homogenous sample.
3c	Samples tumbled on 6/6/2010 and analyzed within 48 hours.
4c	Samples were tumbled on 6/1/2010 and analyzed within 48 hours.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.

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QUALIFIERS

Project: KLG
Pace Project No.: 3028443

ANALYTE QUALIFIERS

SU MBAS, calculated as LAS, Mol wt 342.2 g/mol

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028443001	G-7-P1A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028443003	G-7-P1B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028443005	G-7-P2A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028443007	G-7-P2B	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028443009	G-7-P3A	EPA 3050	MPRP/3951	EPA 6010B	ICP/3542
3028443011	G-7-P3B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443013	G-7-P4A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443015	G-7-P4B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443017	G-7-P5A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443019	G-7-P5B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443021	G-7-P6A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443023	G-7-P6B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443025	G-7-P7B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443027	G-7-P7A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443029	G-7-P8A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443031	G-7-P9A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443033	G-7-P10A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443035	G-7-P10B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443037	G-7-P9B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443039	G-7-P11A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443041	G-7-P11B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443043	G-7-P11C	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443045	G-7-P8B	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443047	G-7-P12A	EPA 3050	MPRP/3952	EPA 6010B	ICP/3543
3028443001	G-7-P1A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443003	G-7-P1B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443005	G-7-P2A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443007	G-7-P2B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443009	G-7-P3A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443011	G-7-P3B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443013	G-7-P4A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443015	G-7-P4B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443017	G-7-P5A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443019	G-7-P5B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443021	G-7-P6A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443023	G-7-P6B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443025	G-7-P7B	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443027	G-7-P7A	EPA 7471	MERP/1969	EPA 7471	MERC/1919
3028443029	G-7-P8A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443031	G-7-P9A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443033	G-7-P10A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443035	G-7-P10B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443037	G-7-P9B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443039	G-7-P11A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443041	G-7-P11B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443043	G-7-P11C	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443045	G-7-P8B	EPA 7471	MERP/1976	EPA 7471	MERC/1925

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028443047	G-7-P12A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028443001	G-7-P1A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443003	G-7-P1B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443005	G-7-P2A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443007	G-7-P2B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443009	G-7-P3A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443011	G-7-P3B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443013	G-7-P4A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443015	G-7-P4B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443017	G-7-P5A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443019	G-7-P5B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443021	G-7-P6A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443023	G-7-P6B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443025	G-7-P7B	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443027	G-7-P7A	EPA 3546	OEXT/5097	EPA 8270	MSSV/2163
3028443029	G-7-P8A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443031	G-7-P9A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443033	G-7-P10A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443035	G-7-P10B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443037	G-7-P9B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443039	G-7-P11A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443041	G-7-P11B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443043	G-7-P11C	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443045	G-7-P8B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443047	G-7-P12A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028443001	G-7-P1A	EPA 8260	MSV/6092		
3028443003	G-7-P1B	EPA 8260	MSV/6092		
3028443005	G-7-P2A	EPA 8260	MSV/6092		
3028443007	G-7-P2B	EPA 8260	MSV/6092		
3028443009	G-7-P3A	EPA 8260	MSV/6092		
3028443011	G-7-P3B	EPA 8260	MSV/6092		
3028443013	G-7-P4A	EPA 8260	MSV/6092		
3028443015	G-7-P4B	EPA 8260	MSV/6092		
3028443017	G-7-P5A	EPA 8260	MSV/6092		
3028443019	G-7-P5B	EPA 8260	MSV/6092		
3028443021	G-7-P6A	EPA 8260	MSV/6092		
3028443023	G-7-P6B	EPA 8260	MSV/6092		
3028443025	G-7-P7B	EPA 8260	MSV/6092		
3028443027	G-7-P7A	EPA 8260	MSV/6092		
3028443029	G-7-P8A	EPA 8260	MSV/6092		
3028443031	G-7-P9A	EPA 8260	MSV/6092		
3028443033	G-7-P10A	EPA 8260	MSV/6092		
3028443035	G-7-P10B	EPA 8260	MSV/6092		
3028443037	G-7-P9B	EPA 8260	MSV/6092		
3028443039	G-7-P11A	EPA 8260	MSV/6092		
3028443041	G-7-P11B	EPA 8260	MSV/6125		
3028443043	G-7-P11C	EPA 8260	MSV/6125		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028443045	G-7-P8B	EPA 8260	MSV/6125		
3028443047	G-7-P12A	EPA 8260	MSV/6125		
3028443049	TRIP BLANK	EPA 8260	MSV/6008		
3028443001	G-7-P1A	ASTM D2974-87	PMST/1898		
3028443003	G-7-P1B	ASTM D2974-87	PMST/1898		
3028443005	G-7-P2A	ASTM D2974-87	PMST/1898		
3028443007	G-7-P2B	ASTM D2974-87	PMST/1898		
3028443009	G-7-P3A	ASTM D2974-87	PMST/1898		
3028443011	G-7-P3B	ASTM D2974-87	PMST/1898		
3028443013	G-7-P4A	ASTM D2974-87	PMST/1898		
3028443015	G-7-P4B	ASTM D2974-87	PMST/1898		
3028443017	G-7-P5A	ASTM D2974-87	PMST/1898		
3028443019	G-7-P5B	ASTM D2974-87	PMST/1898		
3028443021	G-7-P6A	ASTM D2974-87	PMST/1898		
3028443023	G-7-P6B	ASTM D2974-87	PMST/1898		
3028443025	G-7-P7B	ASTM D2974-87	PMST/1898		
3028443027	G-7-P7A	ASTM D2974-87	PMST/1898		
3028443029	G-7-P8A	ASTM D2974-87	PMST/1897		
3028443031	G-7-P9A	ASTM D2974-87	PMST/1897		
3028443033	G-7-P10A	ASTM D2974-87	PMST/1897		
3028443035	G-7-P10B	ASTM D2974-87	PMST/1897		
3028443037	G-7-P9B	ASTM D2974-87	PMST/1897		
3028443039	G-7-P11A	ASTM D2974-87	PMST/1897		
3028443041	G-7-P11B	ASTM D2974-87	PMST/1898		
3028443043	G-7-P11C	ASTM D2974-87	PMST/1898		
3028443045	G-7-P8B	ASTM D2974-87	PMST/1898		
3028443047	G-7-P12A	ASTM D2974-87	PMST/1898		
3028443002	G-7-P1A(ASTM)	SM 5540C	WET/5819		
3028443004	G-7-P1B(ASTM)	SM 5540C	WET/5819		
3028443006	G-7-P2A(ASTM)	SM 5540C	WET/5819		
3028443008	G-7-P2B(ASTM)	SM 5540C	WET/5819		
3028443010	G-7-P3A(ASTM)	SM 5540C	WET/5819		
3028443012	G-7-P3B(ASTM)	SM 5540C	WET/5850		
3028443014	G-7-P4A(ASTM)	SM 5540C	WET/5850		
3028443016	G-7-P4B(ASTM)	SM 5540C	WET/5850		
3028443018	G-7-P5A(ASTM)	SM 5540C	WET/5850		
3028443020	G-7-P5B(ASTM)	SM 5540C	WET/5850		
3028443022	G-7-P6A(ASTM)	SM 5540C	WET/5850		
3028443024	G-7-P6B(ASTM)	SM 5540C	WET/5850		
3028443026	G-7-P7B(ASTM)	SM 5540C	WET/5850		
3028443028	G-7-P7A(ASTM)	SM 5540C	WET/5850		
3028443030	G-7-P8A(ASTM)	SM 5540C	WET/5850		
3028443032	G-7-P9A(ASTM)	SM 5540C	WET/5850		
3028443034	G-7-P10A(ASTM)	SM 5540C	WET/5850		
3028443036	G-7-P10B(ASTM)	SM 5540C	WET/5850		
3028443038	G-7-P9B(ASTM)	SM 5540C	WET/5850		

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028443040	G-7-P11A(ASTM)	SM 5540C	WET/5850		
3028443042	G-7-P11B(ASTM)	SM 5540C	WET/5850		
3028443044	G-7-P11C(ASTM)	SM 5540C	WET/5850		
3028443046	G-7-P8B(ASTM)	SM 5540C	WET/5850		
3028443048	G-7-P12A(ASTM)	SM 5540C	WET/5850		
3028443001	G-7-P1A	EPA 350.1	WETA/4433		
3028443003	G-7-P1B	EPA 350.1	WETA/4433		
3028443005	G-7-P2A	EPA 350.1	WETA/4433		
3028443007	G-7-P2B	EPA 350.1	WETA/4434		
3028443009	G-7-P3A	EPA 350.1	WETA/4434		
3028443011	G-7-P3B	EPA 350.1	WETA/4434		
3028443013	G-7-P4A	EPA 350.1	WETA/4434		
3028443015	G-7-P4B	EPA 350.1	WETA/4434		
3028443017	G-7-P5A	EPA 350.1	WETA/4434		
3028443019	G-7-P5B	EPA 350.1	WETA/4434		
3028443021	G-7-P6A	EPA 350.1	WETA/4434		
3028443023	G-7-P6B	EPA 350.1	WETA/4434		
3028443025	G-7-P7B	EPA 350.1	WETA/4434		
3028443027	G-7-P7A	EPA 350.1	WETA/4434		
3028443029	G-7-P8A	EPA 350.1	WETA/4434		
3028443031	G-7-P9A	EPA 350.1	WETA/4434		
3028443033	G-7-P10A	EPA 350.1	WETA/4434		
3028443035	G-7-P10B	EPA 350.1	WETA/4434		
3028443037	G-7-P9B	EPA 350.1	WETA/4434		
3028443039	G-7-P11A	EPA 350.1	WETA/4447		
3028443041	G-7-P11B	EPA 350.1	WETA/4447		
3028443043	G-7-P11C	EPA 350.1	WETA/4447		
3028443045	G-7-P8B	EPA 350.1	WETA/4447		
3028443047	G-7-P12A	EPA 350.1	WETA/4447		
3028443002	G-7-P1A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028443004	G-7-P1B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028443006	G-7-P2A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028443008	G-7-P2B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028443010	G-7-P3A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028443012	G-7-P3B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443014	G-7-P4A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443016	G-7-P4B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443018	G-7-P5A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443020	G-7-P5B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443022	G-7-P6A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443024	G-7-P6B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443026	G-7-P7B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443028	G-7-P7A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443030	G-7-P8A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443032	G-7-P9A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443034	G-7-P10A(ASTM)	SM 4500-Cl-E	WETA/4420		

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Greensburg, PA 15601
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028443036	G-7-P10B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443038	G-7-P9B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443040	G-7-P11A(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443042	G-7-P11B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443044	G-7-P11C(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443046	G-7-P8B(ASTM)	SM 4500-Cl-E	WETA/4420		
3028443048	G-7-P12A(ASTM)	SM 4500-Cl-E	WETA/4420		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 178532

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10607A5

Level: (low/med) LOW Date Received: 06/04/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.27	1740	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P1A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443001

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10607B3

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P1B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443003

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607B4

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 1120-21-4	UNDECANE	5.48	216	NJ
2. 112-40-3	DODECANE	6.30	178	NJ
3. 629-59-4	TETRADECANE	7.55	289	NJ
4. 629-78-7	HEPTADECANE	9.05	291	NJ
5. 629-92-5	NONADECANE $$ N-NONADECANE	9.90	143	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P2A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443005

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10607B5

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P2B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443007

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607B8

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.77	1030	NJ
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P3A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443009

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10607B9

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P3B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443011

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10607C0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.76	1390	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P4A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443013

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10607C1

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P4B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443015

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607C2

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 2199-69-1	BENZENE-1,2,3,4-D4-, 5,6-DIC	4.77	1090	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P5A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443017

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10607C3

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P5B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443019

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10607C4

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P6A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443021

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10607C5

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P6B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443023

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10607C6

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P7A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443027

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10607C8

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 3855-82-1	1,4-DICHLOROBENZENE-D4	4.77	1410	NJ
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P7B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106071

Matrix: (soil/water) SOIL Lab Sample ID: 3028443025

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10607C7

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/07/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I SV-TIC

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 179991

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10610A8

Level: (low/med) LOW Date Received: 06/09/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1370	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P10A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443033

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610B2

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1550	J
3.				
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P10B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443035

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610B3

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1800	J
2.				
3.				
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P11A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443039

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610B5

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1420	J
2.				
3.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P11B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443041

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610B6

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1200	J
2.				
3.				
4.				
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FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P11C

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443043

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610B7

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1400	J
3.				
4.				
5.				
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FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P12A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443047

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10610B9

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1560	J
3.				
4.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P8A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443029

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10610B0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1000	J
2.				
3.				
4.				
5.				
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7.				
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FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P8B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443045

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610B8

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1360	J
2.				
3.				
4.				
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FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P9A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443031

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610B1

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.46	0.000	
2.	UNKNOWN	4.14	1690	J
3.				
4.				
5.				
6.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P9B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028443037

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10610B4

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1850	J
3.				
4.				
5.				
6.				
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FORM I SV-TIC

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1361252

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: URS Corp	Report To: James_Pinta@urscorp.com	Attention: James_Pinta@urscorp.com
Address: 501 Holiday Drive	Copy To: Mark_Holsing@urscorp.com	Company Name: URS Corp
Pittsburgh PA 15220	Andy_Mahalko@urscorp.com	Address: 501 Holiday Drive
Email To: James_Pinta@urscorp.com	Purchase Order No.:	Pace Quote Reference: Pittsburgh PA 15220
Phone: 412 503 4621 Fax:	Project Name: KLG	Pace Project Manager: Tim Reed
Requested Due Date/TAT: 2 Week	Project Number: 39939654.00001	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER ____

Site Location STATE: ____

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOC	Silica-TIC	Metals	Ammonia	MBAS	Acidity/Alk.	Ethylene Glycol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	G-7-P1A	S	G	5/26/10	900													✓	✓	✓	✓	✓	✓	✓			001, 002
2	G-7-P1B				903													✓	✓	✓	✓	✓	✓	✓			003, 004
3	G-7-P2A				910													✓	✓	✓	✓	✓	✓	✓			005, 006
4	G-7-P2B				912													✓	✓	✓	✓	✓	✓	✓			007, 008
5	G-7-P3A				945													✓	✓	✓	✓	✓	✓	✓			009, 010
6	G-7-P3B				947													✓	✓	✓	✓	✓	✓	✓			011, 012
7	G-7-P4A				1005													✓	✓	✓	✓	✓	✓	✓			013, 014
8	G-7-P4B				1007													✓	✓	✓	✓	✓	✓	✓			015, 016
9	G-7-P5A				1027													✓	✓	✓	✓	✓	✓	✓			017, 018
10	G-7-P5B				1030													✓	✓	✓	✓	✓	✓	✓			019, 020
11	G-7-P6A				1035													✓	✓	✓	✓	✓	✓	✓			021, 022
12	G-7-P6B				1037													✓	✓	✓	✓	✓	✓	✓			023, 024

3028443

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] URS	5/26/10	1870	[signature]	5/27/10	1030	K.Y	Y	N	N

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Mar-2007

CABOT-EPA 005090

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

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Section A Required Client Information:

Company: URS CORP
Address: 501 HOLIDAY DRIVE
PITTSBURGH PA 15220
Email To: James_Pintar@urscorp.com
Phone: 412 503-4602 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pintar@urscorp.com
Copy To: mark_holsinger@urscorp.com
Andy_Mehalko@urscorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39938654-00001

Section C Invoice Information:

Attention: Thomas_Merkle@urscorp.com
Company Name: URS CORP
Address: 501 HOLIDAY DRIVE
Pace Quote Reference: PITTSBURGH PA 15220
Pace Project Manager: TIM REED
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location
STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 3028443
1	G-7-P15	G	S	5/26/10	1530															025, 026
2	G-7-P7A				1027															027, 028
3	G-7-P8A				1115															029, 030
4	G-7-P9A				1200															031, 032
5	G-7-P9B				1222															~~033, 034~~ 037, 038
6	G-7-P10A				1240															~~035, 036~~ 033, 034
7	G-7-P10B				1243															~~037, 038~~ 035, 036
8	G-7-P11A				1255															039, 040
9	G-7-P11B				1257															041, 042
10	G-7-P11C				1259															043, 044
11	G-7-P8B				1117															045, 046
12	G-7-P12A				1305															047, 048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS 049-[illegible]		
	[signature] URS	5/26/10	1870	[signature]	5/27/10	1030	8.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 005091

DIM0223739 DIM0224484

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	Analytical Parameters Requested													
		VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for ALL Petroleum Products
Soils															
P/F	[redacted] 1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted] 1	x	x	x		x				x	x		x		
P/F	[redacted] 2	x	x	x		x				x	x		x		
SL4D	[redacted] 5 - "P samples"													x	
P/F	[redacted] 5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted] 4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted] 3 - "P samples"													x	
P/F	[redacted] 3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted] 7	x	x	x		x				x	x		x		
SL4D	[redacted] 2 - "P samples"														
P/F + SL4D	[redacted] 2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted] 5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted] 6														x
P/F	[redacted] 7	x	x	x		x				x	x		x		
Water															
Ext	[redacted] 4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted] 6					x								x	

CABOT-EPA 005092

DIM0223739

DIM0224485

Sample Condition Upon Receipt

LL

Pace Analytical

Client Name: URS Project # 3028443

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8605659461950 - master #

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other Foam

Thermometer Used (3) 5 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 8.4 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: SMB 5/27/10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☒No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☒No	Initial when completed SMB / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Samples on top of bagged ice only about 5lbs/cooler

Project Manager Review: _____ **Date:** 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008062

Project Number
3028443

Issued
Wednesday, June 09, 2010

Total Number of Pages
6 (excluding C.O.C. and cooler receipt form)

Approved By :
QA Manager

NELAC Accreditation #E87688

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Pace Analytical
Order Number: 1008062

Laboratory ID	Client ID	Matrix	Sampling Date
1008062-01	3028443001	Solid	5/26/2010
1008062-02	3028443003	Solid	5/26/2010
1008062-03	3028443005	Solid	5/26/2010
1008062-04	3028443007	Solid	5/26/2010
1008062-05	3028443009	Solid	5/26/2010
1008062-06	3028443011	Solid	5/26/2010
1008062-07	3028443013	Solid	5/26/2010
1008062-08	3028443015	Solid	5/26/2010
1008062-09	3028443017	Solid	5/26/2010
1008062-10	3028443019	Solid	5/26/2010
1008062-11	3028443021	Solid	5/26/2010
1008062-12	3028443023	Solid	5/26/2010
1008062-13	3028443025	Solid	5/26/2010
1008062-14	3028443027	Solid	5/26/2010
1008062-15	3028443029	Solid	5/26/2010
1008062-16	3028443031	Solid	5/26/2010
1008062-17	3028443033	Solid	5/26/2010
1008062-18	3028443035	Solid	5/26/2010
1008062-19	3028443037	Solid	5/26/2010
1008062-20	3028443039	Solid	5/26/2010
1008062-21	3028443041	Solid	5/26/2010
1008062-22	3028443043	Solid	5/26/2010
1008062-23	3028443045	Solid	5/26/2010
1008062-24	3028443047	Solid	5/26/2010

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SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008062

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.

S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028443

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028443001	1008062-01	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443003	1008062-02	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443005	1008062-03	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443007	1008062-04	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443009	1008062-05	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443011	1008062-06	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443013	1008062-07	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443015	1008062-08	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443017	1008062-09	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443019	1008062-10	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443021	1008062-11	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN

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SUMMIT
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Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028443

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028443023	1008062-12	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443025	1008062-13	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443027	1008062-14	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443029	1008062-15	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443031	1008062-16	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443033	1008062-17	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443035	1008062-18	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443037	1008062-19	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443039	1008062-20	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443041	1008062-21	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN
3028443043	1008062-22	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028443

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028443045	1008062-23	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028443047	1008062-24	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	07-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical™
www.pacelabs.com

Subcontractor Project No.:
P.O. No: ASR- 3028443

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 5/28/10 Analysis Due Date: 6/11/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028443
Report/Invoice to: Tim Reed

Page 1 of 2

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028443001	SL	5/26/10	9:00	Ethylene Glycol	8015		
2	3028443003	SL	5/26/10	9:03	Ethylene Glycol	8015		
3	3028443005	SL	5/26/10	9:10	Ethylene Glycol	8015		
4	3028443007	SL	5/26/10	9:12	Ethylene Glycol	8015		
5	3028443009	SL	5/26/10	9:45	Ethylene Glycol	8015		
6	3028443011	SL	5/26/10	9:47	Ethylene Glycol	8015		
7	3028443013	SL	5/26/10	10:05	Ethylene Glycol	8015		
8	3028443015	SL	5/26/10	10:07	Ethylene Glycol	8015		
9	3028443017	SL	5/26/10	10:27	Ethylene Glycol	8015		
10	3028443019	SL	5/26/10	10:30	Ethylene Glycol	8015		
11	3028443021	SL	5/26/10	10:35	Ethylene Glycol	8015		
12	3028443023	SL	5/26/10	10:37	Ethylene Glycol	8015		

Special Requirements: 1008062-01-24

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Pace Agent Name Title
Acceptance of Terms By: Subcontract Lab Agent Title

Relinquised By: (Signature & Affiliation) 5-28-10 17:00 (Date) (Time)
Received By: (Signature & Affiliation) 5-29-10 10:30 (Date) (Time)
Relinquised By: (Signature & Affiliation) (Date) (Time)
Received By: (Signature & Affiliation) (Date) (Time)
Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005100

DIM0223739 DIM0224493

Chain of Custody

Pace Analytical™
www.pacelabs.com

Subcontractor Project No.:
P.O. No: ASR- 3028443

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 5/28/10 Analysis Due Date: 6/11/2010
Shipped By: FedEx

Certification Required: PA Cert

Pace Project No.: 3028443
Report/Invoice to: Tim Reed

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028443025	SL	5/26/10	10:30	Ethylene Glycol	8015		
2	3028443027	SL	5/26/10	10:27	Ethylene Glycol	8015		
3	3028443029	SL	5/26/10	11:15	Ethylene Glycol	8015		
4	3028443031	SL	5/26/10	12:00	Ethylene Glycol	8015		
5	3028443033	SL	5/26/10	12:22	Ethylene Glycol	8015		
6	3028443035	SL	5/26/10	12:40	Ethylene Glycol	8015		
7	3028443037	SL	5/26/10	12:43	Ethylene Glycol	8015		
8	3028443039	SL	5/26/10	12:55	Ethylene Glycol	8015		
9	3028443041	SL	5/26/10	12:57	Ethylene Glycol	8015		
10	3028443043	SL	5/26/10	12:59	Ethylene Glycol	8015		
11	3028443045	SL	5/26/10	11:17	Ethylene Glycol	8015		
12	3028443047	SL	5/26/10	13:05	Ethylene Glycol	8015		

Special Requirements: 1008062-01-24

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____ Pace Agent Name _____ Title
Acceptance of Terms By: _____ Subcontract Lab Agent _____ Title

Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)
Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)
Comments:

ASR (C015-0 31July2007)

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Order Number: 1008062

Date Received: 5-29-10 Time Received: 10:00

Number of Coolers/Boxes: 2 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 11, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028453

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

The samples were subcontracted to Summit Environmental Technologies Inc., 3310 Win Street, Cuyoga Falls, OH 44223, for Ethylene Glycol analysis. Results of this analysis are provided on the Summit Environmental Technologies Inc. data tables.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: KLG
Pace Project No.: 3028453

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028453001	G-7-P12B	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453002	G-7-P12B(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453003	G-7-P13A	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453004	G-7-P13A(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453005	G-7-P13B	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453006	G-7-P13B(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453007	G-7-P14A	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453008	G-7-P14A(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453009	G-7-P14B	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028453010	G-7-P14B(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453011	G-7-P15A	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453012	G-7-P15A(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453013	G-7-P15B	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453014	G-7-P15B(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453015	G-7-P16A	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453016	G-7-P16A(ASTM)	SM 5540C	RAA	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453017	G-7-P16B	EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028453018	G-7-P16B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028453019	G-3-P1A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028453021	G-3-P1B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453023	G-3-P2A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453025	G-3-P2B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453027	G-3-P3A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453029	G-3-P3B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453031	G-3-P4A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453033	G-3-P4B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453035	G-3-P5A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453037	G-3-P5B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453039	G-3-P6A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453041	G-3-P6B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028453043	Trip Blank	EPA 8260	JAS	55	PASI-PA

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Project: KLG
Pace Project No.: 3028453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453001	**G-7-P12B**					
EPA 6010B	Aluminum	13200	mg/kg	7.3	06/07/10 11:27	
EPA 6010B	Arsenic	15.3	mg/kg	0.37	06/07/10 11:27	
EPA 6010B	Barium	125	mg/kg	1.5	06/07/10 11:27	
EPA 6010B	Beryllium	0.73	mg/kg	0.15	06/07/10 11:27	
EPA 6010B	Boron	6.7	mg/kg	3.7	06/07/10 11:27	
EPA 6010B	Cadmium	0.39	mg/kg	0.15	06/07/10 11:27	
EPA 6010B	Calcium	1960	mg/kg	146	06/07/10 11:27	
EPA 6010B	Chromium	14.4	mg/kg	0.37	06/07/10 11:27	
EPA 6010B	Cobalt	12.1	mg/kg	0.73	06/07/10 11:27	
EPA 6010B	Copper	18.2	mg/kg	0.73	06/07/10 11:27	
EPA 6010B	Iron	25500	mg/kg	7.3	06/07/10 11:27	
EPA 6010B	Lead	14.2	mg/kg	0.37	06/07/10 11:27	
EPA 6010B	Magnesium	4080	mg/kg	36.6	06/07/10 11:27	
EPA 6010B	Manganese	912	mg/kg	0.73	06/07/10 11:27	
EPA 6010B	Nickel	23.3	mg/kg	1.5	06/07/10 11:27	
EPA 6010B	Potassium	1690	mg/kg	36.6	06/07/10 11:27	
EPA 6010B	Silver	0.65	mg/kg	0.15	06/07/10 11:27	
EPA 6010B	Vanadium	14.8	mg/kg	0.73	06/07/10 11:27	
EPA 6010B	Zinc	65.3	mg/kg	0.73	06/07/10 11:27	
EPA 8260	Acetone	17.0	ug/kg	10.6	06/08/10 17:16	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	06/10/10 13:50	
3028453003	**G-7-P13A**					
EPA 6010B	Aluminum	15300	mg/kg	9.2	06/07/10 11:53	
EPA 6010B	Antimony	0.64	mg/kg	0.46	06/07/10 11:53	
EPA 6010B	Arsenic	13.6	mg/kg	0.46	06/07/10 11:53	
EPA 6010B	Barium	117	mg/kg	1.8	06/07/10 11:53	
EPA 6010B	Beryllium	0.73	mg/kg	0.18	06/07/10 11:53	
EPA 6010B	Boron	6.6	mg/kg	4.6	06/07/10 11:53	
EPA 6010B	Cadmium	0.37	mg/kg	0.18	06/07/10 11:53	
EPA 6010B	Calcium	917	mg/kg	185	06/07/10 11:53	
EPA 6010B	Chromium	16.2	mg/kg	0.46	06/07/10 11:53	
EPA 6010B	Cobalt	11.2	mg/kg	0.92	06/07/10 11:53	
EPA 6010B	Copper	15.4	mg/kg	0.92	06/07/10 11:53	
EPA 6010B	Iron	25600	mg/kg	9.2	06/07/10 11:53	
EPA 6010B	Lead	18.9	mg/kg	0.46	06/07/10 11:53	
EPA 6010B	Magnesium	4020	mg/kg	46.2	06/07/10 11:53	
EPA 6010B	Manganese	820	mg/kg	0.92	06/07/10 11:53	
EPA 6010B	Nickel	21.8	mg/kg	1.8	06/07/10 11:53	
EPA 6010B	Potassium	1500	mg/kg	46.2	06/07/10 11:53	
EPA 6010B	Silver	0.64	mg/kg	0.18	06/07/10 11:53	
EPA 6010B	Vanadium	18.2	mg/kg	0.92	06/07/10 11:53	
EPA 6010B	Zinc	67.0	mg/kg	0.92	06/07/10 11:53	
EPA 8260	Acetone	36.3	ug/kg	11.2	06/08/10 17:41	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	06/10/10 13:51	
EPA 350.1	Nitrogen, Ammonia	18.6	mg/kg	4.9	06/09/10 16:50	

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CABOT-EPA 005108

DIM0223739 DIM0224501

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Greensburg, PA 15601
(724)850-5600

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Project: KLG
Pace Project No.: 3028453

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453005	**G-7-P13B**					
EPA 6010B	Aluminum	12000	mg/kg	6.5	06/07/10 11:56	
EPA 6010B	Arsenic	16.8	mg/kg	0.33	06/07/10 11:56	
EPA 6010B	Barium	133	mg/kg	1.3	06/07/10 11:56	
EPA 6010B	Beryllium	0.61	mg/kg	0.13	06/07/10 11:56	
EPA 6010B	Boron	5.5	mg/kg	3.3	06/07/10 11:56	
EPA 6010B	Cadmium	0.42	mg/kg	0.13	06/07/10 11:56	
EPA 6010B	Calcium	1690	mg/kg	130	06/07/10 11:56	
EPA 6010B	Chromium	12.9	mg/kg	0.33	06/07/10 11:56	
EPA 6010B	Cobalt	11.3	mg/kg	0.65	06/07/10 11:56	
EPA 6010B	Copper	15.5	mg/kg	0.65	06/07/10 11:56	
EPA 6010B	Iron	23700	mg/kg	6.5	06/07/10 11:56	
EPA 6010B	Lead	21.6	mg/kg	0.33	06/07/10 11:56	
EPA 6010B	Magnesium	3850	mg/kg	32.5	06/07/10 11:56	
EPA 6010B	Manganese	810	mg/kg	0.65	06/07/10 11:56	
EPA 6010B	Nickel	21.0	mg/kg	1.3	06/07/10 11:56	
EPA 6010B	Potassium	1380	mg/kg	32.5	06/07/10 11:56	
EPA 6010B	Silver	0.46	mg/kg	0.13	06/07/10 11:56	
EPA 6010B	Vanadium	13.3	mg/kg	0.65	06/07/10 11:56	
EPA 6010B	Zinc	72.2	mg/kg	0.65	06/07/10 11:56	
EPA 8260	Acetone	33.6	ug/kg	18.0	06/08/10 18:05	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	06/10/10 15:27	
3028453007	**G-7-P14A**					
EPA 6010B	Aluminum	15700	mg/kg	8.1	06/07/10 11:59	
EPA 6010B	Arsenic	20.8	mg/kg	0.41	06/07/10 11:59	
EPA 6010B	Barium	157	mg/kg	1.6	06/07/10 11:59	
EPA 6010B	Beryllium	0.89	mg/kg	0.16	06/07/10 11:59	
EPA 6010B	Boron	7.8	mg/kg	4.1	06/07/10 11:59	
EPA 6010B	Cadmium	0.39	mg/kg	0.16	06/07/10 11:59	
EPA 6010B	Calcium	1420	mg/kg	162	06/07/10 11:59	
EPA 6010B	Chromium	17.7	mg/kg	0.41	06/07/10 11:59	
EPA 6010B	Cobalt	13.8	mg/kg	0.81	06/07/10 11:59	
EPA 6010B	Copper	18.5	mg/kg	0.81	06/07/10 11:59	
EPA 6010B	Iron	30200	mg/kg	8.1	06/07/10 11:59	
EPA 6010B	Lead	27.3	mg/kg	0.41	06/07/10 11:59	
EPA 6010B	Magnesium	4950	mg/kg	40.5	06/07/10 11:59	
EPA 6010B	Manganese	902	mg/kg	0.81	06/07/10 11:59	
EPA 6010B	Nickel	26.7	mg/kg	1.6	06/07/10 11:59	
EPA 6010B	Potassium	1670	mg/kg	40.5	06/07/10 11:59	
EPA 6010B	Silver	0.79	mg/kg	0.16	06/07/10 11:59	
EPA 6010B	Vanadium	17.5	mg/kg	0.81	06/07/10 11:59	
EPA 6010B	Zinc	74.1	mg/kg	0.81	06/07/10 11:59	
EPA 8260	Acetone	38.5	ug/kg	13.4	06/08/10 18:29	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	06/10/10 15:29	
EPA 350.1	Nitrogen, Ammonia	6.9	mg/kg	5.5	06/09/10 16:52	
3028453009	**G-7-P14B**					
EPA 6010B	Aluminum	13500	mg/kg	10.5	06/07/10 12:02	

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Project: KLG
Pace Project No.: 3028453

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453009	**G-7-P14B**					
EPA 6010B	Antimony	0.62	mg/kg	0.53	06/07/10 12:02	
EPA 6010B	Arsenic	16.9	mg/kg	0.53	06/07/10 12:02	
EPA 6010B	Barium	134	mg/kg	2.1	06/07/10 12:02	
EPA 6010B	Beryllium	0.73	mg/kg	0.21	06/07/10 12:02	
EPA 6010B	Boron	7.5	mg/kg	5.3	06/07/10 12:02	
EPA 6010B	Cadmium	0.57	mg/kg	0.21	06/07/10 12:02	
EPA 6010B	Calcium	1650	mg/kg	210	06/07/10 12:02	
EPA 6010B	Chromium	14.0	mg/kg	0.53	06/07/10 12:02	
EPA 6010B	Cobalt	13.9	mg/kg	1.1	06/07/10 12:02	
EPA 6010B	Copper	19.0	mg/kg	1.1	06/07/10 12:02	
EPA 6010B	Iron	26200	mg/kg	10.5	06/07/10 12:02	
EPA 6010B	Lead	25.3	mg/kg	0.53	06/07/10 12:02	
EPA 6010B	Magnesium	4140	mg/kg	52.6	06/07/10 12:02	
EPA 6010B	Manganese	1230	mg/kg	1.1	06/07/10 12:02	
EPA 6010B	Nickel	24.7	mg/kg	2.1	06/07/10 12:02	
EPA 6010B	Potassium	1810	mg/kg	52.6	06/07/10 12:02	
EPA 6010B	Silver	0.75	mg/kg	0.21	06/07/10 12:02	
EPA 6010B	Vanadium	15.1	mg/kg	1.1	06/07/10 12:02	
EPA 6010B	Zinc	74.8	mg/kg	1.1	06/07/10 12:02	
EPA 8260	Acetone	11.5	ug/kg	8.5	06/08/10 18:53	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	06/10/10 15:31	
3028453011	**G-7-P15A**					
EPA 6010B	Aluminum	15600	mg/kg	6.6	06/07/10 12:53	
EPA 6010B	Arsenic	18.6	mg/kg	0.33	06/07/10 12:53	
EPA 6010B	Barium	183	mg/kg	1.3	06/07/10 12:53	
EPA 6010B	Beryllium	0.90	mg/kg	0.13	06/07/10 12:53	
EPA 6010B	Boron	7.8	mg/kg	3.3	06/07/10 12:53	
EPA 6010B	Cadmium	0.40	mg/kg	0.13	06/07/10 12:53	
EPA 6010B	Calcium	2060	mg/kg	133	06/07/10 12:53	
EPA 6010B	Chromium	17.0	mg/kg	0.33	06/07/10 12:53	
EPA 6010B	Cobalt	13.2	mg/kg	0.66	06/07/10 12:53	
EPA 6010B	Copper	20.3	mg/kg	0.66	06/07/10 12:53	
EPA 6010B	Iron	30200	mg/kg	6.6	06/07/10 12:53	
EPA 6010B	Lead	19.2	mg/kg	0.33	06/07/10 12:53	
EPA 6010B	Magnesium	4910	mg/kg	33.1	06/07/10 12:53	
EPA 6010B	Manganese	1090	mg/kg	0.66	06/07/10 12:53	
EPA 6010B	Nickel	26.5	mg/kg	1.3	06/07/10 12:53	
EPA 6010B	Potassium	1690	mg/kg	33.1	06/07/10 12:53	
EPA 6010B	Silver	0.77	mg/kg	0.13	06/07/10 12:53	
EPA 6010B	Vanadium	17.6	mg/kg	0.66	06/07/10 12:53	
EPA 6010B	Zinc	73.7	mg/kg	0.66	06/07/10 12:53	
EPA 8260	Acetone	45.5	ug/kg	10.7	06/08/10 19:17	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	06/10/10 15:32	
3028453013	**G-7-P15B**					
EPA 6010B	Aluminum	14500	mg/kg	5.8	06/07/10 12:08	
EPA 6010B	Arsenic	18.5	mg/kg	0.29	06/07/10 12:08	

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Project: KLG
Pace Project No.: 3028453

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453013	**G-7-P15B**					
EPA 6010B	Barium	145	mg/kg	1.2	06/07/10 12:08	
EPA 6010B	Beryllium	0.83	mg/kg	0.12	06/07/10 12:08	
EPA 6010B	Boron	7.3	mg/kg	2.9	06/07/10 12:08	
EPA 6010B	Cadmium	0.56	mg/kg	0.12	06/07/10 12:08	
EPA 6010B	Calcium	1940	mg/kg	116	06/07/10 12:08	
EPA 6010B	Chromium	15.4	mg/kg	0.29	06/07/10 12:08	
EPA 6010B	Cobalt	13.5	mg/kg	0.58	06/07/10 12:08	
EPA 6010B	Copper	19.0	mg/kg	0.58	06/07/10 12:08	
EPA 6010B	Iron	28100	mg/kg	5.8	06/07/10 12:08	
EPA 6010B	Lead	18.9	mg/kg	0.29	06/07/10 12:08	
EPA 6010B	Magnesium	4460	mg/kg	28.9	06/07/10 12:08	
EPA 6010B	Manganese	1220	mg/kg	0.58	06/07/10 12:08	
EPA 6010B	Nickel	26.3	mg/kg	1.2	06/07/10 12:08	
EPA 6010B	Potassium	1680	mg/kg	28.9	06/07/10 12:08	
EPA 6010B	Silver	0.75	mg/kg	0.12	06/07/10 12:08	
EPA 6010B	Vanadium	16.4	mg/kg	0.58	06/07/10 12:08	
EPA 6010B	Zinc	70.2	mg/kg	0.58	06/07/10 12:08	
EPA 8260	Acetone	18.8	ug/kg	7.8	06/08/10 19:41	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	06/10/10 15:33	
3028453015	**G-7-P16A**					
EPA 6010B	Aluminum	15000	mg/kg	7.4	06/07/10 12:11	
EPA 6010B	Arsenic	17.5	mg/kg	0.37	06/07/10 12:11	
EPA 6010B	Barium	170	mg/kg	1.5	06/07/10 12:11	
EPA 6010B	Beryllium	0.79	mg/kg	0.15	06/07/10 12:11	
EPA 6010B	Boron	7.1	mg/kg	3.7	06/07/10 12:11	
EPA 6010B	Cadmium	0.58	mg/kg	0.15	06/07/10 12:11	
EPA 6010B	Calcium	1290	mg/kg	148	06/07/10 12:11	
EPA 6010B	Chromium	16.9	mg/kg	0.37	06/07/10 12:11	
EPA 6010B	Cobalt	13.1	mg/kg	0.74	06/07/10 12:11	
EPA 6010B	Copper	18.2	mg/kg	0.74	06/07/10 12:11	
EPA 6010B	Iron	28700	mg/kg	7.4	06/07/10 12:11	
EPA 6010B	Lead	26.7	mg/kg	0.37	06/07/10 12:11	
EPA 6010B	Magnesium	4620	mg/kg	37.1	06/07/10 12:11	
EPA 6010B	Manganese	909	mg/kg	0.74	06/07/10 12:11	
EPA 6010B	Nickel	26.2	mg/kg	1.5	06/07/10 12:11	
EPA 6010B	Potassium	1510	mg/kg	37.1	06/07/10 12:11	
EPA 6010B	Silver	0.88	mg/kg	0.15	06/07/10 12:11	
EPA 6010B	Vanadium	16.7	mg/kg	0.74	06/07/10 12:11	
EPA 6010B	Zinc	73.1	mg/kg	0.74	06/07/10 12:11	
EPA 8260	Acetone	45.4	ug/kg	10.0	06/08/10 20:05	
ASTM D2974-87	Percent Moisture	10.1	%	0.10	06/10/10 15:34	
EPA 350.1	Nitrogen, Ammonia	5.4	mg/kg	5.2	06/09/10 16:57	
3028453017	**G-7-P16B**					
EPA 6010B	Aluminum	12800	mg/kg	8.4	06/07/10 12:14	
EPA 6010B	Arsenic	13.6	mg/kg	0.42	06/07/10 12:14	
EPA 6010B	Barium	145	mg/kg	1.7	06/07/10 12:14	

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HITS ONLY

Project: KLG
Pace Project No.: 3028453

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453017	**G-7-P16B**					
EPA 6010B	Beryllium	0.67	mg/kg	0.17	06/07/10 12:14	
EPA 6010B	Boron	6.9	mg/kg	4.2	06/07/10 12:14	
EPA 6010B	Cadmium	0.46	mg/kg	0.17	06/07/10 12:14	
EPA 6010B	Calcium	1660	mg/kg	169	06/07/10 12:14	
EPA 6010B	Chromium	14.0	mg/kg	0.42	06/07/10 12:14	
EPA 6010B	Cobalt	11.5	mg/kg	0.84	06/07/10 12:14	
EPA 6010B	Copper	28.0	mg/kg	0.84	06/07/10 12:14	
EPA 6010B	Iron	25000	mg/kg	8.4	06/07/10 12:14	
EPA 6010B	Lead	17.5	mg/kg	0.42	06/07/10 12:14	
EPA 6010B	Magnesium	4030	mg/kg	42.2	06/07/10 12:14	
EPA 6010B	Manganese	630	mg/kg	0.84	06/07/10 12:14	
EPA 6010B	Nickel	21.5	mg/kg	1.7	06/07/10 12:14	
EPA 6010B	Potassium	1420	mg/kg	42.2	06/07/10 12:14	
EPA 6010B	Silver	0.82	mg/kg	0.17	06/07/10 12:14	
EPA 6010B	Vanadium	14.8	mg/kg	0.84	06/07/10 12:14	
EPA 6010B	Zinc	69.5	mg/kg	0.84	06/07/10 12:14	
EPA 8260	Acetone	14.6	ug/kg	9.6	06/08/10 20:30	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	06/10/10 15:34	
3028453019	**G-3-P1A**					
EPA 8260	Ethylbenzene	20.5	ug/kg	4.6	06/07/10 01:02	
EPA 8260	Isopropylbenzene (Cumene)	29.3	ug/kg	4.6	06/07/10 01:02	
EPA 8260	Naphthalene	253	ug/kg	4.6	06/07/10 01:02	
EPA 8260	Toluene	4.9	ug/kg	4.6	06/07/10 01:02	
EPA 8260	1,2,4-Trimethylbenzene	348	ug/kg	4.6	06/07/10 01:02	
EPA 8260	1,3,5-Trimethylbenzene	146	ug/kg	4.6	06/07/10 01:02	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	06/10/10 15:35	
3028453021	**G-3-P1B**					
EPA 8260	Ethylbenzene	10.5	ug/kg	4.2	06/07/10 01:26	
EPA 8260	Isopropylbenzene (Cumene)	4.5	ug/kg	4.2	06/07/10 01:26	
EPA 8260	Naphthalene	21.8	ug/kg	4.2	06/07/10 01:26	
EPA 8260	Toluene	5.6	ug/kg	4.2	06/07/10 01:26	
EPA 8260	1,2,4-Trimethylbenzene	49.6	ug/kg	4.2	06/07/10 01:26	
EPA 8260	1,3,5-Trimethylbenzene	18.0	ug/kg	4.2	06/07/10 01:26	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	06/10/10 15:36	
3028453023	**G-3-P2A**					
ASTM D2974-87	Percent Moisture	14.9	%	0.10	06/10/10 15:38	
3028453025	**G-3-P2B**					
ASTM D2974-87	Percent Moisture	10.3	%	0.10	06/10/10 15:38	
3028453027	**G-3-P3A**					
ASTM D2974-87	Percent Moisture	9.7	%	0.10	06/10/10 15:39	
3028453029	**G-3-P3B**					
ASTM D2974-87	Percent Moisture	10.1	%	0.10	06/10/10 15:40	

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HITS ONLY

Project: KLG
Pace Project No.: 3028453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028453031	**G-3-P4A**					
ASTM D2974-87	Percent Moisture	8.2	%	0.10	06/10/10 15:42	
3028453033	**G-3-P4B**					
ASTM D2974-87	Percent Moisture	9.6	%	0.10	06/10/10 15:43	
3028453035	**G-3-P5A**					
ASTM D2974-87	Percent Moisture	11.1	%	0.10	06/10/10 15:45	
3028453037	**G-3-P5B**					
ASTM D2974-87	Percent Moisture	9.7	%	0.10	06/10/10 15:46	
3028453039	**G-3-P6A**					
ASTM D2974-87	Percent Moisture	10.3	%	0.10	06/10/10 15:47	
3028453041	**G-3-P6B**					
ASTM D2974-87	Percent Moisture	10	%	0.10	06/10/10 15:47	

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3968

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 5038028001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 177776)
  - Aluminum
  - Antimony
  - Barium
  - Calcium
  - Iron
  - Magnesium
  - Manganese
  - Potassium

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3968

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 177775)
  - Arsenic

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DIM0223739 DIM0224507

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 11, 2010

QC Batch: MPRP/3968

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- Boron
- Cadmium
- Calcium
- Copper
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium

Additional Comments:

Workorder Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: EPA 7471
Description: 7471 Mercury
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

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CABOT-EPA 005116

DIM0223739 DIM0224509

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: EPA 8270
Description: 8270 MSSV FULL LIST MICROWAVE
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 8260**
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6117

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

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CABOT-EPA 005118

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6008

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028288023

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 176859)
  - Bromoform
  - Carbon disulfide
  - Chloroethane
  - n-Propylbenzene
  - trans-1,3-Dichloropropene
- MSD (Lab ID: 176860)
  - Chloroethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 176860)
  - Bromomethane
  - Carbon disulfide

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 11, 2010

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 8260**
Description: 8260 MSV PA UST
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/6031

S6: Surrogate recovery outside control limits. Data accepted based on valid recovery of applicable surrogates (no analytes associated with this surrogate)

- G-3-P4A (Lab ID: 3028453031)
  - 1,2-Dichloroethane-d4 (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/6031

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 177679)
  - Methyl-tert-butyl ether

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6031

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6081

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: EPA 8260
Description: 8260 MSV PA UST
Client: URS Corporation - PGH PA
Date: June 11, 2010

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WET/5819

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028753003

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 178328)
  - Surfactants

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

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Analyte Comments:

QC Batch: WET/5796

3c: Samples were tumbled on 06/01/2010 and analyzed within 48 hours.

- DUP (Lab ID: 177508)
  - Surfactants
- G-7-P12B(ASTM) (Lab ID: 3028453002)
  - Surfactants
- G-7-P13A(ASTM) (Lab ID: 3028453004)
  - Surfactants
- G-7-P13B(ASTM) (Lab ID: 3028453006)
  - Surfactants
- G-7-P14A(ASTM) (Lab ID: 3028453008)
  - Surfactants
- G-7-P14B(ASTM) (Lab ID: 3028453010)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 11, 2010

Analyte Comments:

QC Batch: WET/5796

3c: Samples were tumbled on 06/01/2010 and analyzed within 48 hours.

- G-7-P15A(ASTM) (Lab ID: 3028453012)
  - Surfactants
- G-7-P15B(ASTM) (Lab ID: 3028453014)
  - Surfactants
- G-7-P16A(ASTM) (Lab ID: 3028453016)
  - Surfactants
- MS (Lab ID: 177509)
  - Surfactants

QC Batch: WET/5819

4c: Samples were tumbled on 6/1/2010 and analyzed within 48 hours.

- DUP (Lab ID: 178327)
  - Surfactants
- G-7-P16B(ASTM) (Lab ID: 3028453018)
  - Surfactants
- MS (Lab ID: 178328)
  - Surfactants

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DIM0223739 DIM0224517

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **EPA 350.1**
Description: 350.1 Ammonia
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028453

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 11, 2010

General Information:
9 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4380

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028366036

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 177686)
  - Chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

A trip blank was received that was not listed on the chain of custody.

Analyte Comments:

QC Batch: WETA/4380

1c: ASTM BLANK

- BLANK (Lab ID: 177740)
  - Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P12B **Lab ID: 3028453001** Collected: 05/26/10 13:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13200**	mg/kg	7.3	1	06/03/10 12:01	06/07/10 11:27	7429-90-5	
Antimony	ND	mg/kg	0.37	1	06/03/10 12:01	06/07/10 11:27	7440-36-0	
Arsenic	**15.3**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 11:27	7440-38-2	
Barium	**125**	mg/kg	1.5	1	06/03/10 12:01	06/07/10 11:27	7440-39-3	
Beryllium	**0.73**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 11:27	7440-41-7	
Boron	**6.7**	mg/kg	3.7	1	06/03/10 12:01	06/07/10 11:27	7440-42-8	
Cadmium	**0.39**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 11:27	7440-43-9	
Calcium	**1960**	mg/kg	146	1	06/03/10 12:01	06/07/10 11:27	7440-70-2	
Chromium	**14.4**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 11:27	7440-47-3	
Cobalt	**12.1**	mg/kg	0.73	1	06/03/10 12:01	06/07/10 11:27	7440-48-4	
Copper	**18.2**	mg/kg	0.73	1	06/03/10 12:01	06/07/10 11:27	7440-50-8	
Iron	**25500**	mg/kg	7.3	1	06/03/10 12:01	06/07/10 11:27	7439-89-6	
Lead	**14.2**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 11:27	7439-92-1	
Magnesium	**4080**	mg/kg	36.6	1	06/03/10 12:01	06/07/10 11:27	7439-95-4	
Manganese	**912**	mg/kg	0.73	1	06/03/10 12:01	06/07/10 11:27	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	06/03/10 12:01	06/07/10 11:27	7439-98-7	
Nickel	**23.3**	mg/kg	1.5	1	06/03/10 12:01	06/07/10 11:27	7440-02-0	
Potassium	**1690**	mg/kg	36.6	1	06/03/10 12:01	06/07/10 11:27	7440-09-7	
Selenium	ND	mg/kg	0.37	1	06/03/10 12:01	06/07/10 11:27	7782-49-2	
Silver	**0.65**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 11:27	7440-22-4	
Sodium	ND	mg/kg	366	1	06/03/10 12:01	06/07/10 11:27	7440-23-5	
Thallium	ND	mg/kg	1.5	1	06/03/10 12:01	06/07/10 11:27	7440-28-0	
Vanadium	**14.8**	mg/kg	0.73	1	06/03/10 12:01	06/07/10 11:27	7440-62-2	
Zinc	**65.3**	mg/kg	0.73	1	06/03/10 12:01	06/07/10 11:27	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:36	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	83-32-9	
Acenaphthylene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	208-96-8	
Anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	120-12-7	
Benzo(a)anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	56-55-3	
Benzo(a)pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	207-08-9	
Benzyl alcohol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	101-55-3	
Butylbenzylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	59-50-7	
4-Chloroaniline	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P12B **Lab ID: 3028453001** Collected: 05/26/10 13:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	91-58-7	
2-Chlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	7005-72-3	
Chrysene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	53-70-3	
Dibenzofuran	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	120-83-2	
Diethylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	105-67-9	
Dimethylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	131-11-3	
Di-n-butylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	606-20-2	
Di-n-octylphthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	117-81-7	
Fluoranthene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	206-44-0	
Fluorene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	87-68-3	
Hexachlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	77-47-4	
Hexachloroethane	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	193-39-5	
Isophorone	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	78-59-1	
2-Methylnaphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	713	1	06/09/10 15:05	06/10/10 18:28		
Naphthalene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	91-20-3	
2-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	88-74-4	
3-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	99-09-2	
4-Nitroaniline	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	100-01-6	
Nitrobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	98-95-3	
2-Nitrophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	88-75-5	
4-Nitrophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	86-30-6	
Pentachlorophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	87-86-5	
Phenanthrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	85-01-8	
Phenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	108-95-2	
Pyrene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P12B **Lab ID: 3028453001** Collected: 05/26/10 13:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	892	1	06/09/10 15:05	06/10/10 18:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	357	1	06/09/10 15:05	06/10/10 18:28	88-06-2	
Nitrobenzene-d5 (S)	77	%	35-114	1	06/09/10 15:05	06/10/10 18:28	4165-60-0	
2-Fluorobiphenyl (S)	70	%	43-116	1	06/09/10 15:05	06/10/10 18:28	321-60-8	
Terphenyl-d14 (S)	99	%	33-141	1	06/09/10 15:05	06/10/10 18:28	1718-51-0	
Phenol-d6 (S)	55	%	10-110	1	06/09/10 15:05	06/10/10 18:28	13127-88-3	
2-Fluorophenol (S)	56	%	21-110	1	06/09/10 15:05	06/10/10 18:28	367-12-4	
2,4,6-Tribromophenol (S)	33	%	10-123	1	06/09/10 15:05	06/10/10 18:28	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**17.0**	ug/kg	10.6	1		06/08/10 17:16	67-64-1	
Benzene	ND	ug/kg	5.3	1		06/08/10 17:16	71-43-2	
Bromodichloromethane	ND	ug/kg	5.3	1		06/08/10 17:16	75-27-4	
Bromoform	ND	ug/kg	5.3	1		06/08/10 17:16	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		06/08/10 17:16	74-83-9	
TOTAL BTEX	ND	ug/kg	31.8	1		06/08/10 17:16		
2-Butanone (MEK)	ND	ug/kg	10.6	1		06/08/10 17:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	135-98-8	
Carbon disulfide	ND	ug/kg	5.3	1		06/08/10 17:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		06/08/10 17:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		06/08/10 17:16	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	75-00-3	
Chloroform	ND	ug/kg	5.3	1		06/08/10 17:16	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		06/08/10 17:16	74-87-3	
Dibromochloromethane	ND	ug/kg	5.3	1		06/08/10 17:16	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		06/08/10 17:16	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.6	1		06/08/10 17:16	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		06/08/10 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		06/08/10 17:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		06/08/10 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		06/08/10 17:16	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	100-41-4	
2-Hexanone	ND	ug/kg	10.6	1		06/08/10 17:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		06/08/10 17:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		06/08/10 17:16	99-87-6	
Methylene Chloride	ND	ug/kg	5.3	1		06/08/10 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.6	1		06/08/10 17:16	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P12B **Lab ID: 3028453001** Collected: 05/26/10 13:07 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		06/08/10 17:16	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1		06/08/10 17:16	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	103-65-1	
Styrene	ND	ug/kg	5.3	1		06/08/10 17:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		06/08/10 17:16	127-18-4	
Toluene	ND	ug/kg	5.3	1		06/08/10 17:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		06/08/10 17:16	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		06/08/10 17:16	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		06/08/10 17:16	108-67-8	
Vinyl chloride	ND	ug/kg	5.3	1		06/08/10 17:16	75-01-4	
Xylene (Total)	ND	ug/kg	15.9	1		06/08/10 17:16	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	1		06/08/10 17:16	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1		06/08/10 17:16	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/08/10 17:16	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/08/10 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/08/10 17:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		06/10/10 13:50		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.0	1		06/09/10 16:49	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P12B(ASTM) **Lab ID: 3028453002** Collected: 05/26/10 13:07 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:20	16887-00-6	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13A **Lab ID: 3028453003** Collected: 05/26/10 13:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15300**	mg/kg	9.2	1	06/03/10 12:01	06/07/10 11:53	7429-90-5	
Antimony	**0.64**	mg/kg	0.46	1	06/03/10 12:01	06/07/10 11:53	7440-36-0	
Arsenic	**13.6**	mg/kg	0.46	1	06/03/10 12:01	06/07/10 11:53	7440-38-2	
Barium	**117**	mg/kg	1.8	1	06/03/10 12:01	06/07/10 11:53	7440-39-3	
Beryllium	**0.73**	mg/kg	0.18	1	06/03/10 12:01	06/07/10 11:53	7440-41-7	
Boron	**6.6**	mg/kg	4.6	1	06/03/10 12:01	06/07/10 11:53	7440-42-8	
Cadmium	**0.37**	mg/kg	0.18	1	06/03/10 12:01	06/07/10 11:53	7440-43-9	
Calcium	**917**	mg/kg	185	1	06/03/10 12:01	06/07/10 11:53	7440-70-2	
Chromium	**16.2**	mg/kg	0.46	1	06/03/10 12:01	06/07/10 11:53	7440-47-3	
Cobalt	**11.2**	mg/kg	0.92	1	06/03/10 12:01	06/07/10 11:53	7440-48-4	
Copper	**15.4**	mg/kg	0.92	1	06/03/10 12:01	06/07/10 11:53	7440-50-8	
Iron	**25600**	mg/kg	9.2	1	06/03/10 12:01	06/07/10 11:53	7439-89-6	
Lead	**18.9**	mg/kg	0.46	1	06/03/10 12:01	06/07/10 11:53	7439-92-1	
Magnesium	**4020**	mg/kg	46.2	1	06/03/10 12:01	06/07/10 11:53	7439-95-4	
Manganese	**820**	mg/kg	0.92	1	06/03/10 12:01	06/07/10 11:53	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	06/03/10 12:01	06/07/10 11:53	7439-98-7	
Nickel	**21.8**	mg/kg	1.8	1	06/03/10 12:01	06/07/10 11:53	7440-02-0	
Potassium	**1500**	mg/kg	46.2	1	06/03/10 12:01	06/07/10 11:53	7440-09-7	
Selenium	ND	mg/kg	0.46	1	06/03/10 12:01	06/07/10 11:53	7782-49-2	
Silver	**0.64**	mg/kg	0.18	1	06/03/10 12:01	06/07/10 11:53	7440-22-4	
Sodium	ND	mg/kg	462	1	06/03/10 12:01	06/07/10 11:53	7440-23-5	
Thallium	ND	mg/kg	1.8	1	06/03/10 12:01	06/07/10 11:53	7440-28-0	
Vanadium	**18.2**	mg/kg	0.92	1	06/03/10 12:01	06/07/10 11:53	7440-62-2	
Zinc	**67.0**	mg/kg	0.92	1	06/03/10 12:01	06/07/10 11:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:37	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	83-32-9	
Acenaphthylene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	208-96-8	
Anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	56-55-3	
Benzo(a)pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	207-08-9	
Benzyl alcohol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	59-50-7	
4-Chloroaniline	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	108-60-1	

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CABOT-EPA 005132

DIM0223739 DIM0224525

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13A **Lab ID: 3028453003** Collected: 05/26/10 13:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	91-58-7	
2-Chlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	7005-72-3	
Chrysene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	53-70-3	
Dibenzofuran	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	120-83-2	
Diethylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	105-67-9	
Dimethylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	117-81-7	
Fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	206-44-0	
Fluorene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	87-68-3	
Hexachlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	77-47-4	
Hexachloroethane	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	193-39-5	
Isophorone	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	78-59-1	
2-Methylnaphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	728	1	06/09/10 15:05	06/10/10 18:50		
Naphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	91-20-3	
2-Nitroaniline	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	88-74-4	
3-Nitroaniline	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	99-09-2	
4-Nitroaniline	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	100-01-6	
Nitrobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	98-95-3	
2-Nitrophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	88-75-5	
4-Nitrophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	86-30-6	
Pentachlorophenol	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	87-86-5	
Phenanthrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	85-01-8	
Phenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	108-95-2	
Pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	129-00-0	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13A **Lab ID: 3028453003** Collected: 05/26/10 13:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	911	1	06/09/10 15:05	06/10/10 18:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 18:50	88-06-2	
Nitrobenzene-d5 (S)	85	%	35-114	1	06/09/10 15:05	06/10/10 18:50	4165-60-0	
2-Fluorobiphenyl (S)	77	%	43-116	1	06/09/10 15:05	06/10/10 18:50	321-60-8	
Terphenyl-d14 (S)	94	%	33-141	1	06/09/10 15:05	06/10/10 18:50	1718-51-0	
Phenol-d6 (S)	68	%	10-110	1	06/09/10 15:05	06/10/10 18:50	13127-88-3	
2-Fluorophenol (S)	70	%	21-110	1	06/09/10 15:05	06/10/10 18:50	367-12-4	
2,4,6-Tribromophenol (S)	46	%	10-123	1	06/09/10 15:05	06/10/10 18:50	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**36.3**	ug/kg	11.2	1		06/08/10 17:41	67-64-1	
Benzene	ND	ug/kg	5.6	1		06/08/10 17:41	71-43-2	
Bromodichloromethane	ND	ug/kg	5.6	1		06/08/10 17:41	75-27-4	
Bromoform	ND	ug/kg	5.6	1		06/08/10 17:41	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		06/08/10 17:41	74-83-9	
TOTAL BTEX	ND	ug/kg	33.5	1		06/08/10 17:41		
2-Butanone (MEK)	ND	ug/kg	11.2	1		06/08/10 17:41	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	135-98-8	
Carbon disulfide	ND	ug/kg	5.6	1		06/08/10 17:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		06/08/10 17:41	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		06/08/10 17:41	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	75-00-3	
Chloroform	ND	ug/kg	5.6	1		06/08/10 17:41	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		06/08/10 17:41	74-87-3	
Dibromochloromethane	ND	ug/kg	5.6	1		06/08/10 17:41	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		06/08/10 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		06/08/10 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		06/08/10 17:41	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.2	1		06/08/10 17:41	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.6	1		06/08/10 17:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		06/08/10 17:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		06/08/10 17:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		06/08/10 17:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		06/08/10 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		06/08/10 17:41	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	100-41-4	
2-Hexanone	ND	ug/kg	11.2	1		06/08/10 17:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		06/08/10 17:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		06/08/10 17:41	99-87-6	
Methylene Chloride	ND	ug/kg	5.6	1		06/08/10 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.2	1		06/08/10 17:41	108-10-1	

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CABOT-EPA 005134

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13A **Lab ID: 3028453003** Collected: 05/26/10 13:15 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		06/08/10 17:41	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1		06/08/10 17:41	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	103-65-1	
Styrene	ND	ug/kg	5.6	1		06/08/10 17:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		06/08/10 17:41	127-18-4	
Toluene	ND	ug/kg	5.6	1		06/08/10 17:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		06/08/10 17:41	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		06/08/10 17:41	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		06/08/10 17:41	108-67-8	
Vinyl chloride	ND	ug/kg	5.6	1		06/08/10 17:41	75-01-4	
Xylene (Total)	ND	ug/kg	16.7	1		06/08/10 17:41	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	1		06/08/10 17:41	179601-23-1	
o-Xylene	ND	ug/kg	5.6	1		06/08/10 17:41	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 17:41	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/08/10 17:41	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/08/10 17:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.2**	%	0.10	1		06/10/10 13:51		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**18.6**	mg/kg	4.9	1		06/09/10 16:50	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13A(ASTM) **Lab ID: 3028453004** Collected: 05/26/10 13:15 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:23	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13B **Lab ID: 3028453005** Collected: 05/26/10 13:16 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12000**	mg/kg	6.5	1	06/03/10 12:01	06/07/10 11:56	7429-90-5	
Antimony	ND	mg/kg	0.33	1	06/03/10 12:01	06/07/10 11:56	7440-36-0	
Arsenic	**16.8**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 11:56	7440-38-2	
Barium	**133**	mg/kg	1.3	1	06/03/10 12:01	06/07/10 11:56	7440-39-3	
Beryllium	**0.61**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 11:56	7440-41-7	
Boron	**5.5**	mg/kg	3.3	1	06/03/10 12:01	06/07/10 11:56	7440-42-8	
Cadmium	**0.42**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 11:56	7440-43-9	
Calcium	**1690**	mg/kg	130	1	06/03/10 12:01	06/07/10 11:56	7440-70-2	
Chromium	**12.9**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 11:56	7440-47-3	
Cobalt	**11.3**	mg/kg	0.65	1	06/03/10 12:01	06/07/10 11:56	7440-48-4	
Copper	**15.5**	mg/kg	0.65	1	06/03/10 12:01	06/07/10 11:56	7440-50-8	
Iron	**23700**	mg/kg	6.5	1	06/03/10 12:01	06/07/10 11:56	7439-89-6	
Lead	**21.6**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 11:56	7439-92-1	
Magnesium	**3850**	mg/kg	32.5	1	06/03/10 12:01	06/07/10 11:56	7439-95-4	
Manganese	**810**	mg/kg	0.65	1	06/03/10 12:01	06/07/10 11:56	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	06/03/10 12:01	06/07/10 11:56	7439-98-7	
Nickel	**21.0**	mg/kg	1.3	1	06/03/10 12:01	06/07/10 11:56	7440-02-0	
Potassium	**1380**	mg/kg	32.5	1	06/03/10 12:01	06/07/10 11:56	7440-09-7	
Selenium	ND	mg/kg	0.33	1	06/03/10 12:01	06/07/10 11:56	7782-49-2	
Silver	**0.46**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 11:56	7440-22-4	
Sodium	ND	mg/kg	325	1	06/03/10 12:01	06/07/10 11:56	7440-23-5	
Thallium	ND	mg/kg	1.3	1	06/03/10 12:01	06/07/10 11:56	7440-28-0	
Vanadium	**13.3**	mg/kg	0.65	1	06/03/10 12:01	06/07/10 11:56	7440-62-2	
Zinc	**72.2**	mg/kg	0.65	1	06/03/10 12:01	06/07/10 11:56	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:39	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	83-32-9	
Acenaphthylene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	208-96-8	
Anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	120-12-7	
Benzo(a)anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	56-55-3	
Benzo(a)pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	207-08-9	
Benzyl alcohol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	101-55-3	
Butylbenzylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	59-50-7	
4-Chloroaniline	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13B **Lab ID: 3028453005** Collected: 05/26/10 13:16 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	91-58-7	
2-Chlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	7005-72-3	
Chrysene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	53-70-3	
Dibenzofuran	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	120-83-2	
Diethylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	105-67-9	
Dimethylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	131-11-3	
Di-n-butylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	606-20-2	
Di-n-octylphthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	117-81-7	
Fluoranthene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	206-44-0	
Fluorene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	87-68-3	
Hexachlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	77-47-4	
Hexachloroethane	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	193-39-5	
Isophorone	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	78-59-1	
2-Methylnaphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	727	1	06/09/10 15:05	06/10/10 19:12		
Naphthalene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	91-20-3	
2-Nitroaniline	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	88-74-4	
3-Nitroaniline	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	99-09-2	
4-Nitroaniline	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	100-01-6	
Nitrobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	98-95-3	
2-Nitrophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	88-75-5	
4-Nitrophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	86-30-6	
Pentachlorophenol	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	87-86-5	
Phenanthrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	85-01-8	
Phenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	108-95-2	
Pyrene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	129-00-0	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13B **Lab ID: 3028453005** Collected: 05/26/10 13:16 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	910	1	06/09/10 15:05	06/10/10 19:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	364	1	06/09/10 15:05	06/10/10 19:12	88-06-2	
Nitrobenzene-d5 (S)	98	%	35-114	1	06/09/10 15:05	06/10/10 19:12	4165-60-0	
2-Fluorobiphenyl (S)	92	%	43-116	1	06/09/10 15:05	06/10/10 19:12	321-60-8	
Terphenyl-d14 (S)	112	%	33-141	1	06/09/10 15:05	06/10/10 19:12	1718-51-0	
Phenol-d6 (S)	69	%	10-110	1	06/09/10 15:05	06/10/10 19:12	13127-88-3	
2-Fluorophenol (S)	79	%	21-110	1	06/09/10 15:05	06/10/10 19:12	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/09/10 15:05	06/10/10 19:12	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**33.6**	ug/kg	18.0	1		06/08/10 18:05	67-64-1	
Benzene	ND	ug/kg	9.0	1		06/08/10 18:05	71-43-2	
Bromodichloromethane	ND	ug/kg	9.0	1		06/08/10 18:05	75-27-4	
Bromoform	ND	ug/kg	9.0	1		06/08/10 18:05	75-25-2	
Bromomethane	ND	ug/kg	9.0	1		06/08/10 18:05	74-83-9	
TOTAL BTEX	ND	ug/kg	54.1	1		06/08/10 18:05		
2-Butanone (MEK)	ND	ug/kg	18.0	1		06/08/10 18:05	78-93-3	
n-Butylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	135-98-8	
Carbon disulfide	ND	ug/kg	9.0	1		06/08/10 18:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	9.0	1		06/08/10 18:05	56-23-5	
Chlorobenzene	ND	ug/kg	9.0	1		06/08/10 18:05	108-90-7	
Chloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	75-00-3	
Chloroform	ND	ug/kg	9.0	1		06/08/10 18:05	67-66-3	
Chloromethane	ND	ug/kg	9.0	1		06/08/10 18:05	74-87-3	
Dibromochloromethane	ND	ug/kg	9.0	1		06/08/10 18:05	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	9.0	1		06/08/10 18:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.0	1		06/08/10 18:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.0	1		06/08/10 18:05	106-46-7	
1,1-Dichloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	18.0	1		06/08/10 18:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	9.0	1		06/08/10 18:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.0	1		06/08/10 18:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.0	1		06/08/10 18:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.0	1		06/08/10 18:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	9.0	1		06/08/10 18:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.0	1		06/08/10 18:05	10061-02-6	
Ethylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	100-41-4	
2-Hexanone	ND	ug/kg	18.0	1		06/08/10 18:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.0	1		06/08/10 18:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.0	1		06/08/10 18:05	99-87-6	
Methylene Chloride	ND	ug/kg	9.0	1		06/08/10 18:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.0	1		06/08/10 18:05	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13B **Lab ID: 3028453005** Collected: 05/26/10 13:16 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	9.0	1		06/08/10 18:05	1634-04-4	
Naphthalene	ND	ug/kg	9.0	1		06/08/10 18:05	91-20-3	
n-Propylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	103-65-1	
Styrene	ND	ug/kg	9.0	1		06/08/10 18:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	79-34-5	
Tetrachloroethene	ND	ug/kg	9.0	1		06/08/10 18:05	127-18-4	
Toluene	ND	ug/kg	9.0	1		06/08/10 18:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.0	1		06/08/10 18:05	79-00-5	
Trichloroethene	ND	ug/kg	9.0	1		06/08/10 18:05	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.0	1		06/08/10 18:05	108-67-8	
Vinyl chloride	ND	ug/kg	9.0	1		06/08/10 18:05	75-01-4	
Xylene (Total)	ND	ug/kg	27.1	1		06/08/10 18:05	1330-20-7	
m&p-Xylene	ND	ug/kg	18.0	1		06/08/10 18:05	179601-23-1	
o-Xylene	ND	ug/kg	9.0	1		06/08/10 18:05	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 18:05	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/08/10 18:05	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/08/10 18:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.6**	%	0.10	1		06/10/10 15:27		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.5	1		06/09/10 16:51	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P13B(ASTM) **Lab ID: 3028453006** Collected: 05/26/10 13:16 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:23	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14A **Lab ID: 3028453007** Collected: 05/26/10 13:32 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15700**	mg/kg	8.1	1	06/03/10 12:01	06/07/10 11:59	7429-90-5	
Antimony	ND	mg/kg	0.41	1	06/03/10 12:01	06/07/10 11:59	7440-36-0	
Arsenic	**20.8**	mg/kg	0.41	1	06/03/10 12:01	06/07/10 11:59	7440-38-2	
Barium	**157**	mg/kg	1.6	1	06/03/10 12:01	06/07/10 11:59	7440-39-3	
Beryllium	**0.89**	mg/kg	0.16	1	06/03/10 12:01	06/07/10 11:59	7440-41-7	
Boron	**7.8**	mg/kg	4.1	1	06/03/10 12:01	06/07/10 11:59	7440-42-8	
Cadmium	**0.39**	mg/kg	0.16	1	06/03/10 12:01	06/07/10 11:59	7440-43-9	
Calcium	**1420**	mg/kg	162	1	06/03/10 12:01	06/07/10 11:59	7440-70-2	
Chromium	**17.7**	mg/kg	0.41	1	06/03/10 12:01	06/07/10 11:59	7440-47-3	
Cobalt	**13.8**	mg/kg	0.81	1	06/03/10 12:01	06/07/10 11:59	7440-48-4	
Copper	**18.5**	mg/kg	0.81	1	06/03/10 12:01	06/07/10 11:59	7440-50-8	
Iron	**30200**	mg/kg	8.1	1	06/03/10 12:01	06/07/10 11:59	7439-89-6	
Lead	**27.3**	mg/kg	0.41	1	06/03/10 12:01	06/07/10 11:59	7439-92-1	
Magnesium	**4950**	mg/kg	40.5	1	06/03/10 12:01	06/07/10 11:59	7439-95-4	
Manganese	**902**	mg/kg	0.81	1	06/03/10 12:01	06/07/10 11:59	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	06/03/10 12:01	06/07/10 11:59	7439-98-7	
Nickel	**26.7**	mg/kg	1.6	1	06/03/10 12:01	06/07/10 11:59	7440-02-0	
Potassium	**1670**	mg/kg	40.5	1	06/03/10 12:01	06/07/10 11:59	7440-09-7	
Selenium	ND	mg/kg	0.41	1	06/03/10 12:01	06/07/10 11:59	7782-49-2	
Silver	**0.79**	mg/kg	0.16	1	06/03/10 12:01	06/07/10 11:59	7440-22-4	
Sodium	ND	mg/kg	405	1	06/03/10 12:01	06/07/10 11:59	7440-23-5	
Thallium	ND	mg/kg	1.6	1	06/03/10 12:01	06/07/10 11:59	7440-28-0	
Vanadium	**17.5**	mg/kg	0.81	1	06/03/10 12:01	06/07/10 11:59	7440-62-2	
Zinc	**74.1**	mg/kg	0.81	1	06/03/10 12:01	06/07/10 11:59	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:41	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	208-96-8	
Anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14A **Lab ID: 3028453007** Collected: 05/26/10 13:32 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	206-44-0	
Fluorene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	193-39-5	
Isophorone	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/09/10 15:05	06/10/10 19:34		
Naphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	100-01-6	
Nitrobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	85-01-8	
Phenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	108-95-2	
Pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14A **Lab ID: 3028453007** Collected: 05/26/10 13:32 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/09/10 15:05	06/10/10 19:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:34	88-06-2	
Nitrobenzene-d5 (S)	94	%	35-114	1	06/09/10 15:05	06/10/10 19:34	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/09/10 15:05	06/10/10 19:34	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/09/10 15:05	06/10/10 19:34	1718-51-0	
Phenol-d6 (S)	57	%	10-110	1	06/09/10 15:05	06/10/10 19:34	13127-88-3	
2-Fluorophenol (S)	67	%	21-110	1	06/09/10 15:05	06/10/10 19:34	367-12-4	
2,4,6-Tribromophenol (S)	58	%	10-123	1	06/09/10 15:05	06/10/10 19:34	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**38.5**	ug/kg	13.4	1		06/08/10 18:29	67-64-1	
Benzene	ND	ug/kg	6.7	1		06/08/10 18:29	71-43-2	
Bromodichloromethane	ND	ug/kg	6.7	1		06/08/10 18:29	75-27-4	
Bromoform	ND	ug/kg	6.7	1		06/08/10 18:29	75-25-2	
Bromomethane	ND	ug/kg	6.7	1		06/08/10 18:29	74-83-9	
TOTAL BTEX	ND	ug/kg	40.2	1		06/08/10 18:29		
2-Butanone (MEK)	ND	ug/kg	13.4	1		06/08/10 18:29	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	135-98-8	
Carbon disulfide	ND	ug/kg	6.7	1		06/08/10 18:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.7	1		06/08/10 18:29	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	1		06/08/10 18:29	108-90-7	
Chloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	75-00-3	
Chloroform	ND	ug/kg	6.7	1		06/08/10 18:29	67-66-3	
Chloromethane	ND	ug/kg	6.7	1		06/08/10 18:29	74-87-3	
Dibromochloromethane	ND	ug/kg	6.7	1		06/08/10 18:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	6.7	1		06/08/10 18:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.7	1		06/08/10 18:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	1		06/08/10 18:29	106-46-7	
1,1-Dichloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	13.4	1		06/08/10 18:29	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.7	1		06/08/10 18:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/08/10 18:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	1		06/08/10 18:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	1		06/08/10 18:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/08/10 18:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	1		06/08/10 18:29	10061-02-6	
Ethylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	100-41-4	
2-Hexanone	ND	ug/kg	13.4	1		06/08/10 18:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	1		06/08/10 18:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.7	1		06/08/10 18:29	99-87-6	
Methylene Chloride	ND	ug/kg	6.7	1		06/08/10 18:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.4	1		06/08/10 18:29	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14A **Lab ID: 3028453007** Collected: 05/26/10 13:32 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.7	1		06/08/10 18:29	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1		06/08/10 18:29	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	103-65-1	
Styrene	ND	ug/kg	6.7	1		06/08/10 18:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	1		06/08/10 18:29	127-18-4	
Toluene	ND	ug/kg	6.7	1		06/08/10 18:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	1		06/08/10 18:29	79-00-5	
Trichloroethene	ND	ug/kg	6.7	1		06/08/10 18:29	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	1		06/08/10 18:29	108-67-8	
Vinyl chloride	ND	ug/kg	6.7	1		06/08/10 18:29	75-01-4	
Xylene (Total)	ND	ug/kg	20.1	1		06/08/10 18:29	1330-20-7	
m&p-Xylene	ND	ug/kg	13.4	1		06/08/10 18:29	179601-23-1	
o-Xylene	ND	ug/kg	6.7	1		06/08/10 18:29	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 18:29	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/08/10 18:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/08/10 18:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.5**	%	0.10	1		06/10/10 15:29		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**6.9**	mg/kg	5.5	1		06/09/10 16:52	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14A(ASTM) **Lab ID: 3028453008** Collected: 05/26/10 13:32 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:24	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14B **Lab ID: 3028453009** Collected: 05/26/10 13:33 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13500**	mg/kg	10.5	1	06/03/10 12:01	06/07/10 12:02	7429-90-5	
Antimony	**0.62**	mg/kg	0.53	1	06/03/10 12:01	06/07/10 12:02	7440-36-0	
Arsenic	**16.9**	mg/kg	0.53	1	06/03/10 12:01	06/07/10 12:02	7440-38-2	
Barium	**134**	mg/kg	2.1	1	06/03/10 12:01	06/07/10 12:02	7440-39-3	
Beryllium	**0.73**	mg/kg	0.21	1	06/03/10 12:01	06/07/10 12:02	7440-41-7	
Boron	**7.5**	mg/kg	5.3	1	06/03/10 12:01	06/07/10 12:02	7440-42-8	
Cadmium	**0.57**	mg/kg	0.21	1	06/03/10 12:01	06/07/10 12:02	7440-43-9	
Calcium	**1650**	mg/kg	210	1	06/03/10 12:01	06/07/10 12:02	7440-70-2	
Chromium	**14.0**	mg/kg	0.53	1	06/03/10 12:01	06/07/10 12:02	7440-47-3	
Cobalt	**13.9**	mg/kg	1.1	1	06/03/10 12:01	06/07/10 12:02	7440-48-4	
Copper	**19.0**	mg/kg	1.1	1	06/03/10 12:01	06/07/10 12:02	7440-50-8	
Iron	**26200**	mg/kg	10.5	1	06/03/10 12:01	06/07/10 12:02	7439-89-6	
Lead	**25.3**	mg/kg	0.53	1	06/03/10 12:01	06/07/10 12:02	7439-92-1	
Magnesium	**4140**	mg/kg	52.6	1	06/03/10 12:01	06/07/10 12:02	7439-95-4	
Manganese	**1230**	mg/kg	1.1	1	06/03/10 12:01	06/07/10 12:02	7439-96-5	
Molybdenum	ND	mg/kg	2.1	1	06/03/10 12:01	06/07/10 12:02	7439-98-7	
Nickel	**24.7**	mg/kg	2.1	1	06/03/10 12:01	06/07/10 12:02	7440-02-0	
Potassium	**1810**	mg/kg	52.6	1	06/03/10 12:01	06/07/10 12:02	7440-09-7	
Selenium	ND	mg/kg	0.53	1	06/03/10 12:01	06/07/10 12:02	7782-49-2	
Silver	**0.75**	mg/kg	0.21	1	06/03/10 12:01	06/07/10 12:02	7440-22-4	
Sodium	ND	mg/kg	526	1	06/03/10 12:01	06/07/10 12:02	7440-23-5	
Thallium	ND	mg/kg	2.1	1	06/03/10 12:01	06/07/10 12:02	7440-28-0	
Vanadium	**15.1**	mg/kg	1.1	1	06/03/10 12:01	06/07/10 12:02	7440-62-2	
Zinc	**74.8**	mg/kg	1.1	1	06/03/10 12:01	06/07/10 12:02	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:42	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	208-96-8	
Anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14B **Lab ID: 3028453009** Collected: 05/26/10 13:33 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	7005-72-3	
Chrysene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	117-81-7	
Fluoranthene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	206-44-0	
Fluorene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	193-39-5	
Isophorone	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	78-59-1	
2-Methylnaphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	727	1	06/09/10 15:05	06/10/10 19:56		
Naphthalene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	91-20-3	
2-Nitroaniline	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	88-74-4	
3-Nitroaniline	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	99-09-2	
4-Nitroaniline	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	100-01-6	
Nitrobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	88-75-5	
4-Nitrophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	86-30-6	
Pentachlorophenol	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	85-01-8	
Phenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	108-95-2	
Pyrene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	129-00-0	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14B **Lab ID: 3028453009** Collected: 05/26/10 13:33 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	909	1	06/09/10 15:05	06/10/10 19:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/09/10 15:05	06/10/10 19:56	88-06-2	
Nitrobenzene-d5 (S)	56	%	35-114	1	06/09/10 15:05	06/10/10 19:56	4165-60-0	
2-Fluorobiphenyl (S)	56	%	43-116	1	06/09/10 15:05	06/10/10 19:56	321-60-8	
Terphenyl-d14 (S)	87	%	33-141	1	06/09/10 15:05	06/10/10 19:56	1718-51-0	
Phenol-d6 (S)	40	%	10-110	1	06/09/10 15:05	06/10/10 19:56	13127-88-3	
2-Fluorophenol (S)	46	%	21-110	1	06/09/10 15:05	06/10/10 19:56	367-12-4	
2,4,6-Tribromophenol (S)	37	%	10-123	1	06/09/10 15:05	06/10/10 19:56	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**11.5**	ug/kg	8.5	1		06/08/10 18:53	67-64-1	
Benzene	ND	ug/kg	4.2	1		06/08/10 18:53	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		06/08/10 18:53	75-27-4	
Bromoform	ND	ug/kg	4.2	1		06/08/10 18:53	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		06/08/10 18:53	74-83-9	
TOTAL BTEX	ND	ug/kg	25.4	1		06/08/10 18:53		
2-Butanone (MEK)	ND	ug/kg	8.5	1		06/08/10 18:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	135-98-8	
Carbon disulfide	ND	ug/kg	4.2	1		06/08/10 18:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		06/08/10 18:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		06/08/10 18:53	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	75-00-3	
Chloroform	ND	ug/kg	4.2	1		06/08/10 18:53	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		06/08/10 18:53	74-87-3	
Dibromochloromethane	ND	ug/kg	4.2	1		06/08/10 18:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 18:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 18:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		06/08/10 18:53	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	1		06/08/10 18:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 18:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 18:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		06/08/10 18:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		06/08/10 18:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/08/10 18:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		06/08/10 18:53	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	100-41-4	
2-Hexanone	ND	ug/kg	8.5	1		06/08/10 18:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/08/10 18:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		06/08/10 18:53	99-87-6	
Methylene Chloride	ND	ug/kg	4.2	1		06/08/10 18:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	1		06/08/10 18:53	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14B **Lab ID: 3028453009** Collected: 05/26/10 13:33 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/08/10 18:53	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/08/10 18:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	103-65-1	
Styrene	ND	ug/kg	4.2	1		06/08/10 18:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		06/08/10 18:53	127-18-4	
Toluene	ND	ug/kg	4.2	1		06/08/10 18:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		06/08/10 18:53	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		06/08/10 18:53	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/08/10 18:53	108-67-8	
Vinyl chloride	ND	ug/kg	4.2	1		06/08/10 18:53	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1		06/08/10 18:53	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		06/08/10 18:53	179601-23-1	
o-Xylene	ND	ug/kg	4.2	1		06/08/10 18:53	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 18:53	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/08/10 18:53	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/08/10 18:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.3**	%	0.10	1		06/10/10 15:31		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	4.8	1		06/09/10 16:52	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P14B(ASTM) **Lab ID: 3028453010** Collected: 05/26/10 13:33 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:25	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15A **Lab ID: 3028453011** Collected: 05/26/10 13:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15600**	mg/kg	6.6	1	06/03/10 12:01	06/07/10 12:53	7429-90-5	
Antimony	ND	mg/kg	0.33	1	06/03/10 12:01	06/07/10 12:53	7440-36-0	
Arsenic	**18.6**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 12:53	7440-38-2	
Barium	**183**	mg/kg	1.3	1	06/03/10 12:01	06/07/10 12:53	7440-39-3	
Beryllium	**0.90**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 12:53	7440-41-7	
Boron	**7.8**	mg/kg	3.3	1	06/03/10 12:01	06/07/10 12:53	7440-42-8	
Cadmium	**0.40**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 12:53	7440-43-9	
Calcium	**2060**	mg/kg	133	1	06/03/10 12:01	06/07/10 12:53	7440-70-2	
Chromium	**17.0**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 12:53	7440-47-3	
Cobalt	**13.2**	mg/kg	0.66	1	06/03/10 12:01	06/07/10 12:53	7440-48-4	
Copper	**20.3**	mg/kg	0.66	1	06/03/10 12:01	06/07/10 12:53	7440-50-8	
Iron	**30200**	mg/kg	6.6	1	06/03/10 12:01	06/07/10 12:53	7439-89-6	
Lead	**19.2**	mg/kg	0.33	1	06/03/10 12:01	06/07/10 12:53	7439-92-1	
Magnesium	**4910**	mg/kg	33.1	1	06/03/10 12:01	06/07/10 12:53	7439-95-4	
Manganese	**1090**	mg/kg	0.66	1	06/03/10 12:01	06/07/10 12:53	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	06/03/10 12:01	06/07/10 12:53	7439-98-7	
Nickel	**26.5**	mg/kg	1.3	1	06/03/10 12:01	06/07/10 12:53	7440-02-0	
Potassium	**1690**	mg/kg	33.1	1	06/03/10 12:01	06/07/10 12:53	7440-09-7	
Selenium	ND	mg/kg	0.33	1	06/03/10 12:01	06/07/10 12:53	7782-49-2	
Silver	**0.77**	mg/kg	0.13	1	06/03/10 12:01	06/07/10 12:53	7440-22-4	
Sodium	ND	mg/kg	331	1	06/03/10 12:01	06/07/10 12:53	7440-23-5	
Thallium	ND	mg/kg	1.3	1	06/03/10 12:01	06/07/10 12:53	7440-28-0	
Vanadium	**17.6**	mg/kg	0.66	1	06/03/10 12:01	06/07/10 12:53	7440-62-2	
Zinc	**73.7**	mg/kg	0.66	1	06/03/10 12:01	06/07/10 12:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/03/10 14:56	06/04/10 07:44	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	83-32-9	
Acenaphthylene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	208-96-8	
Anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	207-08-9	
Benzyl alcohol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	59-50-7	
4-Chloroaniline	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	108-60-1	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15A **Lab ID: 3028453011** Collected: 05/26/10 13:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	91-58-7	
2-Chlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	7005-72-3	
Chrysene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	53-70-3	
Dibenzofuran	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	120-83-2	
Diethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	105-67-9	
Dimethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	117-81-7	
Fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	206-44-0	
Fluorene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	77-47-4	
Hexachloroethane	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	193-39-5	
Isophorone	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	78-59-1	
2-Methylnaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	723	1	06/09/10 15:05	06/10/10 20:18		
Naphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	91-20-3	
2-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	88-74-4	
3-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	99-09-2	
4-Nitroaniline	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	100-01-6	
Nitrobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	98-95-3	
2-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	88-75-5	
4-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	86-30-6	
Pentachlorophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	87-86-5	
Phenanthrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	85-01-8	
Phenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	108-95-2	
Pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15A **Lab ID: 3028453011** Collected: 05/26/10 13:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	905	1	06/09/10 15:05	06/10/10 20:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/10/10 20:18	88-06-2	
Nitrobenzene-d5 (S)	74	%	35-114	1	06/09/10 15:05	06/10/10 20:18	4165-60-0	
2-Fluorobiphenyl (S)	64	%	43-116	1	06/09/10 15:05	06/10/10 20:18	321-60-8	
Terphenyl-d14 (S)	95	%	33-141	1	06/09/10 15:05	06/10/10 20:18	1718-51-0	
Phenol-d6 (S)	48	%	10-110	1	06/09/10 15:05	06/10/10 20:18	13127-88-3	
2-Fluorophenol (S)	49	%	21-110	1	06/09/10 15:05	06/10/10 20:18	367-12-4	
2,4,6-Tribromophenol (S)	41	%	10-123	1	06/09/10 15:05	06/10/10 20:18	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**45.5**	ug/kg	10.7	1		06/08/10 19:17	67-64-1	
Benzene	ND	ug/kg	5.4	1		06/08/10 19:17	71-43-2	
Bromodichloromethane	ND	ug/kg	5.4	1		06/08/10 19:17	75-27-4	
Bromoform	ND	ug/kg	5.4	1		06/08/10 19:17	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		06/08/10 19:17	74-83-9	
TOTAL BTEX	ND	ug/kg	32.2	1		06/08/10 19:17		
2-Butanone (MEK)	ND	ug/kg	10.7	1		06/08/10 19:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	135-98-8	
Carbon disulfide	ND	ug/kg	5.4	1		06/08/10 19:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		06/08/10 19:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		06/08/10 19:17	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	75-00-3	
Chloroform	ND	ug/kg	5.4	1		06/08/10 19:17	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		06/08/10 19:17	74-87-3	
Dibromochloromethane	ND	ug/kg	5.4	1		06/08/10 19:17	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 19:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 19:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		06/08/10 19:17	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.7	1		06/08/10 19:17	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		06/08/10 19:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		06/08/10 19:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 19:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		06/08/10 19:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	100-41-4	
2-Hexanone	ND	ug/kg	10.7	1		06/08/10 19:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		06/08/10 19:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		06/08/10 19:17	99-87-6	
Methylene Chloride	ND	ug/kg	5.4	1		06/08/10 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.7	1		06/08/10 19:17	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15A **Lab ID: 3028453011** Collected: 05/26/10 13:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		06/08/10 19:17	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		06/08/10 19:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	103-65-1	
Styrene	ND	ug/kg	5.4	1		06/08/10 19:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		06/08/10 19:17	127-18-4	
Toluene	ND	ug/kg	5.4	1		06/08/10 19:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		06/08/10 19:17	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		06/08/10 19:17	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		06/08/10 19:17	108-67-8	
Vinyl chloride	ND	ug/kg	5.4	1		06/08/10 19:17	75-01-4	
Xylene (Total)	ND	ug/kg	16.1	1		06/08/10 19:17	1330-20-7	
m&p-Xylene	ND	ug/kg	10.7	1		06/08/10 19:17	179601-23-1	
o-Xylene	ND	ug/kg	5.4	1		06/08/10 19:17	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 19:17	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/08/10 19:17	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/08/10 19:17	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.1**	%	0.10	1		06/10/10 15:32		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.5	1		06/09/10 16:56	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15A(ASTM) **Lab ID: 3028453012** Collected: 05/26/10 13:45 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:26	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15B **Lab ID: 3028453013** Collected: 05/26/10 13:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**14500**	mg/kg	5.8	1	06/03/10 12:01	06/07/10 12:08	7429-90-5	
Antimony	ND	mg/kg	0.29	1	06/03/10 12:01	06/07/10 12:08	7440-36-0	
Arsenic	**18.5**	mg/kg	0.29	1	06/03/10 12:01	06/07/10 12:08	7440-38-2	
Barium	**145**	mg/kg	1.2	1	06/03/10 12:01	06/07/10 12:08	7440-39-3	
Beryllium	**0.83**	mg/kg	0.12	1	06/03/10 12:01	06/07/10 12:08	7440-41-7	
Boron	**7.3**	mg/kg	2.9	1	06/03/10 12:01	06/07/10 12:08	7440-42-8	
Cadmium	**0.56**	mg/kg	0.12	1	06/03/10 12:01	06/07/10 12:08	7440-43-9	
Calcium	**1940**	mg/kg	116	1	06/03/10 12:01	06/07/10 12:08	7440-70-2	
Chromium	**15.4**	mg/kg	0.29	1	06/03/10 12:01	06/07/10 12:08	7440-47-3	
Cobalt	**13.5**	mg/kg	0.58	1	06/03/10 12:01	06/07/10 12:08	7440-48-4	
Copper	**19.0**	mg/kg	0.58	1	06/03/10 12:01	06/07/10 12:08	7440-50-8	
Iron	**28100**	mg/kg	5.8	1	06/03/10 12:01	06/07/10 12:08	7439-89-6	
Lead	**18.9**	mg/kg	0.29	1	06/03/10 12:01	06/07/10 12:08	7439-92-1	
Magnesium	**4460**	mg/kg	28.9	1	06/03/10 12:01	06/07/10 12:08	7439-95-4	
Manganese	**1220**	mg/kg	0.58	1	06/03/10 12:01	06/07/10 12:08	7439-96-5	
Molybdenum	ND	mg/kg	1.2	1	06/03/10 12:01	06/07/10 12:08	7439-98-7	
Nickel	**26.3**	mg/kg	1.2	1	06/03/10 12:01	06/07/10 12:08	7440-02-0	
Potassium	**1680**	mg/kg	28.9	1	06/03/10 12:01	06/07/10 12:08	7440-09-7	
Selenium	ND	mg/kg	0.29	1	06/03/10 12:01	06/07/10 12:08	7782-49-2	
Silver	**0.75**	mg/kg	0.12	1	06/03/10 12:01	06/07/10 12:08	7440-22-4	
Sodium	ND	mg/kg	289	1	06/03/10 12:01	06/07/10 12:08	7440-23-5	
Thallium	ND	mg/kg	1.2	1	06/03/10 12:01	06/07/10 12:08	7440-28-0	
Vanadium	**16.4**	mg/kg	0.58	1	06/03/10 12:01	06/07/10 12:08	7440-62-2	
Zinc	**70.2**	mg/kg	0.58	1	06/03/10 12:01	06/07/10 12:08	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:49	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	83-32-9	
Acenaphthylene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	208-96-8	
Anthracene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	120-12-7	
Benzo(a)anthracene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	207-08-9	
Benzyl alcohol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	101-55-3	
Butylbenzylphthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	59-50-7	
4-Chloroaniline	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15B **Lab ID: 3028453013** Collected: 05/26/10 13:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	91-58-7	
2-Chlorophenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	7005-72-3	
Chrysene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	53-70-3	
Dibenzofuran	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	120-83-2	
Diethylphthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	105-67-9	
Dimethylphthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	117-81-7	
Fluoranthene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	206-44-0	
Fluorene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	77-47-4	
Hexachloroethane	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	193-39-5	
Isophorone	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	78-59-1	
2-Methylnaphthalene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	740	1	06/09/10 15:05	06/10/10 20:40		
Naphthalene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	91-20-3	
2-Nitroaniline	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	88-74-4	
3-Nitroaniline	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	99-09-2	
4-Nitroaniline	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	100-01-6	
Nitrobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	98-95-3	
2-Nitrophenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	88-75-5	
4-Nitrophenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	86-30-6	
Pentachlorophenol	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	87-86-5	
Phenanthrene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	85-01-8	
Phenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	108-95-2	
Pyrene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15B **Lab ID: 3028453013** Collected: 05/26/10 13:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	926	1	06/09/10 15:05	06/10/10 20:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	1	06/09/10 15:05	06/10/10 20:40	88-06-2	
Nitrobenzene-d5 (S)	67	%	35-114	1	06/09/10 15:05	06/10/10 20:40	4165-60-0	
2-Fluorobiphenyl (S)	63	%	43-116	1	06/09/10 15:05	06/10/10 20:40	321-60-8	
Terphenyl-d14 (S)	111	%	33-141	1	06/09/10 15:05	06/10/10 20:40	1718-51-0	
Phenol-d6 (S)	47	%	10-110	1	06/09/10 15:05	06/10/10 20:40	13127-88-3	
2-Fluorophenol (S)	54	%	21-110	1	06/09/10 15:05	06/10/10 20:40	367-12-4	
2,4,6-Tribromophenol (S)	42	%	10-123	1	06/09/10 15:05	06/10/10 20:40	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**18.8**	ug/kg	7.8	1		06/08/10 19:41	67-64-1	
Benzene	ND	ug/kg	3.9	1		06/08/10 19:41	71-43-2	
Bromodichloromethane	ND	ug/kg	3.9	1		06/08/10 19:41	75-27-4	
Bromoform	ND	ug/kg	3.9	1		06/08/10 19:41	75-25-2	
Bromomethane	ND	ug/kg	3.9	1		06/08/10 19:41	74-83-9	
TOTAL BTEX	ND	ug/kg	23.5	1		06/08/10 19:41		
2-Butanone (MEK)	ND	ug/kg	7.8	1		06/08/10 19:41	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	135-98-8	
Carbon disulfide	ND	ug/kg	3.9	1		06/08/10 19:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1		06/08/10 19:41	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1		06/08/10 19:41	108-90-7	
Chloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	75-00-3	
Chloroform	ND	ug/kg	3.9	1		06/08/10 19:41	67-66-3	
Chloromethane	ND	ug/kg	3.9	1		06/08/10 19:41	74-87-3	
Dibromochloromethane	ND	ug/kg	3.9	1		06/08/10 19:41	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1		06/08/10 19:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1		06/08/10 19:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1		06/08/10 19:41	106-46-7	
1,1-Dichloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	7.8	1		06/08/10 19:41	540-59-0	
1,1-Dichloroethene	ND	ug/kg	3.9	1		06/08/10 19:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1		06/08/10 19:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1		06/08/10 19:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1		06/08/10 19:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1		06/08/10 19:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1		06/08/10 19:41	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	100-41-4	
2-Hexanone	ND	ug/kg	7.8	1		06/08/10 19:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		06/08/10 19:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1		06/08/10 19:41	99-87-6	
Methylene Chloride	ND	ug/kg	3.9	1		06/08/10 19:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	7.8	1		06/08/10 19:41	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15B **Lab ID: 3028453013** Collected: 05/26/10 13:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		06/08/10 19:41	1634-04-4	
Naphthalene	ND	ug/kg	3.9	1		06/08/10 19:41	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	103-65-1	
Styrene	ND	ug/kg	3.9	1		06/08/10 19:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		06/08/10 19:41	127-18-4	
Toluene	ND	ug/kg	3.9	1		06/08/10 19:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		06/08/10 19:41	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1		06/08/10 19:41	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1		06/08/10 19:41	108-67-8	
Vinyl chloride	ND	ug/kg	3.9	1		06/08/10 19:41	75-01-4	
Xylene (Total)	ND	ug/kg	11.8	1		06/08/10 19:41	1330-20-7	
m&p-Xylene	ND	ug/kg	7.8	1		06/08/10 19:41	179601-23-1	
o-Xylene	ND	ug/kg	3.9	1		06/08/10 19:41	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/08/10 19:41	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/08/10 19:41	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/08/10 19:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.9**	%	0.10	1		06/10/10 15:33		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.6	1		06/09/10 16:57	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P15B(ASTM) **Lab ID: 3028453014** Collected: 05/26/10 13:47 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:26	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16A **Lab ID: 3028453015** Collected: 05/26/10 13:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**15000**	mg/kg	7.4	1	06/03/10 12:01	06/07/10 12:11	7429-90-5	
Antimony	ND	mg/kg	0.37	1	06/03/10 12:01	06/07/10 12:11	7440-36-0	
Arsenic	**17.5**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 12:11	7440-38-2	
Barium	**170**	mg/kg	1.5	1	06/03/10 12:01	06/07/10 12:11	7440-39-3	
Beryllium	**0.79**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 12:11	7440-41-7	
Boron	**7.1**	mg/kg	3.7	1	06/03/10 12:01	06/07/10 12:11	7440-42-8	
Cadmium	**0.58**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 12:11	7440-43-9	
Calcium	**1290**	mg/kg	148	1	06/03/10 12:01	06/07/10 12:11	7440-70-2	
Chromium	**16.9**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 12:11	7440-47-3	
Cobalt	**13.1**	mg/kg	0.74	1	06/03/10 12:01	06/07/10 12:11	7440-48-4	
Copper	**18.2**	mg/kg	0.74	1	06/03/10 12:01	06/07/10 12:11	7440-50-8	
Iron	**28700**	mg/kg	7.4	1	06/03/10 12:01	06/07/10 12:11	7439-89-6	
Lead	**26.7**	mg/kg	0.37	1	06/03/10 12:01	06/07/10 12:11	7439-92-1	
Magnesium	**4620**	mg/kg	37.1	1	06/03/10 12:01	06/07/10 12:11	7439-95-4	
Manganese	**909**	mg/kg	0.74	1	06/03/10 12:01	06/07/10 12:11	7439-96-5	
Molybdenum	ND	mg/kg	1.5	1	06/03/10 12:01	06/07/10 12:11	7439-98-7	
Nickel	**26.2**	mg/kg	1.5	1	06/03/10 12:01	06/07/10 12:11	7440-02-0	
Potassium	**1510**	mg/kg	37.1	1	06/03/10 12:01	06/07/10 12:11	7440-09-7	
Selenium	ND	mg/kg	0.37	1	06/03/10 12:01	06/07/10 12:11	7782-49-2	
Silver	**0.88**	mg/kg	0.15	1	06/03/10 12:01	06/07/10 12:11	7440-22-4	
Sodium	ND	mg/kg	371	1	06/03/10 12:01	06/07/10 12:11	7440-23-5	
Thallium	ND	mg/kg	1.5	1	06/03/10 12:01	06/07/10 12:11	7440-28-0	
Vanadium	**16.7**	mg/kg	0.74	1	06/03/10 12:01	06/07/10 12:11	7440-62-2	
Zinc	**73.1**	mg/kg	0.74	1	06/03/10 12:01	06/07/10 12:11	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:50	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	83-32-9	
Acenaphthylene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	208-96-8	
Anthracene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	120-12-7	
Benzo(a)anthracene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	56-55-3	
Benzo(a)pyrene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	207-08-9	
Benzyl alcohol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	59-50-7	
4-Chloroaniline	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16A **Lab ID: 3028453015** Collected: 05/26/10 13:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	91-58-7	
2-Chlorophenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	7005-72-3	
Chrysene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	53-70-3	
Dibenzofuran	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	120-83-2	
Diethylphthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	105-67-9	
Dimethylphthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	117-81-7	
Fluoranthene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	206-44-0	
Fluorene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	87-68-3	
Hexachlorobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	77-47-4	
Hexachloroethane	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	193-39-5	
Isophorone	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	78-59-1	
2-Methylnaphthalene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	720	1	06/09/10 15:05	06/10/10 21:02		
Naphthalene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	91-20-3	
2-Nitroaniline	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	88-74-4	
3-Nitroaniline	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	99-09-2	
4-Nitroaniline	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	100-01-6	
Nitrobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	98-95-3	
2-Nitrophenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	88-75-5	
4-Nitrophenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	86-30-6	
Pentachlorophenol	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	87-86-5	
Phenanthrene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	85-01-8	
Phenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	108-95-2	
Pyrene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	129-00-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16A **Lab ID: 3028453015** Collected: 05/26/10 13:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	900	1	06/09/10 15:05	06/10/10 21:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	360	1	06/09/10 15:05	06/10/10 21:02	88-06-2	
Nitrobenzene-d5 (S)	58	%	35-114	1	06/09/10 15:05	06/10/10 21:02	4165-60-0	
2-Fluorobiphenyl (S)	55	%	43-116	1	06/09/10 15:05	06/10/10 21:02	321-60-8	
Terphenyl-d14 (S)	99	%	33-141	1	06/09/10 15:05	06/10/10 21:02	1718-51-0	
Phenol-d6 (S)	41	%	10-110	1	06/09/10 15:05	06/10/10 21:02	13127-88-3	
2-Fluorophenol (S)	45	%	21-110	1	06/09/10 15:05	06/10/10 21:02	367-12-4	
2,4,6-Tribromophenol (S)	38	%	10-123	1	06/09/10 15:05	06/10/10 21:02	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**45.4**	ug/kg	10.0	1		06/08/10 20:05	67-64-1	
Benzene	ND	ug/kg	5.0	1		06/08/10 20:05	71-43-2	
Bromodichloromethane	ND	ug/kg	5.0	1		06/08/10 20:05	75-27-4	
Bromoform	ND	ug/kg	5.0	1		06/08/10 20:05	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		06/08/10 20:05	74-83-9	
TOTAL BTEX	ND	ug/kg	30.1	1		06/08/10 20:05		
2-Butanone (MEK)	ND	ug/kg	10.0	1		06/08/10 20:05	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	135-98-8	
Carbon disulfide	ND	ug/kg	5.0	1		06/08/10 20:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		06/08/10 20:05	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		06/08/10 20:05	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	75-00-3	
Chloroform	ND	ug/kg	5.0	1		06/08/10 20:05	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		06/08/10 20:05	74-87-3	
Dibromochloromethane	ND	ug/kg	5.0	1		06/08/10 20:05	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		06/08/10 20:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		06/08/10 20:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		06/08/10 20:05	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.0	1		06/08/10 20:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.0	1		06/08/10 20:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/08/10 20:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		06/08/10 20:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		06/08/10 20:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/08/10 20:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		06/08/10 20:05	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	100-41-4	
2-Hexanone	ND	ug/kg	10.0	1		06/08/10 20:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/08/10 20:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		06/08/10 20:05	99-87-6	
Methylene Chloride	ND	ug/kg	5.0	1		06/08/10 20:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.0	1		06/08/10 20:05	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16A **Lab ID: 3028453015** Collected: 05/26/10 13:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/08/10 20:05	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/08/10 20:05	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	103-65-1	
Styrene	ND	ug/kg	5.0	1		06/08/10 20:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		06/08/10 20:05	127-18-4	
Toluene	ND	ug/kg	5.0	1		06/08/10 20:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		06/08/10 20:05	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		06/08/10 20:05	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/08/10 20:05	108-67-8	
Vinyl chloride	ND	ug/kg	5.0	1		06/08/10 20:05	75-01-4	
Xylene (Total)	ND	ug/kg	15.0	1		06/08/10 20:05	1330-20-7	
m&p-Xylene	ND	ug/kg	10.0	1		06/08/10 20:05	179601-23-1	
o-Xylene	ND	ug/kg	5.0	1		06/08/10 20:05	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/08/10 20:05	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/08/10 20:05	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/08/10 20:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.1**	%	0.10	1		06/10/10 15:34		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.4**	mg/kg	5.2	1		06/09/10 16:57	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16A(ASTM) **Lab ID: 3028453016** Collected: 05/26/10 13:55 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/02/10 13:13		3c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:27	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16B **Lab ID: 3028453017** Collected: 05/26/10 13:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12800**	mg/kg	8.4	1	06/03/10 12:01	06/07/10 12:14	7429-90-5	
Antimony	ND	mg/kg	0.42	1	06/03/10 12:01	06/07/10 12:14	7440-36-0	
Arsenic	**13.6**	mg/kg	0.42	1	06/03/10 12:01	06/07/10 12:14	7440-38-2	
Barium	**145**	mg/kg	1.7	1	06/03/10 12:01	06/07/10 12:14	7440-39-3	
Beryllium	**0.67**	mg/kg	0.17	1	06/03/10 12:01	06/07/10 12:14	7440-41-7	
Boron	**6.9**	mg/kg	4.2	1	06/03/10 12:01	06/07/10 12:14	7440-42-8	
Cadmium	**0.46**	mg/kg	0.17	1	06/03/10 12:01	06/07/10 12:14	7440-43-9	
Calcium	**1660**	mg/kg	169	1	06/03/10 12:01	06/07/10 12:14	7440-70-2	
Chromium	**14.0**	mg/kg	0.42	1	06/03/10 12:01	06/07/10 12:14	7440-47-3	
Cobalt	**11.5**	mg/kg	0.84	1	06/03/10 12:01	06/07/10 12:14	7440-48-4	
Copper	**28.0**	mg/kg	0.84	1	06/03/10 12:01	06/07/10 12:14	7440-50-8	
Iron	**25000**	mg/kg	8.4	1	06/03/10 12:01	06/07/10 12:14	7439-89-6	
Lead	**17.5**	mg/kg	0.42	1	06/03/10 12:01	06/07/10 12:14	7439-92-1	
Magnesium	**4030**	mg/kg	42.2	1	06/03/10 12:01	06/07/10 12:14	7439-95-4	
Manganese	**630**	mg/kg	0.84	1	06/03/10 12:01	06/07/10 12:14	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	06/03/10 12:01	06/07/10 12:14	7439-98-7	
Nickel	**21.5**	mg/kg	1.7	1	06/03/10 12:01	06/07/10 12:14	7440-02-0	
Potassium	**1420**	mg/kg	42.2	1	06/03/10 12:01	06/07/10 12:14	7440-09-7	
Selenium	ND	mg/kg	0.42	1	06/03/10 12:01	06/07/10 12:14	7782-49-2	
Silver	**0.82**	mg/kg	0.17	1	06/03/10 12:01	06/07/10 12:14	7440-22-4	
Sodium	ND	mg/kg	422	1	06/03/10 12:01	06/07/10 12:14	7440-23-5	
Thallium	ND	mg/kg	1.7	1	06/03/10 12:01	06/07/10 12:14	7440-28-0	
Vanadium	**14.8**	mg/kg	0.84	1	06/03/10 12:01	06/07/10 12:14	7440-62-2	
Zinc	**69.5**	mg/kg	0.84	1	06/03/10 12:01	06/07/10 12:14	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/03/10 14:56	06/04/10 07:52	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	83-32-9	
Acenaphthylene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	208-96-8	
Anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	207-08-9	
Benzyl alcohol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	59-50-7	
4-Chloroaniline	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	108-60-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16B **Lab ID: 3028453017** Collected: 05/26/10 13:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Chloronaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	91-58-7	
2-Chlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	7005-72-3	
Chrysene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	53-70-3	
Dibenzofuran	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	120-83-2	
Diethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	105-67-9	
Dimethylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	117-81-7	
Fluoranthene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	206-44-0	
Fluorene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	87-68-3	
Hexachlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	77-47-4	
Hexachloroethane	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	193-39-5	
Isophorone	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	78-59-1	
2-Methylnaphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	725	1	06/09/10 15:05	06/11/10 09:07		
Naphthalene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	91-20-3	
2-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	88-74-4	
3-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	100-01-6	
Nitrobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	98-95-3	
2-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	88-75-5	
4-Nitrophenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	86-30-6	
Pentachlorophenol	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	87-86-5	
Phenanthrene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	85-01-8	
Phenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	108-95-2	
Pyrene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	129-00-0	

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CABOT-EPA 005168

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16B **Lab ID: 3028453017** Collected: 05/26/10 13:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	907	1	06/09/10 15:05	06/11/10 09:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	362	1	06/09/10 15:05	06/11/10 09:07	88-06-2	
Nitrobenzene-d5 (S)	68	%	35-114	1	06/09/10 15:05	06/11/10 09:07	4165-60-0	
2-Fluorobiphenyl (S)	78	%	43-116	1	06/09/10 15:05	06/11/10 09:07	321-60-8	
Terphenyl-d14 (S)	109	%	33-141	1	06/09/10 15:05	06/11/10 09:07	1718-51-0	
Phenol-d6 (S)	44	%	10-110	1	06/09/10 15:05	06/11/10 09:07	13127-88-3	
2-Fluorophenol (S)	53	%	21-110	1	06/09/10 15:05	06/11/10 09:07	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-123	1	06/09/10 15:05	06/11/10 09:07	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**14.6**	ug/kg	9.6	1		06/08/10 20:30	67-64-1	
Benzene	ND	ug/kg	4.8	1		06/08/10 20:30	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		06/08/10 20:30	75-27-4	
Bromoform	ND	ug/kg	4.8	1		06/08/10 20:30	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		06/08/10 20:30	74-83-9	
TOTAL BTEX	ND	ug/kg	28.8	1		06/08/10 20:30		
2-Butanone (MEK)	ND	ug/kg	9.6	1		06/08/10 20:30	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	135-98-8	
Carbon disulfide	ND	ug/kg	4.8	1		06/08/10 20:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		06/08/10 20:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		06/08/10 20:30	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	75-00-3	
Chloroform	ND	ug/kg	4.8	1		06/08/10 20:30	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		06/08/10 20:30	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	1		06/08/10 20:30	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 20:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 20:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		06/08/10 20:30	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.6	1		06/08/10 20:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 20:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 20:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/08/10 20:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		06/08/10 20:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/08/10 20:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/08/10 20:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	100-41-4	
2-Hexanone	ND	ug/kg	9.6	1		06/08/10 20:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/08/10 20:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		06/08/10 20:30	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1		06/08/10 20:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.6	1		06/08/10 20:30	108-10-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16B **Lab ID: 3028453017** Collected: 05/26/10 13:57 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/08/10 20:30	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/08/10 20:30	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	103-65-1	
Styrene	ND	ug/kg	4.8	1		06/08/10 20:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		06/08/10 20:30	127-18-4	
Toluene	ND	ug/kg	4.8	1		06/08/10 20:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		06/08/10 20:30	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		06/08/10 20:30	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/08/10 20:30	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1		06/08/10 20:30	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	1		06/08/10 20:30	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		06/08/10 20:30	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		06/08/10 20:30	95-47-6	
Toluene-d8 (S)	93	%	70-130	1		06/08/10 20:30	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/08/10 20:30	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/08/10 20:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		06/10/10 15:34		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	4.9	1		06/09/10 16:58	7664-41-7	

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CABOT-EPA 005170

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-7-P16B(ASTM) **Lab ID: 3028453018** Collected: 05/26/10 13:57 Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		4c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/03/10 10:28	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P1A **Lab ID: 3028453019** Collected: 05/26/10 14:45 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.6	1		06/07/10 01:02	71-43-2	
Ethylbenzene	**20.5**	ug/kg	4.6	1		06/07/10 01:02	100-41-4	
Isopropylbenzene (Cumene)	**29.3**	ug/kg	4.6	1		06/07/10 01:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/07/10 01:02	1634-04-4	
Naphthalene	**253**	ug/kg	4.6	1		06/07/10 01:02	91-20-3	
Toluene	**4.9**	ug/kg	4.6	1		06/07/10 01:02	108-88-3	
1,2,4-Trimethylbenzene	**348**	ug/kg	4.6	1		06/07/10 01:02	95-63-6	
1,3,5-Trimethylbenzene	**146**	ug/kg	4.6	1		06/07/10 01:02	108-67-8	
Toluene-d8 (S)	**115**	%	70-130	1		06/07/10 01:02	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	1		06/07/10 01:02	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/07/10 01:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		06/10/10 15:35		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P1B **Lab ID: 3028453021** Collected: 05/26/10 14:47 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.2	1		06/07/10 01:26	71-43-2	
Ethylbenzene	**10.5**	ug/kg	4.2	1		06/07/10 01:26	100-41-4	
Isopropylbenzene (Cumene)	**4.5**	ug/kg	4.2	1		06/07/10 01:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/07/10 01:26	1634-04-4	
Naphthalene	**21.8**	ug/kg	4.2	1		06/07/10 01:26	91-20-3	
Toluene	**5.6**	ug/kg	4.2	1		06/07/10 01:26	108-88-3	
1,2,4-Trimethylbenzene	**49.6**	ug/kg	4.2	1		06/07/10 01:26	95-63-6	
1,3,5-Trimethylbenzene	**18.0**	ug/kg	4.2	1		06/07/10 01:26	108-67-8	
Toluene-d8 (S)	100	%	70-130	1		06/07/10 01:26	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/07/10 01:26	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/07/10 01:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.2**	%	0.10	1		06/10/10 15:36		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P2A **Lab ID: 3028453023** Collected: 05/26/10 14:55 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.8	1		06/07/10 01:50	71-43-2	
Ethylbenzene	ND	ug/kg	4.8	1		06/07/10 01:50	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/07/10 01:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/07/10 01:50	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/07/10 01:50	91-20-3	
Toluene	ND	ug/kg	4.8	1		06/07/10 01:50	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 01:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/07/10 01:50	108-67-8	
Toluene-d8 (S)	95	%	70-130	1		06/07/10 01:50	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/07/10 01:50	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		06/07/10 01:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.9**	%	**0.10**	1		06/10/10 15:38		

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CABOT-EPA 005174

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P2B **Lab ID: 3028453025** Collected: 05/26/10 14:59 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.1	1		06/02/10 23:49	71-43-2	
Ethylbenzene	ND	ug/kg	6.1	1		06/02/10 23:49	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		06/02/10 23:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		06/02/10 23:49	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1		06/02/10 23:49	91-20-3	
Toluene	ND	ug/kg	6.1	1		06/02/10 23:49	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		06/02/10 23:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		06/02/10 23:49	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/02/10 23:49	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/02/10 23:49	460-00-4	
1,2-Dichloroethane-d4 (S)	129	%	70-130	1		06/02/10 23:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	10.3	%	0.10	1		06/10/10 15:38		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P3A **Lab ID: 3028453027** Collected: 05/26/10 15:20 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.4	1		06/03/10 00:13	71-43-2	
Ethylbenzene	ND	ug/kg	4.4	1		06/03/10 00:13	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/03/10 00:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/03/10 00:13	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/03/10 00:13	91-20-3	
Toluene	ND	ug/kg	4.4	1		06/03/10 00:13	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/03/10 00:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/03/10 00:13	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/03/10 00:13	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/03/10 00:13	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	70-130	1		06/03/10 00:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		06/10/10 15:39		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P3B **Lab ID: 3028453029** Collected: 05/26/10 15:22 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.2	1		06/03/10 00:37	71-43-2	
Ethylbenzene	ND	ug/kg	4.2	1		06/03/10 00:37	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		06/03/10 00:37	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		06/03/10 00:37	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		06/03/10 00:37	91-20-3	
Toluene	ND	ug/kg	4.2	1		06/03/10 00:37	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		06/03/10 00:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		06/03/10 00:37	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/03/10 00:37	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/03/10 00:37	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%	70-130	1		06/03/10 00:37	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.1**	%	0.10	1		06/10/10 15:40		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P4A **Lab ID: 3028453031** Collected: 05/26/10 15:25 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		06/03/10 01:01	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1		06/03/10 01:01	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/03/10 01:01	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/03/10 01:01	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/03/10 01:01	91-20-3	
Toluene	ND	ug/kg	5.0	1		06/03/10 01:01	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 01:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 01:01	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/03/10 01:01	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/03/10 01:01	460-00-4	
1,2-Dichloroethane-d4 (S)	131	%	70-130	1		06/03/10 01:01	17060-07-0	S6
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.2**	%	0.10	1		06/10/10 15:42		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P4B **Lab ID: 3028453033** Collected: 05/26/10 15:29 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.5	1		06/03/10 01:25	71-43-2	
Ethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:25	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/03/10 01:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/03/10 01:25	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/03/10 01:25	91-20-3	
Toluene	ND	ug/kg	4.5	1		06/03/10 01:25	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:25	108-67-8	
Toluene-d8 (S)	84	%	70-130	1		06/03/10 01:25	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/03/10 01:25	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%	70-130	1		06/03/10 01:25	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.6**	%	0.10	1		06/10/10 15:43		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P5A **Lab ID: 3028453035** Collected: 05/26/10 15:30 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.5	1		06/03/10 01:49	71-43-2	
Ethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:49	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/03/10 01:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/03/10 01:49	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/03/10 01:49	91-20-3	
Toluene	ND	ug/kg	4.5	1		06/03/10 01:49	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/03/10 01:49	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/03/10 01:49	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/03/10 01:49	460-00-4	
1,2-Dichloroethane-d4 (S)	127	%	70-130	1		06/03/10 01:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.1**	%	0.10	1		06/10/10 15:45		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P5B **Lab ID: 3028453037** Collected: 05/26/10 15:53 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		06/03/10 02:13	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1		06/03/10 02:13	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/03/10 02:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/03/10 02:13	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/03/10 02:13	91-20-3	
Toluene	ND	ug/kg	5.0	1		06/03/10 02:13	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 02:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/03/10 02:13	108-67-8	
Toluene-d8 (S)	85	%	70-130	1		06/03/10 02:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/03/10 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	124	%	70-130	1		06/03/10 02:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	9.7	%	0.10	1		06/10/10 15:46		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P6A **Lab ID: 3028453039** Collected: 05/26/10 16:10 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.6	1		06/03/10 02:38	71-43-2	
Ethylbenzene	ND	ug/kg	5.6	1		06/03/10 02:38	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		06/03/10 02:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		06/03/10 02:38	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1		06/03/10 02:38	91-20-3	
Toluene	ND	ug/kg	5.6	1		06/03/10 02:38	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		06/03/10 02:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		06/03/10 02:38	108-67-8	
Toluene-d8 (S)	84	%	70-130	1		06/03/10 02:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/03/10 02:38	460-00-4	
1,2-Dichloroethane-d4 (S)	124	%	70-130	1		06/03/10 02:38	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.3**	%	0.10	1		06/10/10 15:47		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: G-3-P6B **Lab ID: 3028453041** Collected: 05/26/10 16:12 Received: 05/27/10 10:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.1	1		06/03/10 03:02	71-43-2	
Ethylbenzene	ND	ug/kg	4.1	1		06/03/10 03:02	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		06/03/10 03:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		06/03/10 03:02	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		06/03/10 03:02	91-20-3	
Toluene	ND	ug/kg	4.1	1		06/03/10 03:02	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		06/03/10 03:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		06/03/10 03:02	108-67-8	
Toluene-d8 (S)	86	%	70-130	1		06/03/10 03:02	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/03/10 03:02	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%	70-130	1		06/03/10 03:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	10	%	0.10	1		06/10/10 15:47		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: Trip Blank **Lab ID: 3028453043** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/01/10 23:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/01/10 23:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/01/10 23:15	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/01/10 23:15	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/01/10 23:15	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/01/10 23:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/01/10 23:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 23:15	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/01/10 23:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/01/10 23:15	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/01/10 23:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 23:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/01/10 23:15	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/01/10 23:15	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/01/10 23:15	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/01/10 23:15	108-10-1	
Acetone	ND	ug/L	10.0	1		06/01/10 23:15	67-64-1	
Benzene	ND	ug/L	1.0	1		06/01/10 23:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/01/10 23:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/01/10 23:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/01/10 23:15	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/01/10 23:15	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/01/10 23:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/01/10 23:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/01/10 23:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/01/10 23:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/01/10 23:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/01/10 23:15	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/01/10 23:15	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/01/10 23:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/01/10 23:15	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/01/10 23:15	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/01/10 23:15	91-20-3	
Styrene	ND	ug/L	1.0	1		06/01/10 23:15	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/01/10 23:15	127-18-4	
Toluene	ND	ug/L	1.0	1		06/01/10 23:15	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/01/10 23:15	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/01/10 23:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/01/10 23:15	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 23:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 23:15	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/01/10 23:15	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	103-65-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028453

Sample: Trip Blank **Lab ID: 3028453043** Collected: Received: 05/27/10 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		06/01/10 23:15	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/01/10 23:15	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/01/10 23:15	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/10 23:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/01/10 23:15	10061-02-6	
4-Bromofluorobenzene (S)	93	%	70-130	1		06/01/10 23:15	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/01/10 23:15	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		06/01/10 23:15	2037-26-5	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MPRP/3968 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

METHOD BLANK: 177773 Matrix: Solid
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/07/10 10:53	
Antimony	mg/kg	ND	0.50	06/07/10 10:53	
Arsenic	mg/kg	ND	0.50	06/07/10 10:53	
Barium	mg/kg	ND	2.0	06/07/10 10:53	
Beryllium	mg/kg	ND	0.20	06/07/10 10:53	
Boron	mg/kg	ND	5.0	06/07/10 10:53	
Cadmium	mg/kg	ND	0.20	06/07/10 10:53	
Calcium	mg/kg	ND	200	06/07/10 10:53	
Chromium	mg/kg	ND	0.50	06/07/10 10:53	
Cobalt	mg/kg	ND	1.0	06/07/10 10:53	
Copper	mg/kg	ND	1.0	06/07/10 10:53	
Iron	mg/kg	ND	10.0	06/07/10 10:53	
Lead	mg/kg	ND	0.50	06/07/10 10:53	
Magnesium	mg/kg	ND	50.0	06/07/10 10:53	
Manganese	mg/kg	ND	1.0	06/07/10 10:53	
Molybdenum	mg/kg	ND	2.0	06/07/10 10:53	
Nickel	mg/kg	ND	2.0	06/07/10 10:53	
Potassium	mg/kg	ND	50.0	06/07/10 10:53	
Selenium	mg/kg	ND	0.50	06/07/10 10:53	
Silver	mg/kg	ND	0.20	06/07/10 10:53	
Sodium	mg/kg	ND	500	06/07/10 10:53	
Thallium	mg/kg	ND	2.0	06/07/10 10:53	
Vanadium	mg/kg	ND	1.0	06/07/10 10:53	
Zinc	mg/kg	ND	1.0	06/07/10 10:53	

LABORATORY CONTROL SAMPLE: 177774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	469	94	80-120	
Antimony	mg/kg	50	47.8	96	80-120	
Arsenic	mg/kg	50	48.0	96	80-120	
Barium	mg/kg	50	50.4	101	80-120	
Beryllium	mg/kg	50	50.0	100	80-120	
Boron	mg/kg	50	46.0	92	80-120	
Cadmium	mg/kg	50	50.3	101	80-120	
Calcium	mg/kg	500	474	95	80-120	
Chromium	mg/kg	50	50.7	101	80-120	
Cobalt	mg/kg	50	49.1	98	80-120	
Copper	mg/kg	50	51.2	102	80-120	
Iron	mg/kg	500	483	97	80-120	

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

LABORATORY CONTROL SAMPLE: 177774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	49.4	99	80-120	
Magnesium	mg/kg	500	478	96	80-120	
Manganese	mg/kg	50	50.3	101	80-120	
Molybdenum	mg/kg	50	51.4	103	80-120	
Nickel	mg/kg	50	50.2	100	80-120	
Potassium	mg/kg	500	445	89	80-120	
Selenium	mg/kg	50	44.0	88	80-120	
Silver	mg/kg	25	24.6	99	80-120	
Sodium	mg/kg	500	471J	94	80-120	
Thallium	mg/kg	50	50.0	100	80-120	
Vanadium	mg/kg	50	49.4	99	80-120	
Zinc	mg/kg	50	47.9	96	80-120	

MATRIX SPIKE SAMPLE: 177776

Parameter	Units	5038028001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	10000	321	10500	156	80-120	M1
Antimony	mg/kg	ND	32.1	10.0	30	80-120	M1
Arsenic	mg/kg	3.6	32.1	33.1	92	80-120	
Barium	mg/kg	55.9	32.1	79.4	73	80-120	M1
Beryllium	mg/kg	0.42	32.1	29.0	89	80-120	
Boron	mg/kg	7.0	32.1	40.6	105	80-120	
Cadmium	mg/kg	0.24	32.1	27.8	86	80-120	
Calcium	mg/kg	31500	321	48100	5180	80-120	M1
Chromium	mg/kg	13.9	32.1	43.2	91	80-120	
Cobalt	mg/kg	5.0	32.1	32.3	85	80-120	
Copper	mg/kg	11.0	32.1	44.1	103	80-120	
Iron	mg/kg	13200	321	13300	12	80-120	M1
Lead	mg/kg	6.6	32.1	34.5	87	80-120	
Magnesium	mg/kg	9900	321	13900	1240	80-120	M1
Manganese	mg/kg	216	32.1	326	343	80-120	M1
Molybdenum	mg/kg	1.9	32.1	30.9	91	80-120	
Nickel	mg/kg	13.0	32.1	42.7	93	80-120	
Potassium	mg/kg	1270	321	2660	433	80-120	M1
Selenium	mg/kg	ND	32.1	26.2	82	80-120	
Silver	mg/kg	0.18	16	15.6	96	80-120	
Sodium	mg/kg	ND	321	519	120	80-120	
Thallium	mg/kg	ND	32.1	30.4	95	80-120	
Vanadium	mg/kg	19.7	32.1	50.3	96	80-120	
Zinc	mg/kg	26.3	32.1	56.7	95	80-120	

SAMPLE DUPLICATE: 177775

Parameter	Units	5038028001 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	10000	8700	14	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

SAMPLE DUPLICATE: 177775

Parameter	Units	5038028001 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	ND	ND		
Arsenic	mg/kg	3.6	5.4	41	D6
Barium	mg/kg	55.9	51.4	8	
Beryllium	mg/kg	0.42	0.41	2	
Boron	mg/kg	7.0	9.5	30	D6
Cadmium	mg/kg	0.24	0.32	30	D6
Calcium	mg/kg	31500	44000	33	D6
Chromium	mg/kg	13.9	13.5	3	
Cobalt	mg/kg	5.0	6.1	20	
Copper	mg/kg	11.0	16.5	41	D6
Iron	mg/kg	13200	14300	8	
Lead	mg/kg	6.6	7.5	12	
Magnesium	mg/kg	9900	14200	36	D6
Manganese	mg/kg	216	310	36	D6
Molybdenum	mg/kg	1.9	3.0	49	D6
Nickel	mg/kg	13.0	16.5	24	D6
Potassium	mg/kg	1270	1680	28	D6
Selenium	mg/kg	ND	ND		
Silver	mg/kg	0.18	.13J		
Sodium	mg/kg	ND	164J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	19.7	20.7	5	
Zinc	mg/kg	26.3	32.0	20	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MERP/1976 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

METHOD BLANK: 177977 Matrix: Solid
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/04/10 07:10	

LABORATORY CONTROL SAMPLE: 177978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.038J	92	85-115	

MATRIX SPIKE SAMPLE: 177980

Parameter	Units	3028443029 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.12	104	75-125	

SAMPLE DUPLICATE: 177979

Parameter	Units	3028443029 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.0077J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: OEXT/5136 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

METHOD BLANK: 179991 Matrix: Solid
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,2-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,3-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
1,4-Dichlorobenzene	ug/kg	ND	333	06/10/10 12:58	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/10/10 12:58	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dichlorophenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dimethylphenol	ug/kg	ND	333	06/10/10 12:58	
2,4-Dinitrophenol	ug/kg	ND	833	06/10/10 12:58	
2,4-Dinitrotoluene	ug/kg	ND	333	06/10/10 12:58	
2,6-Dinitrotoluene	ug/kg	ND	333	06/10/10 12:58	
2-Chloronaphthalene	ug/kg	ND	333	06/10/10 12:58	
2-Chlorophenol	ug/kg	ND	333	06/10/10 12:58	
2-Methylnaphthalene	ug/kg	ND	333	06/10/10 12:58	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/10/10 12:58	
2-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
2-Nitrophenol	ug/kg	ND	333	06/10/10 12:58	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/10/10 12:58	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/10/10 12:58	
3-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/10/10 12:58	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/10/10 12:58	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/10/10 12:58	
4-Chloroaniline	ug/kg	ND	333	06/10/10 12:58	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/10/10 12:58	
4-Nitroaniline	ug/kg	ND	833	06/10/10 12:58	
4-Nitrophenol	ug/kg	ND	333	06/10/10 12:58	
Acenaphthene	ug/kg	ND	333	06/10/10 12:58	
Acenaphthylene	ug/kg	ND	333	06/10/10 12:58	
Anthracene	ug/kg	ND	333	06/10/10 12:58	
Benzo(a)anthracene	ug/kg	ND	333	06/10/10 12:58	
Benzo(a)pyrene	ug/kg	ND	333	06/10/10 12:58	
Benzo(b)fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/10/10 12:58	
Benzo(k)fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Benzyl alcohol	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/10/10 12:58	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/10/10 12:58	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/10/10 12:58	
Butylbenzylphthalate	ug/kg	ND	333	06/10/10 12:58	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

METHOD BLANK: 179991 Matrix: Solid

Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	ND	333	06/10/10 12:58	
Di-n-butylphthalate	ug/kg	ND	333	06/10/10 12:58	
Di-n-octylphthalate	ug/kg	ND	333	06/10/10 12:58	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/10/10 12:58	
Dibenzofuran	ug/kg	ND	333	06/10/10 12:58	
Diethylphthalate	ug/kg	ND	333	06/10/10 12:58	
Dimethylphthalate	ug/kg	ND	333	06/10/10 12:58	
Fluoranthene	ug/kg	ND	333	06/10/10 12:58	
Fluorene	ug/kg	ND	333	06/10/10 12:58	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/10/10 12:58	
Hexachlorobenzene	ug/kg	ND	333	06/10/10 12:58	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/10/10 12:58	
Hexachloroethane	ug/kg	ND	333	06/10/10 12:58	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/10/10 12:58	
Isophorone	ug/kg	ND	333	06/10/10 12:58	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/10/10 12:58	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/10/10 12:58	
Naphthalene	ug/kg	ND	333	06/10/10 12:58	
Nitrobenzene	ug/kg	ND	333	06/10/10 12:58	
Pentachlorophenol	ug/kg	ND	833	06/10/10 12:58	
Phenanthrene	ug/kg	ND	333	06/10/10 12:58	
Phenol	ug/kg	ND	333	06/10/10 12:58	
Pyrene	ug/kg	ND	333	06/10/10 12:58	
2,4,6-Tribromophenol (S)	%	54	10-123	06/10/10 12:58	
2-Fluorobiphenyl (S)	%	66	43-116	06/10/10 12:58	
2-Fluorophenol (S)	%	63	21-110	06/10/10 12:58	
Nitrobenzene-d5 (S)	%	73	35-114	06/10/10 12:58	
Phenol-d6 (S)	%	61	10-110	06/10/10 12:58	
Terphenyl-d14 (S)	%	109	33-141	06/10/10 12:58	

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2190	66	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2080	62	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2480	74	34-115	
2,6-Dinitrotoluene	ug/kg		ND			

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2240	67	40-140	
2-Methylnaphthalene	ug/kg	3330	2210	66	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	2650	80	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	2650	80	27-125	
Acenaphthene	ug/kg	3330	2740	82	48-114	
Acenaphthylene	ug/kg	3330	2790	84	40-140	
Anthracene	ug/kg	3330	3180	95	40-140	
Benzo(a)anthracene	ug/kg	3330	2960	89	40-140	
Benzo(a)pyrene	ug/kg	3330	3360	101	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3380	101	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	2610	78	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3730	112	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3030	91	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2310	69	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2890	87	40-140	
Fluorene	ug/kg	3330	2770	83	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2680	80	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3330	100	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2370	71	40-140	

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CABOT-EPA 005192

DIM0223739 DIM0224585

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

LABORATORY CONTROL SAMPLE: 179992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1670	50	14-127	
Phenanthrene	ug/kg	3330	2910	87	40-140	
Phenol	ug/kg	3330	2200	66	39-120	
Pyrene	ug/kg	3330	3170	95	43-135	
2,4,6-Tribromophenol (S)	%			69	10-123	
2-Fluorobiphenyl (S)	%			77	43-116	
2-Fluorophenol (S)	%			64	21-110	
Nitrobenzene-d5 (S)	%			76	35-114	
Phenol-d6 (S)	%			67	10-110	
Terphenyl-d14 (S)	%			104	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179993 179994

Parameter	Units	3028443029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3510	3600	3010	3490	86	97	43-120	15	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3510	3600	2520	2770	72	77	37-118	10	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3510	3600	3010	3090	86	86	34-115	3	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3510	3600	2470	2900	70	81	40-140	16	
2-Methylnaphthalene	ug/kg	ND	3510	3600	2620	2830	75	79	40-140	8	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3510	3600	2450	2960	70	82	42-130	19	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3510	3600	2390	2920	68	81	27-125	20	
Acenaphthene	ug/kg	ND	3510	3600	2980	3220	85	89	48-114	8	
Acenaphthylene	ug/kg	ND	3510	3600	3000	3310	86	92	40-140	10	
Anthracene	ug/kg	ND	3510	3600	3140	3410	90	95	40-140	8	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179993 179994

Parameter	Units	3028443029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(a)anthracene	ug/kg	ND	3510	3600	3260	3430	93	95	40-140	5	
Benzo(a)pyrene	ug/kg	ND	3510	3600	3570	3660	102	102	40-140	3	
Benzo(b)fluoranthene	ug/kg	ND	3510	3600	3510	3690	100	103	40-140	5	
Benzo(g,h,i)perylene	ug/kg	ND	3510	3600	2960	3770	84	105	40-140	24	
Benzo(k)fluoranthene	ug/kg	ND	3510	3600	3990	4530	114	126	40-140	13	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3510	3600	3410	3560	97	99	40-140	4	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3510	3600	2730	3200	78	89	40-140	16	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3510	3600	3300	3430	94	95	40-140	4	
Fluorene	ug/kg	ND	3510	3600	3080	3420	88	95	40-140	10	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3510	3600	3090	3700	88	103	40-140	18	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3510	3600	2780	2990	79	83	43-126	8	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3510	3600	2680	3000	76	83	40-140	11	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3510	3600	2210	2460	63	68	14-127	11	
Phenanthrene	ug/kg	ND	3510	3600	3070	3240	87	90	40-140	5	
Phenol	ug/kg	ND	3510	3600	1990	2310	57	64	39-120	15	
Pyrene	ug/kg	ND	3510	3600	3520	3710	100	103	43-135	5	
2,4,6-Tribromophenol (S)	%						77	81	10-123		
2-Fluorobiphenyl (S)	%						85	91	43-116		
2-Fluorophenol (S)	%						63	61	21-110		
Nitrobenzene-d5 (S)	%						70	77	35-114		
Phenol-d6 (S)	%						62	69	10-110		
Terphenyl-d14 (S)	%						115	117	33-141		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MSV/6117 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

METHOD BLANK: 180040 Matrix: Solid
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/08/10 12:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/08/10 12:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/08/10 12:27	
1,1-Dichloroethane	ug/kg	ND	5.0	06/08/10 12:27	
1,1-Dichloroethene	ug/kg	ND	5.0	06/08/10 12:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 12:27	
1,2-Dichloroethane	ug/kg	ND	5.0	06/08/10 12:27	
1,2-Dichloropropane	ug/kg	ND	5.0	06/08/10 12:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 12:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/08/10 12:27	
2-Butanone (MEK)	ug/kg	ND	10.0	06/08/10 12:27	
2-Hexanone	ug/kg	ND	10.0	06/08/10 12:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/08/10 12:27	
Acetone	ug/kg	ND	10.0	06/08/10 12:27	
Benzene	ug/kg	ND	5.0	06/08/10 12:27	
Bromodichloromethane	ug/kg	ND	5.0	06/08/10 12:27	
Bromoform	ug/kg	ND	5.0	06/08/10 12:27	
Bromomethane	ug/kg	ND	5.0	06/08/10 12:27	
Carbon disulfide	ug/kg	ND	5.0	06/08/10 12:27	
Carbon tetrachloride	ug/kg	ND	5.0	06/08/10 12:27	
Chlorobenzene	ug/kg	ND	5.0	06/08/10 12:27	
Chloroethane	ug/kg	ND	5.0	06/08/10 12:27	
Chloroform	ug/kg	ND	5.0	06/08/10 12:27	
Chloromethane	ug/kg	ND	5.0	06/08/10 12:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/08/10 12:27	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/08/10 12:27	
Dibromochloromethane	ug/kg	ND	5.0	06/08/10 12:27	
Ethylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/08/10 12:27	
m&p-Xylene	ug/kg	ND	10.0	06/08/10 12:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/08/10 12:27	
Methylene Chloride	ug/kg	ND	5.0	06/08/10 12:27	
n-Butylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
n-Propylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
Naphthalene	ug/kg	ND	5.0	06/08/10 12:27	
o-Xylene	ug/kg	ND	5.0	06/08/10 12:27	
p-Isopropyltoluene	ug/kg	ND	5.0	06/08/10 12:27	
sec-Butylbenzene	ug/kg	ND	5.0	06/08/10 12:27	
Styrene	ug/kg	ND	5.0	06/08/10 12:27	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

METHOD BLANK: 180040 Matrix: Solid

Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	5.0	06/08/10 12:27	
Toluene	ug/kg	ND	5.0	06/08/10 12:27	
TOTAL BTEX	ug/kg	ND	30.0	06/08/10 12:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/08/10 12:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/08/10 12:27	
Trichloroethene	ug/kg	ND	5.0	06/08/10 12:27	
Vinyl chloride	ug/kg	ND	5.0	06/08/10 12:27	
Xylene (Total)	ug/kg	ND	15.0	06/08/10 12:27	
1,2-Dichloroethane-d4 (S)	%	94	70-130	06/08/10 12:27	
4-Bromofluorobenzene (S)	%	98	70-130	06/08/10 12:27	
Toluene-d8 (S)	%	94	70-130	06/08/10 12:27	

LABORATORY CONTROL SAMPLE: 180041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	17.7	88	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	18.4	92	70-130	
1,1,2-Trichloroethane	ug/kg	20	18.6	93	70-130	
1,1-Dichloroethane	ug/kg	20	18.1	90	70-130	
1,1-Dichloroethene	ug/kg	20	15.0	75	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	19.3	96	70-130	
1,2-Dichlorobenzene	ug/kg	20	18.7	94	70-130	
1,2-Dichloroethane	ug/kg	20	17.4	87	70-130	
1,2-Dichloropropane	ug/kg	20	18.5	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	19.1	95	70-130	
1,3-Dichlorobenzene	ug/kg	20	18.8	94	70-130	
1,4-Dichlorobenzene	ug/kg	20	19.2	96	70-130	
2-Butanone (MEK)	ug/kg	20	19.9	100	70-130	
2-Hexanone	ug/kg	20	23.6	118	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	22.9	115	70-130	
Acetone	ug/kg	20	24.1	121	70-130	
Benzene	ug/kg	20	19.1	95	70-130	
Bromodichloromethane	ug/kg	20	16.7	83	70-130	
Bromoform	ug/kg	20	15.9	80	70-130	
Bromomethane	ug/kg	20	23.0	115	70-130	
Carbon disulfide	ug/kg	20	17.5	87	70-130	
Carbon tetrachloride	ug/kg	20	16.4	82	70-130	
Chlorobenzene	ug/kg	20	18.2	91	70-130	
Chloroethane	ug/kg	20	19.2	96	70-130	
Chloroform	ug/kg	20	17.8	89	70-130	
Chloromethane	ug/kg	20	18.3	91	70-130	
cis-1,2-Dichloroethene	ug/kg	20	17.8	89	70-130	
cis-1,3-Dichloropropene	ug/kg	20	18.0	90	70-130	
Dibromochloromethane	ug/kg	20	16.5	82	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

LABORATORY CONTROL SAMPLE: 180041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	20	19.2	96	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	19.5	98	70-130	
m&p-Xylene	ug/kg	40	39.5	99	70-130	
Methyl-tert-butyl ether	ug/kg	20	20.6	103	70-130	
Methylene Chloride	ug/kg	20	14.6	73	70-130	
n-Butylbenzene	ug/kg	20	19.7	98	70-130	
n-Propylbenzene	ug/kg	20	19.4	97	70-130	
Naphthalene	ug/kg	20	20.2	101	70-130	
o-Xylene	ug/kg	20	18.6	93	70-130	
p-Isopropyltoluene	ug/kg	20	19.7	99	70-130	
sec-Butylbenzene	ug/kg	20	19.6	98	70-130	
Styrene	ug/kg	20	18.2	91	70-130	
Tetrachloroethene	ug/kg	20	18.2	91	70-130	
Toluene	ug/kg	20	18.8	94	70-130	
TOTAL BTEX	ug/kg		115			
trans-1,2-Dichloroethene	ug/kg	20	17.1	85	70-130	
trans-1,3-Dichloropropene	ug/kg	20	17.3	86	70-130	
Trichloroethene	ug/kg	20	18.5	92	70-130	
Vinyl chloride	ug/kg	20	19.0	95	70-130	
Xylene (Total)	ug/kg	60	58.0	97	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MSV/6008 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 3028453043

METHOD BLANK: 176857 | Matrix: Water
Associated Lab Samples: 3028453043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,1-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloroethane	ug/L	ND	1.0	06/01/10 14:32	
1,2-Dichloropropane	ug/L	ND	1.0	06/01/10 14:32	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
2-Butanone (MEK)	ug/L	ND	10.0	06/01/10 14:32	
2-Hexanone	ug/L	ND	10.0	06/01/10 14:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/01/10 14:32	
Acetone	ug/L	ND	10.0	06/01/10 14:32	
Benzene	ug/L	ND	1.0	06/01/10 14:32	
Bromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromodichloromethane	ug/L	ND	1.0	06/01/10 14:32	
Bromoform	ug/L	ND	1.0	06/01/10 14:32	
Bromomethane	ug/L	ND	1.0	06/01/10 14:32	
Carbon disulfide	ug/L	ND	1.0	06/01/10 14:32	
Carbon tetrachloride	ug/L	ND	1.0	06/01/10 14:32	
Chlorobenzene	ug/L	ND	1.0	06/01/10 14:32	
Chloroethane	ug/L	ND	1.0	06/01/10 14:32	
Chloroform	ug/L	ND	1.0	06/01/10 14:32	
Chloromethane	ug/L	ND	1.0	06/01/10 14:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Dibromochloromethane	ug/L	ND	1.0	06/01/10 14:32	
Ethylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/01/10 14:32	
m&p-Xylene	ug/L	ND	2.0	06/01/10 14:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/01/10 14:32	
Methylene Chloride	ug/L	ND	1.0	06/01/10 14:32	
n-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	
n-Propylbenzene	ug/L	ND	1.0	06/01/10 14:32	
Naphthalene	ug/L	ND	2.0	06/01/10 14:32	
o-Xylene	ug/L	ND	1.0	06/01/10 14:32	
p-Isopropyltoluene	ug/L	ND	1.0	06/01/10 14:32	
sec-Butylbenzene	ug/L	ND	1.0	06/01/10 14:32	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

METHOD BLANK: 176857 Matrix: Water

Associated Lab Samples: 3028453043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	06/01/10 14:32	
Tetrachloroethene	ug/L	ND	1.0	06/01/10 14:32	
Toluene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/01/10 14:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/01/10 14:32	
Trichloroethene	ug/L	ND	1.0	06/01/10 14:32	
Vinyl chloride	ug/L	ND	1.0	06/01/10 14:32	
Xylene (Total)	ug/L	ND	3.0	06/01/10 14:32	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/01/10 14:32	
4-Bromofluorobenzene (S)	%	96	70-130	06/01/10 14:32	
Toluene-d8 (S)	%	97	70-130	06/01/10 14:32	

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	17.1	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	70-130	
1,1,2-Trichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	20	18.8	94	70-130	
1,1-Dichloroethene	ug/L	20	15.4	77	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.5	103	70-130	
1,2,4-Trimethylbenzene	ug/L	20	23.2	116	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.2	96	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	104	70-130	
1,2-Dichloroethane	ug/L	20	19.4	97	70-130	
1,2-Dichloropropane	ug/L	20	18.9	94	70-130	
1,3,5-Trimethylbenzene	ug/L	20	23.9	120	70-130	
1,3-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	20	20.9	104	70-130	
2-Butanone (MEK)	ug/L	20	16.8	84	70-130	
2-Hexanone	ug/L	20	18.9	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.4	97	70-130	
Acetone	ug/L	20	17.4	87	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Bromochloromethane	ug/L	20	18.0	90	70-130	
Bromodichloromethane	ug/L	20	19.2	96	70-130	
Bromoform	ug/L	20	16.3	81	70-130	
Bromomethane	ug/L	20	23.0	115	70-130	
Carbon disulfide	ug/L	20	18.1	91	70-130	
Carbon tetrachloride	ug/L	20	15.7	78	70-130	
Chlorobenzene	ug/L	20	20.9	105	70-130	
Chloroethane	ug/L	20	22.3	111	70-130	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	18.8	94	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

LABORATORY CONTROL SAMPLE: 176858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	17.6	88	70-130	
Dibromochloromethane	ug/L	20	17.8	89	70-130	
Ethylbenzene	ug/L	20	21.2	106	70-130	
Isopropylbenzene (Cumene)	ug/L	20	23.5	118	70-130	
m&p-Xylene	ug/L	40	37.9	95	70-130	
Methyl-tert-butyl ether	ug/L	20	19.7	98	70-130	
Methylene Chloride	ug/L	20	16.7	83	70-130	
n-Butylbenzene	ug/L	20	24.0	120	70-130	
n-Propylbenzene	ug/L	20	25.3	126	70-130	
Naphthalene	ug/L	20	22.0	110	70-130	
o-Xylene	ug/L	20	20.8	104	70-130	
p-Isopropyltoluene	ug/L	20	23.3	116	70-130	
sec-Butylbenzene	ug/L	20	24.7	123	70-130	
Styrene	ug/L	20	21.2	106	70-130	
Tetrachloroethene	ug/L	20	19.4	97	70-130	
Toluene	ug/L	20	21.6	108	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.7	78	70-130	
Trichloroethene	ug/L	20	19.4	97	70-130	
Vinyl chloride	ug/L	20	20.3	102	70-130	
Xylene (Total)	ug/L	60	58.7	98	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	17.0	17.7	85	89	70-130	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.3	19.8	102	99	70-130	2	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	20.9	105	104	70-130	.3	
1,1-Dichloroethane	ug/L	ND	20	20	20.1	20.5	100	103	70-130	2	
1,1-Dichloroethene	ug/L	ND	20	20	22.1	17.0	110	85	70-130	26	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.0	18.3	95	92	70-130	4	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.0	23.0	120	115	70-130	4	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.4	19.5	92	97	70-130	6	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.5	20.6	107	103	70-130	4	
1,2-Dichloroethane	ug/L	ND	20	20	20.8	20.7	104	104	70-130	.4	
1,2-Dichloropropane	ug/L	ND	20	20	19.9	19.8	99	99	70-130	.2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.2	24.2	126	121	70-130	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.8	21.0	109	105	70-130	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.9	21.0	110	105	70-130	4	
2-Butanone (MEK)	ug/L	ND	20	20	15.0	14.4	75	72	70-130	4	
2-Hexanone	ug/L	ND	20	20	17.1	17.1	85	85	70-130	.07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	18.5	18.1	92	90	70-130	2	
Acetone	ug/L	ND	20	20	17.5	17.3	78	77	70-130	1	

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176859 176860

Parameter	Units	3028288023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	22.0	21.8	110	109	70-130	.7	
Bromochloromethane	ug/L	ND	20	20	19.2	20.3	96	102	70-130	5	
Bromodichloromethane	ug/L	ND	20	20	16.9	17.8	84	89	70-130	5	
Bromoform	ug/L	ND	20	20	13.5	14.3	67	71	70-130	6	M0
Bromomethane	ug/L	ND	20	20	14.4	25.4	72	127	70-130	55	R1
Carbon disulfide	ug/L	ND	20	20	41.6	20.4	208	102	70-130	69	M0,R1
Carbon tetrachloride	ug/L	ND	20	20	14.5	15.2	73	76	70-130	4	
Chlorobenzene	ug/L	ND	20	20	22.7	22.1	114	111	70-130	3	
Chloroethane	ug/L	ND	20	20	26.4	26.3	132	131	70-130	.5	M0
Chloroform	ug/L	ND	20	20	21.6	21.2	108	106	70-130	2	
Chloromethane	ug/L	ND	20	20	19.9	18.7	100	94	70-130	6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.8	19.6	99	98	70-130	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	15.5	16.5	77	83	70-130	7	
Dibromochloromethane	ug/L	ND	20	20	15.9	16.4	80	82	70-130	3	
Ethylbenzene	ug/L	ND	20	20	22.8	22.6	114	113	70-130	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	24.9	24.0	124	120	70-130	4	
m&p-Xylene	ug/L	ND	40	40	40.1	39.4	100	99	70-130	2	
Methyl-tert-butyl ether	ug/L	40.2	20	20	57.4	58.5	86	91	70-130	2	
Methylene Chloride	ug/L	ND	20	20	18.3	17.7	91	88	70-130	4	
n-Butylbenzene	ug/L	ND	20	20	23.6	22.7	118	113	70-130	4	
n-Propylbenzene	ug/L	ND	20	20	26.6	25.7	133	128	70-130	4	M0
Naphthalene	ug/L	ND	20	20	18.1	17.4	91	87	70-130	4	
o-Xylene	ug/L	ND	20	20	21.7	21.7	108	109	70-130	.07	
p-Isopropyltoluene	ug/L	ND	20	20	24.0	22.8	120	114	70-130	5	
sec-Butylbenzene	ug/L	ND	20	20	25.7	25.1	128	126	70-130	2	
Styrene	ug/L	ND	20	20	20.8	21.1	104	106	70-130	2	
Tetrachloroethene	ug/L	2.4	20	20	23.2	22.6	104	101	70-130	2	
Toluene	ug/L	ND	20	20	23.4	22.8	117	114	70-130	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.5	100	98	70-130	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	13.8	14.9	69	75	70-130	8	M0
Trichloroethene	ug/L	ND	20	20	21.1	20.9	105	104	70-130	1	
Vinyl chloride	ug/L	ND	20	20	22.6	20.9	113	104	70-130	8	
Xylene (Total)	ug/L	ND	60	60	61.8	61.1	103	102	70-130	1	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130		
4-Bromofluorobenzene (S)	%						97	91	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MSV/6031 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-SOIL
Associated Lab Samples: 3028453025, 3028453027, 3028453029, 3028453031, 3028453033, 3028453035, 3028453037, 3028453039, 3028453041

METHOD BLANK: 177678 Matrix: Solid
Associated Lab Samples: 3028453025, 3028453027, 3028453029, 3028453031, 3028453033, 3028453035, 3028453037, 3028453039, 3028453041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/02/10 23:24	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/02/10 23:24	
Benzene	ug/kg	ND	5.0	06/02/10 23:24	
Ethylbenzene	ug/kg	ND	5.0	06/02/10 23:24	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/02/10 23:24	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/02/10 23:24	
Naphthalene	ug/kg	ND	5.0	06/02/10 23:24	
Toluene	ug/kg	ND	5.0	06/02/10 23:24	
1,2-Dichloroethane-d4 (S)	%	112	70-130	06/02/10 23:24	
4-Bromofluorobenzene (S)	%	95	70-130	06/02/10 23:24	
Toluene-d8 (S)	%	86	70-130	06/02/10 23:24	

LABORATORY CONTROL SAMPLE: 177679

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	17.8	89	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	18.4	92	70-130	
Benzene	ug/kg	20	24.8	124	70-130	
Ethylbenzene	ug/kg	20	20.3	102	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	18.5	93	70-130	
Methyl-tert-butyl ether	ug/kg	20	28.5	143	70-130	L0
Naphthalene	ug/kg	20	16.7	84	70-130	
Toluene	ug/kg	20	20.1	101	70-130	
1,2-Dichloroethane-d4 (S)	%			113	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			88	70-130	

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: MSV/6081 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-SOIL
Associated Lab Samples: 3028453019, 3028453021, 3028453023

METHOD BLANK: 179221 Matrix: Solid
Associated Lab Samples: 3028453019, 3028453021, 3028453023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 23:25	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/06/10 23:25	
Benzene	ug/kg	ND	5.0	06/06/10 23:25	
Ethylbenzene	ug/kg	ND	5.0	06/06/10 23:25	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/06/10 23:25	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/06/10 23:25	
Naphthalene	ug/kg	ND	5.0	06/06/10 23:25	
Toluene	ug/kg	ND	5.0	06/06/10 23:25	
1,2-Dichloroethane-d4 (S)	%	103	70-130	06/06/10 23:25	
4-Bromofluorobenzene (S)	%	97	70-130	06/06/10 23:25	
Toluene-d8 (S)	%	91	70-130	06/06/10 23:25	

LABORATORY CONTROL SAMPLE: 179222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	15.6	78	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	16.4	82	70-130	
Benzene	ug/kg	20	17.0	85	70-130	
Ethylbenzene	ug/kg	20	17.3	86	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	17.4	87	70-130	
Methyl-tert-butyl ether	ug/kg	20	17.6	88	70-130	
Naphthalene	ug/kg	20	15.8	79	70-130	
Toluene	ug/kg	20	17.5	87	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: PMST/1898
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028453001, 3028453003

SAMPLE DUPLICATE: 180630

Parameter	Units	3028443001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.0	22.8	29	2c

SAMPLE DUPLICATE: 180631

Parameter	Units	3028443003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.0	12.1	15	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: PMST/1899 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017, 3028453019, 3028453021, 3028453023, 3028453025, 3028453027, 3028453029, 3028453031, 3028453033, 3028453035, 3028453037, 3028453039, 3028453041

SAMPLE DUPLICATE: 180719

Parameter	Units	3028453005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.6	10.9	3	

SAMPLE DUPLICATE: 180720

Parameter	Units	3028453007 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.5	10.7	1	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: WET/5796 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016

METHOD BLANK: 177505 Matrix: Water
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

METHOD BLANK: 177506 Matrix: Water
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/02/10 13:13	

LABORATORY CONTROL SAMPLE: 177507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	1.1	109	85-115	SU

MATRIX SPIKE SAMPLE: 177509

Parameter	Units	3028366038 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	1.0	100	85-115	3c

SAMPLE DUPLICATE: 177508

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	.052J		3c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: WET/5819 | Analysis Method: SM 5540C
QC Batch Method: SM 5540C | Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028453018

METHOD BLANK: 178324 | Matrix: Water
Associated Lab Samples: 3028453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

METHOD BLANK: 178325 | Matrix: Water
Associated Lab Samples: 3028453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

LABORATORY CONTROL SAMPLE: 178326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.86	86	85-115	SU

MATRIX SPIKE SAMPLE: 178328

Parameter	Units	3028753003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.58	57	85-115	4c,M3

SAMPLE DUPLICATE: 178327

Parameter	Units	3028753002 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		4c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: WETA/4447 — Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 — Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

METHOD BLANK: 180213 — Matrix: Solid
Associated Lab Samples: 3028453001, 3028453003, 3028453005, 3028453007, 3028453009, 3028453011, 3028453013, 3028453015, 3028453017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/09/10 16:44	

LABORATORY CONTROL SAMPLE: 180214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	157	148	94	85-115	

MATRIX SPIKE SAMPLE: 180215

Parameter	Units	3028586003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	5.6	153	152	96	85-115	

SAMPLE DUPLICATE: 180216

Parameter	Units	3028586003 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	5.6	4.6J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028453

QC Batch: WETA/4380 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016, 3028453018

METHOD BLANK: 177684 Matrix: Water
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016, 3028453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 10:11	

METHOD BLANK: 177740 Matrix: Water
Associated Lab Samples: 3028453002, 3028453004, 3028453006, 3028453008, 3028453010, 3028453012, 3028453014, 3028453016, 3028453018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/03/10 00:00	1c

LABORATORY CONTROL SAMPLE: 177685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.7	99	85-115	

MATRIX SPIKE SAMPLE: 177686

Parameter	Units	3028366036 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	ND	20	18.3	81	85-115	M1

SAMPLE DUPLICATE: 177687

Parameter	Units	3028366036 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	2.2J		

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QUALIFIERS

Project: KLG
Pace Project No.: 3028453

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

BATCH QUALIFIERS

Batch: MSV/6031

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6081

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6117

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	ASTM BLANK
2c	RPD outside QC limits due to non-homogenous sample.
3c	Samples were tumbled on 06/01/2010 and analyzed within 48 hours.
4c	Samples were tumbled on 6/1/2010 and analyzed within 48 hours.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.
S6	Surrogate recovery outside control limits. Data accepted based on valid recovery of applicable surrogates (no analytes associated with this surrogate)
SU	MBAS, calculated as LAS, Mol wt 342.2 g/mol

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nelac

CABOT-EPA 005210

DIM0223739 DIM0224603

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028453001	G-7-P12B	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453003	G-7-P13A	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453005	G-7-P13B	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453007	G-7-P14A	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453009	G-7-P14B	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453011	G-7-P15A	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453013	G-7-P15B	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453015	G-7-P16A	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453017	G-7-P16B	EPA 3050	MPRP/3968	EPA 6010B	ICP/3556
3028453001	G-7-P12B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453003	G-7-P13A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453005	G-7-P13B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453007	G-7-P14A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453009	G-7-P14B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453011	G-7-P15A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453013	G-7-P15B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453015	G-7-P16A	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453017	G-7-P16B	EPA 7471	MERP/1976	EPA 7471	MERC/1925
3028453001	G-7-P12B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453003	G-7-P13A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453005	G-7-P13B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453007	G-7-P14A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453009	G-7-P14B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453011	G-7-P15A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453013	G-7-P15B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453015	G-7-P16A	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453017	G-7-P16B	EPA 3546	OEXT/5136	EPA 8270	MSSV/2179
3028453001	G-7-P12B	EPA 8260	MSV/6117		
3028453003	G-7-P13A	EPA 8260	MSV/6117		
3028453005	G-7-P13B	EPA 8260	MSV/6117		
3028453007	G-7-P14A	EPA 8260	MSV/6117		
3028453009	G-7-P14B	EPA 8260	MSV/6117		
3028453011	G-7-P15A	EPA 8260	MSV/6117		
3028453013	G-7-P15B	EPA 8260	MSV/6117		
3028453015	G-7-P16A	EPA 8260	MSV/6117		
3028453017	G-7-P16B	EPA 8260	MSV/6117		
3028453043	Trip Blank	EPA 8260	MSV/6008		
3028453019	G-3-P1A	EPA 8260	MSV/6081		
3028453021	G-3-P1B	EPA 8260	MSV/6081		
3028453023	G-3-P2A	EPA 8260	MSV/6081		
3028453025	G-3-P2B	EPA 8260	MSV/6031		
3028453027	G-3-P3A	EPA 8260	MSV/6031		
3028453029	G-3-P3B	EPA 8260	MSV/6031		
3028453031	G-3-P4A	EPA 8260	MSV/6031		
3028453033	G-3-P4B	EPA 8260	MSV/6031		
3028453035	G-3-P5A	EPA 8260	MSV/6031		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028453037	G-3-P5B	EPA 8260	MSV/6031		
3028453039	G-3-P6A	EPA 8260	MSV/6031		
3028453041	G-3-P6B	EPA 8260	MSV/6031		
3028453001	G-7-P12B	ASTM D2974-87	PMST/1898		
3028453003	G-7-P13A	ASTM D2974-87	PMST/1898		
3028453005	G-7-P13B	ASTM D2974-87	PMST/1899		
3028453007	G-7-P14A	ASTM D2974-87	PMST/1899		
3028453009	G-7-P14B	ASTM D2974-87	PMST/1899		
3028453011	G-7-P15A	ASTM D2974-87	PMST/1899		
3028453013	G-7-P15B	ASTM D2974-87	PMST/1899		
3028453015	G-7-P16A	ASTM D2974-87	PMST/1899		
3028453017	G-7-P16B	ASTM D2974-87	PMST/1899		
3028453019	G-3-P1A	ASTM D2974-87	PMST/1899		
3028453021	G-3-P1B	ASTM D2974-87	PMST/1899		
3028453023	G-3-P2A	ASTM D2974-87	PMST/1899		
3028453025	G-3-P2B	ASTM D2974-87	PMST/1899		
3028453027	G-3-P3A	ASTM D2974-87	PMST/1899		
3028453029	G-3-P3B	ASTM D2974-87	PMST/1899		
3028453031	G-3-P4A	ASTM D2974-87	PMST/1899		
3028453033	G-3-P4B	ASTM D2974-87	PMST/1899		
3028453035	G-3-P5A	ASTM D2974-87	PMST/1899		
3028453037	G-3-P5B	ASTM D2974-87	PMST/1899		
3028453039	G-3-P6A	ASTM D2974-87	PMST/1899		
3028453041	G-3-P6B	ASTM D2974-87	PMST/1899		
3028453002	G-7-P12B(ASTM)	SM 5540C	WET/5796		
3028453004	G-7-P13A(ASTM)	SM 5540C	WET/5796		
3028453006	G-7-P13B(ASTM)	SM 5540C	WET/5796		
3028453008	G-7-P14A(ASTM)	SM 5540C	WET/5796		
3028453010	G-7-P14B(ASTM)	SM 5540C	WET/5796		
3028453012	G-7-P15A(ASTM)	SM 5540C	WET/5796		
3028453014	G-7-P15B(ASTM)	SM 5540C	WET/5796		
3028453016	G-7-P16A(ASTM)	SM 5540C	WET/5796		
3028453018	G-7-P16B(ASTM)	SM 5540C	WET/5819		
3028453001	G-7-P12B	EPA 350.1	WETA/4447		
3028453003	G-7-P13A	EPA 350.1	WETA/4447		
3028453005	G-7-P13B	EPA 350.1	WETA/4447		
3028453007	G-7-P14A	EPA 350.1	WETA/4447		
3028453009	G-7-P14B	EPA 350.1	WETA/4447		
3028453011	G-7-P15A	EPA 350.1	WETA/4447		
3028453013	G-7-P15B	EPA 350.1	WETA/4447		
3028453015	G-7-P16A	EPA 350.1	WETA/4447		
3028453017	G-7-P16B	EPA 350.1	WETA/4447		
3028453002	G-7-P12B(ASTM)	SM 4500-Cl-E	WETA/4380		
3028453004	G-7-P13A(ASTM)	SM 4500-Cl-E	WETA/4380		
3028453006	G-7-P13B(ASTM)	SM 4500-Cl-E	WETA/4380		
3028453008	G-7-P14A(ASTM)	SM 4500-Cl-E	WETA/4380		

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DIM0223739 DIM0224605

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028453010	**G-7-P14B(ASTM)**	SM 4500-Cl-E	WETA/4380		
3028453012	**G-7-P15A(ASTM)**	SM 4500-Cl-E	WETA/4380		
3028453014	**G-7-P15B(ASTM)**	SM 4500-Cl-E	WETA/4380		
3028453016	**G-7-P16A(ASTM)**	SM 4500-Cl-E	WETA/4380		
3028453018	**G-7-P16B(ASTM)**	SM 4500-Cl-E	WETA/4380		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 179991

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10610A8

Level: (low/med) LOW Date Received: 06/09/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1370	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P12B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453001

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610C0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1090	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P13A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453003

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10610C1

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1640	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P13B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453005

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610C2

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1870	J
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P14A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453007

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610C3

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.45	0.000	
2.	UNKNOWN	4.14	1590	J
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P14B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453009

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10610C4

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	980	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P15A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453011

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10610C5

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1100	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P15B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453013

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10610C6

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1150	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P16A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106101

Matrix: (soil/water) SOIL Lab Sample ID: 3028453015

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10610C7

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	822	J
2.				
3.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P16B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028453017

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10611A0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	2.18	163	NJ
2. 111-06-8	HEXADECANOIC ACID, BUTYL EST	10.92	438	NJ
3. 123-95-5	OCTADECANOIC ACID, BUTYL EST	11.62	251	NJ
4.				
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FORM I SV-TIC

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1361257

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Email To: James_Pinto@URSCorp.com
Phone: 412-503-4601 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinto@URSCorp.com
Copy To: Mark_Holsing@URSCorp.com
Andy_Mahalka@URSCorp.com
Purchase Order No.:
Project Name: KLQ
Project Number: 39937654.00001

Section C Invoice Information:

Attention: Thomas_Marsh@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOC; Silica; Metals; Ammonia; MBAS; Acetate; Alk; Cl; Eth. Glycol

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	VOC	Silica	Metals	Ammonia	MBAS	Acetate	Alk	Cl	Eth. Glycol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	G-1-P12B	S	G	5/26/10	1307														✓	✓	✓	✓	✓	✓	✓				001, 002
2	G-1-P13A				1315														✓	✓	✓	✓	✓	✓	✓				003, 004
3	G-1-P13B				1316														✓	✓	✓	✓	✓	✓	✓				005, 006
4	G-1-P14A				1332														✓	✓	✓	✓	✓	✓	✓				007, 008
5	G-1-P14B				1333														✓	✓	✓	✓	✓	✓	✓				009, 010
6	G-1-P15A				1345														✓	✓	✓	✓	✓	✓	✓				011, 012
7	G-1-P15B				1347														✓	✓	✓	✓	✓	✓	✓				013, 014
8	G-1-P16A				1355														✓	✓	✓	✓	✓	✓	✓				~~015~~, 016
9	G-1-P16B				1357														✓	✓	✓	✓	✓	✓	✓				017, 018
10	G-3-P1A				1045														✓	✓	✓	✓	✓	✓	✓				019, 020
11	G-3-P1B				1047														✓	✓	✓	✓	✓	✓	✓				021, 022
12	G-3-P2A				1055														✓	✓	✓	✓	✓	✓	✓				023, 024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[illegible] URS	5/26/10	1830	[illegible]	5/27/10	1030	8.7	X	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Print Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Jul-2007

CABOT-EPA 005224

DIM0223739 DIM0224617

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of

1361256

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive Pittsburgh, PA 15220
Email To: James_Pinto@URSCorp.com
Phone: 412-503-4601 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinto@URSCorp.com
Copy To: Mark Halsing@URSCorp.com
Andy_Mahalko@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39939654.00001

Section C Invoice Information:

Attention: Thomas_Marsh@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh, PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOC	SVOC+TIC	Metals	AMMONIA	MBAS	Acids/NK/Cl	Eth. Glycol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 3028453
1	G-3-P2B	S	G	5/26/10	1459														✓	✓	✓	✓	✓	✓		~~025~~, 026
2	G-3-P3A				1520														✓	✓	✓	✓	✓	✓		027, 028
3	G-3-P3B				1522														✓	✓	✓	✓	✓	✓		029, 030
4	G-3-P4A				1528														✓	✓	✓	✓	✓	✓		031, 032
5	G-3-P4B				1529														✓	✓	✓	✓	✓	✓		033, 034
6	G-3-P5A				1550														✓	✓	✓	✓	✓	✓		035, 036
7	G-3-P5B				1553														✓	✓	✓	✓	✓	✓		037, 038
8	G-3-P6A				1610														✓	✓	✓	✓	✓	✓		039, 040
9	G-3-P6B				1612														✓	✓	✓	✓	✓	✓		041, 042
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Trip Blank 043 ~~0~~ 5/26/10	[illegible] / UH	5/26/10	1830	[illegible]	5/27/10	1030	8.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 005225

DIM0223739 DIM0224618

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	Analytical Parameters Requested													
		VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for **ALL** Petroleum Products
Soils															
P/F	[redacted] 1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted] 1	x	x	x		x				x	x		x		
P/F	[redacted] 2	x	x	x		x				x	x		x		
SL4D	[redacted] 5 - "P samples"													x	
P/F	[redacted] 5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted] 4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted] 3 - "P samples"													x	
P/F	[redacted] 3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted] 7	x	x	x		x				x	x		x		
SL4D	[redacted] 2 - "P samples"														
P/F + SL4D	[redacted] 2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted] 5	x	x	x		x				x	x		x		
SL4Petroleum Pro	[redacted] 6														x
P/F	[redacted] 7	x	x	x		x				x	x		x		
Water															
Ext	[redacted] 4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted] 6					x								x	

CABOT-EPA 005226

DIM0223739

DIM0224619

LL

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS Project # 3028453

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace Other _____

Tracking #: 8656594461950-master#

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [X] Other foam

Thermometer Used (3) 5 Type of Ice: (Wet) Blue None [ ] Samples on ice, cooling process has begun

Cooler Temperature 8.7 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: SMB 5/07/10

		Comments:
Chain of Custody Present:	[X] Yes [ ] No [ ] N/A	1.
Chain of Custody Filled Out:	[X] Yes [ ] No [ ] N/A	2.
Chain of Custody Relinquished:	[X] Yes [ ] No [ ] N/A	3.
Sampler Name & Signature on COC:	[ ] Yes [X] No [ ] N/A	4.
Samples Arrived within Hold Time:	[X] Yes [ ] No [ ] N/A	5.
Short Hold Time Analysis (<72hr):	[ ] Yes [X] No [ ] N/A	6.
Rush Turn Around Time Requested:	[ ] Yes [X] No [ ] N/A	7.
Sufficient Volume:	[X] Yes [ ] No [ ] N/A	8.
Correct Containers Used:	[X] Yes [ ] No [ ] N/A	9. G3-P5A - only 1 sodium bisulfate and moisture for remaining from kit. Rest broke
-Pace Containers Used:	[X] Yes [ ] No [ ] N/A	
Containers Intact: SMB 5/07	[X] Yes [X] No [ ] N/A	10. G3-P2B broken transferred to
Filtered volume received for Dissolved tests	[ ] Yes [ ] No [X] N/A	11. new jar
Sample Labels match COC:	[X] Yes [ ] No [ ] N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing preservation have been checked.	[ ] Yes [ ] No [X] N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	[ ] Yes [ ] No [X] N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	[ ] Yes [X] No	Initial when completed SMB Lot # of added preservative
Samples checked for dechlorination:	[ ] Yes [ ] No [X] N/A	14.
Headspace in VOA Vials (>6mm):	[ ] Yes [ ] No [X] N/A	15.
Trip Blank Present:	[ ] Yes [X] No [ ] N/A	16.
Trip Blank Custody Seals Present	[ ] Yes [ ] No [X] N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: only about 5lbs ice/cooler samples sitting on top.

Project Manager Review: P.J. Westbrook **Date:** 5/28/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008061

Project Number
3028453

Issued
Tuesday, June 08, 2010

Total Number of Pages
4 (excluding C.O.C. and cooler receipt form)

Approved By :

QA Manager

NELAC Accreditation #E87688

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3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Pace Analytical
Order Number: 1008061

Laboratory ID	Client ID	Matrix	Sampling Date
1008061-01	3028453001	Solid	5/26/2010
1008061-02	3028453003	Solid	5/26/2010
1008061-03	3028453005	Solid	5/26/2010
1008061-04	3028453007	Solid	5/26/2010
1008061-05	3028453009	Solid	5/26/2010
1008061-06	3028453011	Solid	5/26/2010
1008061-07	3028453013	Solid	5/26/2010
1008061-08	3028453015	Solid	5/26/2010
1008061-09	3028453017	Solid	5/26/2010

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008061

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Estimated uncertainty values are available upon request.

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 08, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028453

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028453001	1008061-01	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453003	1008061-02	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453005	1008061-03	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453007	1008061-04	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453009	1008061-05	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453011	1008061-06	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453013	1008061-07	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453015	1008061-08	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN
3028453017	1008061-09	26-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	05-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical™
www.pacelabs.com

Subcontractor Project No.:
P.O. No: ASR- 3028453

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 5/28/10 Analysis Due Date: 6/11/2010
Shipped By: FedEx

Certification Required: PA Cert

Page _____ of _____

Pace Project No.: 3028453
Report/Invoice to: Tim Reed

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028453001	SL	5/26/10	13:07	Ethylene Glycol	8015		
2	3028453003	SL	5/26/10	13:15	Ethylene Glycol	8015		
3	3028453005	SL	5/26/10	13:16	Ethylene Glycol	8015		
4	3028453007	SL	5/26/10	13:32	Ethylene Glycol	8015		
5	3028453009	SL	5/26/10	13:33	Ethylene Glycol	8015		
6	3028453011	SL	5/26/10	13:45	Ethylene Glycol	8015		
7	3028453013	SL	5/26/10	13:47	Ethylene Glycol	8015		
8	3028453015	SL	5/26/10	13:55	Ethylene Glycol	8015		
9	3028453017	SL	5/26/10	13:57	Ethylene Glycol	8015		
10								
11								
12								

Special Requirements: 1008061-01-09

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____ Pace Agent Name _____ Title
Acceptance of Terms By: _____ Subcontract Lab Agent _____ Title

Relinquised By: _____ (Signature & Affiliation) 5-28-10 1700 (Date) (Time)
Relinquised By: _____ (Signature & Affiliation) (Date) (Time)

Received By: _____ (Signature & Affiliation) 5-28-10 10:00 (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005232

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Order Number: 1008061

Date Received: 5-29-10 Time Received: 10:00

Number of Coolers/Boxes: 2 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 14, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028462

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: KLG
Pace Project No.: 3028462

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028462001	[redacted]POND	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 5030/8015 Mod.	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 6010	SAB	24	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 8270	SPL	75	PASI-PA
		EPA 8260	JHC	55	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		SM 2310B	JMC	1	PASI-PA
		SM 2320B	JMC	1	PASI-PA
		SM 2540C	JMC	1	PASI-PA
		SM 4500-H+B	JMC	1	PASI-PA
		SM 5540C	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028462002	[redacted]DW SEEP	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 5030/8015 Mod.	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 6010	SAB	24	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 8270	SPL	75	PASI-PA
		EPA 8260	JHC	55	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		SM 2310B	JMC	1	PASI-PA
		SM 2320B	JMC	1	PASI-PA
		SM 2540C	JMC	1	PASI-PA
		SM 4500-H+B	JMC	1	PASI-PA
		SM 5540C	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028462003	[redacted]-6-UP	EPA 8260	JAS	11	PASI-PA
3028462004	[redacted]6-DN	EPA 8260	JAS	11	PASI-PA
3028462005	[redacted]-DN	EPA 8015B Modified	CWB	2	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 5030/8015 Mod.	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 6010	SAB	24	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 8270	SPL	75	PASI-PA
		EPA 8260	JHC	55	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		SM 2310B	JMC	1	PASI-PA
		SM 2320B	JMC	1	PASI-PA
		SM 2540C	JMC	1	PASI-PA
		SM 4500-H+B	JMC	1	PASI-PA
		SM 5540C	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028462006	[redacted]-UP	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 5030/8015 Mod.	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 6010	SAB	24	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 8270	SPL	75	PASI-PA
		EPA 8260	JHC	55	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		SM 2310B	JMC	1	PASI-PA
		SM 2320B	JMC	1	PASI-PA
		SM 2540C	JMC	1	PASI-PA
		SM 4500-H+B	JMC	1	PASI-PA
		SM 5540C	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028462007	TRIP BLANK	EPA 8260	JHC	55	PASI-PA
3028462008	[redacted]-DW SEEP D	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 5030/8015 Mod.	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	SAB	24	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 7470	CTS	1	PASI-PA
		EPA 8270	SPL	75	PASI-PA
		EPA 8260	JHC	55	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		EPA 1664A	DLH	1	PASI-PA
		SM 2310B	JMC	1	PASI-PA
		SM 2320B	JMC	1	PASI-PA
		SM 2540C	JMC	1	PASI-PA
		SM 4500-H+B	MDF	1	PASI-PA
		SM 5540C	DLD	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA

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Project: KLG
Pace Project No.: 3028462

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028462001	**[redacted]POND**					
EPA 6010B	Aluminum	111	ug/L	50.0	06/07/10 16:58	
EPA 6010B	Barium	53.4	ug/L	10.0	06/07/10 16:58	
EPA 6010B	Calcium	10000	ug/L	1000	06/07/10 16:58	
EPA 6010B	Copper	5.8	ug/L	5.0	06/07/10 16:58	
EPA 6010B	Iron	264	ug/L	50.0	06/07/10 16:58	
EPA 6010B	Magnesium	1980	ug/L	200	06/07/10 16:58	
EPA 6010B	Manganese	92.9	ug/L	5.0	06/07/10 16:58	
EPA 6010B	Potassium	753	ug/L	500	06/07/10 16:58	
EPA 6010B	Silver	1.4	ug/L	1.0	06/07/10 16:58	
EPA 6010B	Sodium	4020	ug/L	1000	06/07/10 16:58	
EPA 6010	Barium, Dissolved	44.7	ug/L	10.0	06/13/10 14:11	
EPA 6010	Calcium, Dissolved	9580	ug/L	1000	06/13/10 14:11	
EPA 6010	Magnesium, Dissolved	1830	ug/L	200	06/13/10 14:11	
EPA 6010	Manganese, Dissolved	24.9	ug/L	5.0	06/13/10 14:11	
EPA 6010	Potassium, Dissolved	620	ug/L	500	06/13/10 14:11	
EPA 6010	Sodium, Dissolved	4200	ug/L	1000	06/13/10 14:11	
SM 2320B	Alkalinity, Total as CaCO3	14.0	mg/L	10.0	06/08/10 20:35	
SM 2540C	Total Dissolved Solids	126	mg/L	10.0	05/28/10 19:00	
SM 4500-H+B	pH at 25 Degrees C	5.8	Std. Units	1.0	05/27/10 21:20	H6
EPA 350.1	Ammonia, Distilled	0.11	mg/L	0.10	05/29/10 00:00	
SM 4500-Cl-E	Chloride	12.1	mg/L	3.0	06/08/10 10:57	
3028462002	**[redacted]DW SEEP**					
EPA 6010B	Barium	62.8	ug/L	10.0	06/07/10 17:01	
EPA 6010B	Calcium	8900	ug/L	1000	06/07/10 17:01	
EPA 6010B	Magnesium	1810	ug/L	200	06/07/10 17:01	
EPA 6010B	Manganese	8.9	ug/L	5.0	06/07/10 17:01	
EPA 6010B	Potassium	618	ug/L	500	06/07/10 17:01	
EPA 6010B	Sodium	2020	ug/L	1000	06/07/10 17:01	
EPA 6010	Barium, Dissolved	57.4	ug/L	10.0	06/13/10 14:15	
EPA 6010	Calcium, Dissolved	8620	ug/L	1000	06/13/10 14:15	
EPA 6010	Magnesium, Dissolved	1690	ug/L	200	06/13/10 14:15	
EPA 6010	Manganese, Dissolved	10.7	ug/L	5.0	06/13/10 14:15	
EPA 6010	Sodium, Dissolved	2050	ug/L	1000	06/13/10 14:15	
SM 2320B	Alkalinity, Total as CaCO3	10.0	mg/L	10.0	06/08/10 20:35	
SM 2540C	Total Dissolved Solids	83.0	mg/L	10.0	05/28/10 19:00	
SM 4500-H+B	pH at 25 Degrees C	5.6	Std. Units	1.0	05/27/10 21:20	H6
SM 4500-Cl-E	Chloride	4.0	mg/L	3.0	06/08/10 10:58	
3028462005	**[redacted]-DN**					
EPA 6010B	Aluminum	1480	ug/L	50.0	06/07/10 17:17	
EPA 6010B	Barium	50.6	ug/L	10.0	06/07/10 17:17	
EPA 6010B	Calcium	16900	ug/L	1000	06/07/10 17:17	
EPA 6010B	Iron	2080	ug/L	50.0	06/07/10 17:17	
EPA 6010B	Magnesium	2420	ug/L	200	06/07/10 17:17	
EPA 6010B	Manganese	184	ug/L	5.0	06/07/10 17:17	
EPA 6010B	Potassium	973	ug/L	500	06/07/10 17:17	
EPA 6010B	Silver	1.2	ug/L	1.0	06/07/10 17:17	

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Project: KLG
Pace Project No.: 3028462

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028462005	[redacted]DN					
EPA 6010B	Sodium	2390	ug/L	1000	06/07/10 17:17	
EPA 6010	Barium, Dissolved	30.2	ug/L	10.0	06/13/10 17:40	
EPA 6010	Calcium, Dissolved	16100	ug/L	1000	06/13/10 17:40	
EPA 6010	Iron, Dissolved	54.8	ug/L	50.0	06/13/10 17:40	
EPA 6010	Magnesium, Dissolved	1940	ug/L	200	06/13/10 17:40	
EPA 6010	Manganese, Dissolved	7.7	ug/L	5.0	06/13/10 17:40	
EPA 6010	Potassium, Dissolved	628	ug/L	500	06/13/10 17:40	
EPA 6010	Sodium, Dissolved	2890	ug/L	1000	06/13/10 17:40	
SM 2320B	Alkalinity, Total as CaCO3	36.0	mg/L	10.0	06/09/10 20:10	
SM 2540C	Total Dissolved Solids	106	mg/L	10.0	05/28/10 19:00	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	1.0	05/27/10 21:20	H6
SM 4500-Cl-E	Chloride	4.8	mg/L	3.0	06/08/10 10:59	
3028462006	[redacted]UP					
EPA 6010B	Aluminum	291	ug/L	50.0	06/07/10 17:20	
EPA 6010B	Barium	34.8	ug/L	10.0	06/07/10 17:20	
EPA 6010B	Calcium	16900	ug/L	1000	06/07/10 17:20	
EPA 6010B	Iron	481	ug/L	50.0	06/07/10 17:20	
EPA 6010B	Magnesium	2160	ug/L	200	06/07/10 17:20	
EPA 6010B	Manganese	49.8	ug/L	5.0	06/07/10 17:20	
EPA 6010B	Potassium	623	ug/L	500	06/07/10 17:20	
EPA 6010B	Sodium	2530	ug/L	1000	06/07/10 17:20	
EPA 6010	Barium, Dissolved	29.7	ug/L	10.0	06/13/10 17:44	
EPA 6010	Calcium, Dissolved	16500	ug/L	1000	06/13/10 17:44	
EPA 6010	Iron, Dissolved	60.4	ug/L	50.0	06/13/10 17:44	
EPA 6010	Magnesium, Dissolved	1980	ug/L	200	06/13/10 17:44	
EPA 6010	Manganese, Dissolved	6.2	ug/L	5.0	06/13/10 17:44	
EPA 6010	Potassium, Dissolved	563	ug/L	500	06/13/10 17:44	
EPA 6010	Sodium, Dissolved	2760	ug/L	1000	06/13/10 17:44	
SM 2320B	Alkalinity, Total as CaCO3	42.0	mg/L	10.0	06/09/10 20:10	
SM 2540C	Total Dissolved Solids	89.0	mg/L	10.0	05/28/10 19:00	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	1.0	05/27/10 21:20	H6
SM 4500-Cl-E	Chloride	4.6	mg/L	3.0	06/08/10 11:00	
3028462008	[redacted]DW SEEP D					
EPA 6010B	Barium	62.2	ug/L	10.0	06/07/10 17:23	
EPA 6010B	Calcium	8930	ug/L	1000	06/07/10 17:23	
EPA 6010B	Magnesium	1800	ug/L	200	06/07/10 17:23	
EPA 6010B	Manganese	10.1	ug/L	5.0	06/07/10 17:23	
EPA 6010B	Potassium	625	ug/L	500	06/07/10 17:23	
EPA 6010B	Sodium	2140	ug/L	1000	06/07/10 17:23	
EPA 6010	Barium, Dissolved	54.1	ug/L	10.0	06/13/10 17:48	
EPA 6010	Calcium, Dissolved	8460	ug/L	1000	06/13/10 17:48	
EPA 6010	Magnesium, Dissolved	1620	ug/L	200	06/13/10 17:48	
EPA 6010	Potassium, Dissolved	643	ug/L	500	06/13/10 17:48	
EPA 6010	Sodium, Dissolved	2290	ug/L	1000	06/13/10 17:48	
SM 2320B	Alkalinity, Total as CaCO3	20.0	mg/L	10.0	06/09/10 20:10	
SM 2540C	Total Dissolved Solids	76.0	mg/L	10.0	06/01/10 20:00	

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HITS ONLY

Project: KLG
Pace Project No.: 3028462

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028462008	**[redacted]DW SEEP D**					
SM 4500-H+B	pH at 25 Degrees C	6.9	Std. Units	1.0	05/28/10 21:30	H6
SM 4500-Cl-E	Chloride	3.9	mg/L	3.0	06/08/10 11:00	

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 8015B Modified**
Description: 8015 GCS THC-Diesel
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 8015B Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/2530

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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CABOT-EPA 005242

DIM0223739 DIM0224635

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 5030/8015 Mod.**
Description: Gasoline Range Organics
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 5030/8015 Mod.. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3005 with any exceptions noted below.

Initial Calibrations (Including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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DIM0223739 DIM0224637

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: EPA 6010
Description: 6010 MET ICP, Lab Filtered
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3005 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3974

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028424017,3028531003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 178083)
  - Sodium, Dissolved

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: EPA 7470
Description: 7470 Mercury
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: EPA 7470
Description: 7470 Mercury, Lab Filtered
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 7470. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: EPA 8270
Description: 8270 MSSV Semivolatile Organic
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSSV/2141

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
6 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/6023

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 177164)
  - Bromoform
  - Chloroethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6023

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028462001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 177165)
  - 1,2-Dichloroethane
  - Bromoform
  - Bromomethane
  - Dibromochloromethane
  - n-Butylbenzene
- MSD (Lab ID: 177166)
  - Bromodichloromethane

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 8260**
Description: 8260 MSV
Client: URS Corporation - PGH PA
Date: June 14, 2010

QC Batch: MSV/6023

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028462001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Bromoform
- Chloroethane
- Dibromochloromethane
- cis-1,3-Dichloropropene
- trans-1,3-Dichloropropene

R1: RPD value was outside control limits.

- MSD (Lab ID: 177166)
  - Chloroethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: EPA 8260
Description: 8260 MSV PA UST
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 1664A**
Description: HEM, Oil and Grease
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 1664A. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 1664A**
Description: 1664 SGT-HEM, TPH
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 1664A. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 2310B**
Description: 2310B Acidity, Total
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 2310B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: WET/5858

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 179744)
  - Acidity, Total

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 2320B**
Description: 2320B Alkalinity
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 2320B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 2540C**
Description: 2540C Total Dissolved Solids
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 2540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 4500-H+B**
Description: 4500H+ pH, Electrometric
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 4500-H+B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H6: Analysis initiated more than 15 minutes after sample collection.

- [redacted]DN (Lab ID: 3028462005)
- [redacted]UP (Lab ID: 3028462006)
- [redacted]W SEEP (Lab ID: 3028462002)
- [redacted]W SEEP D (Lab ID: 3028462008)
- [redacted]POND (Lab ID: 3028462001)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **EPA 350.1**
Description: 350.1 Ammonia, Distilled
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:
Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028462

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
5 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WETA/4431

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028661011

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 179527)
  - Chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]POND **Lab ID: 3028462001** Collected: 05/26/10 16:35 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3510							
Diesel Components	ND	mg/L	0.11	1	06/01/10 09:30	06/01/10 16:51		
o-Terphenyl (S)	65	%	50-150	1	06/01/10 09:30	06/01/10 16:51	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
TPH (C06-C10)	ND	ug/L	200	1		06/03/10 22:51		
4-Bromofluorobenzene (S)	112	%	70-130	1		06/03/10 22:51	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3005							
Aluminum	**111**	ug/L	50.0	1	06/01/10 17:07	06/07/10 16:58	7429-90-5	
Antimony	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-36-0	
Arsenic	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-38-2	
Barium	**53.4**	ug/L	10.0	1	06/01/10 17:07	06/07/10 16:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 16:58	7440-41-7	
Boron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 16:58	7440-42-8	
Cadmium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 16:58	7440-43-9	
Calcium	**10000**	ug/L	1000	1	06/01/10 17:07	06/07/10 16:58	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-48-4	
Copper	**5.8**	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-50-8	
Iron	**264**	ug/L	50.0	1	06/01/10 17:07	06/07/10 16:58	7439-89-6	
Lead	ND	ug/L	2.0	1	06/01/10 17:07	06/07/10 16:58	7439-92-1	
Magnesium	**1980**	ug/L	200	1	06/01/10 17:07	06/07/10 16:58	7439-95-4	
Manganese	**92.9**	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7439-96-5	
Molybdenum	ND	ug/L	20.0	1	06/01/10 17:07	06/07/10 16:58	7439-98-7	
Nickel	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 16:58	7440-02-0	
Potassium	**753**	ug/L	500	1	06/01/10 17:07	06/07/10 16:58	7440-09-7	
Selenium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7782-49-2	
Silver	**1.4**	ug/L	1.0	1	06/01/10 17:07	06/07/10 16:58	7440-22-4	
Sodium	**4020**	ug/L	1000	1	06/01/10 17:07	06/07/10 16:58	7440-23-5	
Thallium	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 16:58	7440-28-0	
Vanadium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 16:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 16:58	7440-66-6	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Aluminum, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:11	7429-90-5	
Antimony, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-36-0	
Arsenic, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-38-2	
Barium, Dissolved	**44.7**	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:11	7440-39-3	
Beryllium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:11	7440-41-7	
Boron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:11	7440-42-8	
Cadmium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:11	7440-43-9	
Calcium, Dissolved	**9580**	ug/L	1000	1	06/03/10 16:32	06/13/10 14:11	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-47-3	
Cobalt, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-48-4	
Copper, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-50-8	
Iron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:11	7439-89-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]POND **Lab ID: 3028462001** Collected: 05/26/10 16:35 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Lead, Dissolved	ND	ug/L	2.0	1	06/03/10 16:32	06/13/10 14:11	7439-92-1	
Magnesium, Dissolved	**1830**	ug/L	200	1	06/03/10 16:32	06/13/10 14:11	7439-95-4	
Manganese, Dissolved	**24.9**	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/03/10 16:32	06/13/10 14:11	7439-98-7	
Nickel, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:11	7440-02-0	
Potassium, Dissolved	**620**	ug/L	500	1	06/03/10 16:32	06/13/10 14:11	7440-09-7	
Selenium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7782-49-2	
Silver, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:11	7440-22-4	
Sodium, Dissolved	**4200**	ug/L	1000	1	06/03/10 16:32	06/13/10 14:11	7440-23-5	
Thallium, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:11	7440-28-0	
Vanadium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:11	7440-62-2	
Zinc, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:11	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/01/10 09:59	06/02/10 10:09	7439-97-6	
7470 Mercury, Lab Filtered	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/01/10 16:13	06/02/10 12:51	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	120-82-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	106-46-7	
1-Methylnaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	90-12-0	
2,4,5-Trichlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	120-83-2	
2,4-Dimethylphenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	105-67-9	
2,4-Dinitrophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	606-20-2	
2-Chloronaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	91-58-7	
2-Chlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	95-57-8	
2-Methylnaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	95-48-7	
2-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	88-74-4	
2-Nitrophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.1	1	06/01/10 09:30	06/01/10 15:53		
3,3'-Dichlorobenzidine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	91-94-1	
3-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	534-52-1	
4-Bromophenylphenyl ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	101-55-3	
4-Chloro-3-methylphenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	59-50-7	
4-Chloroaniline	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	7005-72-3	

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]POND **Lab ID: 3028462001** Collected: 05/26/10 16:35 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	100-01-6	
4-Nitrophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	100-02-7	
Acenaphthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	208-96-8	
Anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	120-12-7	
Azobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	103-33-3	
Benzo(a)anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	207-08-9	
Benzoic acid	ND	ug/L	105	1	06/01/10 09:30	06/01/10 15:53	65-85-0	
Benzyl alcohol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	100-51-6	
Butylbenzylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	85-68-7	
Carbazole	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	86-74-8	
Chrysene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	218-01-9	
Di-n-butylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	84-74-2	
Di-n-octylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	117-84-0	
Dibenz(a,h)anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	53-70-3	
Dibenzofuran	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	132-64-9	
Diethylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	84-66-2	
Dimethylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	131-11-3	
Fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	206-44-0	
Fluorene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	87-68-3	
Hexachlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	77-47-4	
Hexachloroethane	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	193-39-5	
Isophorone	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	78-59-1	
N-Nitroso-di-n-propylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	621-64-7	
N-Nitrosodimethylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	62-75-9	
N-Nitrosodiphenylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	86-30-6	
Naphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	91-20-3	
Nitrobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	98-95-3	
Pentachlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 15:53	87-86-5	
Phenanthrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	85-01-8	
Phenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	108-95-2	
Pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 15:53	117-81-7	
Nitrobenzene-d5 (S)	53	%	35-114	1	06/01/10 09:30	06/01/10 15:53	4165-60-0	
2-Fluorobiphenyl (S)	57	%	43-116	1	06/01/10 09:30	06/01/10 15:53	321-60-8	
Terphenyl-d14 (S)	93	%	33-141	1	06/01/10 09:30	06/01/10 15:53	1718-51-0	
Phenol-d6 (S)	20	%	10-110	1	06/01/10 09:30	06/01/10 15:53	13127-88-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]POND **Lab ID: 3028462001** Collected: 05/26/10 16:35 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Fluorophenol (S)	32	%	21-110	1	06/01/10 09:30	06/01/10 15:53	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-123	1	06/01/10 09:30	06/01/10 15:53	118-79-6	
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:25	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 13:25	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:25	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:25	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:25	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:25	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 13:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:25	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 13:25	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 13:25	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:25	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 13:25	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 13:25	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 13:25	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 13:25	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 13:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 13:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 13:25	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 13:25	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 13:25	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 13:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 13:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 13:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 13:25	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 13:25	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 13:25	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 13:25	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 13:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 13:25	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 13:25	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 13:25	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 13:25	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 13:25	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 13:25	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 13:25	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 13:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 13:25	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:25	156-59-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]POND **Lab ID: 3028462001** Collected: 05/26/10 16:35 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:25	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 13:25	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	103-65-1	
o-Xylene	ND	ug/L	1.0	1		06/02/10 13:25	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 13:25	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:25	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:25	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:25	10061-02-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/10 13:25	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		06/02/10 13:25	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		06/02/10 13:25	2037-26-5	
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	ND	mg/L	5.2	1		06/06/10 12:55		
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	4.8	1		06/01/10 07:38		
2310B Acidity, Total	Analytical Method: SM 2310B							
Acidity, Total	ND	mg/L	10.0	1		06/09/10 21:00		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**14.0**	mg/L	10.0	1		06/08/10 20:35		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**126**	mg/L	10.0	1		05/28/10 19:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**5.8**	Std. Units	1.0	1		05/27/10 21:20		H6
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/27/10 11:25		
350.1 Ammonia, Distilled	Analytical Method: EPA 350.1							
Ammonia, Distilled	**0.11**	mg/L	0.10	1		05/29/10 00:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**12.1**	mg/L	3.0	1		06/08/10 10:57	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP **Lab ID: 3028462002** Collected: 05/26/10 16:00 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3510							
Diesel Components	ND	mg/L	0.11	1	06/01/10 09:30	06/01/10 17:00		
o-Terphenyl (S)	64	%	50-150	1	06/01/10 09:30	06/01/10 17:00	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
TPH (C06-C10)	ND	ug/L	200	1		06/03/10 23:08		
4-Bromofluorobenzene (S)	110	%	70-130	1		06/03/10 23:08	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3005							
Aluminum	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:01	7429-90-5	
Antimony	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-36-0	
Arsenic	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-38-2	
Barium	**62.8**	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:01	7440-41-7	
Boron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:01	7440-42-8	
Cadmium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:01	7440-43-9	
Calcium	**8900**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:01	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-47-3	
Cobalt	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-48-4	
Copper	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-50-8	
Iron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:01	7439-89-6	
Lead	ND	ug/L	2.0	1	06/01/10 17:07	06/07/10 17:01	7439-92-1	
Magnesium	**1810**	ug/L	200	1	06/01/10 17:07	06/07/10 17:01	7439-95-4	
Manganese	**8.9**	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7439-96-5	
Molybdenum	ND	ug/L	20.0	1	06/01/10 17:07	06/07/10 17:01	7439-98-7	
Nickel	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:01	7440-02-0	
Potassium	**618**	ug/L	500	1	06/01/10 17:07	06/07/10 17:01	7440-09-7	
Selenium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7782-49-2	
Silver	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:01	7440-22-4	
Sodium	**2020**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:01	7440-23-5	
Thallium	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:01	7440-28-0	
Vanadium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:01	7440-62-2	
Zinc	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:01	7440-66-6	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Aluminum, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:15	7429-90-5	
Antimony, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-36-0	
Arsenic, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-38-2	
Barium, Dissolved	**57.4**	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:15	7440-39-3	
Beryllium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:15	7440-41-7	
Boron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:15	7440-42-8	
Cadmium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:15	7440-43-9	
Calcium, Dissolved	**8620**	ug/L	1000	1	06/03/10 16:32	06/13/10 14:15	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-47-3	
Cobalt, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-48-4	
Copper, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-50-8	
Iron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 14:15	7439-89-6	

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CABOT-EPA 005266

DIM0223739 DIM0224659

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP **Lab ID: 3028462002** Collected: 05/26/10 16:00 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Lead, Dissolved	ND	ug/L	2.0	1	06/03/10 16:32	06/13/10 14:15	7439-92-1	
Magnesium, Dissolved	**1690**	ug/L	200	1	06/03/10 16:32	06/13/10 14:15	7439-95-4	
Manganese, Dissolved	**10.7**	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/03/10 16:32	06/13/10 14:15	7439-98-7	
Nickel, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:15	7440-02-0	
Potassium, Dissolved	ND	ug/L	500	1	06/03/10 16:32	06/13/10 14:15	7440-09-7	
Selenium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7782-49-2	
Silver, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:15	7440-22-4	
Sodium, Dissolved	**2050**	ug/L	1000	1	06/03/10 16:32	06/13/10 14:15	7440-23-5	
Thallium, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:15	7440-28-0	
Vanadium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 14:15	7440-62-2	
Zinc, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 14:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/01/10 09:59	06/02/10 10:10	7439-97-6	
7470 Mercury, Lab Filtered	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/01/10 16:13	06/02/10 12:53	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	120-82-1	
1,2-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	106-46-7	
1-Methylnaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	90-12-0	
2,4,5-Trichlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	120-83-2	
2,4-Dimethylphenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	105-67-9	
2,4-Dinitrophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	606-20-2	
2-Chloronaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	91-58-7	
2-Chlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	95-57-8	
2-Methylnaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	95-48-7	
2-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	88-74-4	
2-Nitrophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.1	1	06/01/10 09:30	06/01/10 16:16		
3,3'-Dichlorobenzidine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	91-94-1	
3-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	534-52-1	
4-Bromophenylphenyl ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	101-55-3	
4-Chloro-3-methylphenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	59-50-7	
4-Chloroaniline	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	7005-72-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP **Lab ID: 3028462002** Collected: 05/26/10 16:00 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	100-01-6	
4-Nitrophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	100-02-7	
Acenaphthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	83-32-9	
Acenaphthylene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	208-96-8	
Anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	120-12-7	
Azobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	103-33-3	
Benzo(a)anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	207-08-9	
Benzoic acid	ND	ug/L	105	1	06/01/10 09:30	06/01/10 16:16	65-85-0	
Benzyl alcohol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	100-51-6	
Butylbenzylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	85-68-7	
Carbazole	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	86-74-8	
Chrysene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	218-01-9	
Di-n-butylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	84-74-2	
Di-n-octylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	117-84-0	
Dibenz(a,h)anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	53-70-3	
Dibenzofuran	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	132-64-9	
Diethylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	84-66-2	
Dimethylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	131-11-3	
Fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	206-44-0	
Fluorene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	87-68-3	
Hexachlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	77-47-4	
Hexachloroethane	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	193-39-5	
Isophorone	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	78-59-1	
N-Nitroso-di-n-propylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	621-64-7	
N-Nitrosodimethylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	62-75-9	
N-Nitrosodiphenylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	86-30-6	
Naphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	91-20-3	
Nitrobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	98-95-3	
Pentachlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 16:16	87-86-5	
Phenanthrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	85-01-8	
Phenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	108-95-2	
Pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 16:16	117-81-7	
Nitrobenzene-d5 (S)	45	%	35-114	1	06/01/10 09:30	06/01/10 16:16	4165-60-0	
2-Fluorobiphenyl (S)	50	%	43-116	1	06/01/10 09:30	06/01/10 16:16	321-60-8	
Terphenyl-d14 (S)	79	%	33-141	1	06/01/10 09:30	06/01/10 16:16	1718-51-0	
Phenol-d6 (S)	18	%	10-110	1	06/01/10 09:30	06/01/10 16:16	13127-88-3	

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CABOT-EPA 005268

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP **Lab ID: 3028462002** Collected: 05/26/10 16:00 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Fluorophenol (S)	27	%	21-110	1	06/01/10 09:30	06/01/10 16:16	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-123	1	06/01/10 09:30	06/01/10 16:16	118-79-6	
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:50	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 13:50	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:50	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:50	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:50	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:50	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 13:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:50	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:50	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 13:50	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 13:50	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:50	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 13:50	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 13:50	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 13:50	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 13:50	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 13:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 13:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 13:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 13:50	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 13:50	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 13:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 13:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 13:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 13:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 13:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 13:50	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 13:50	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 13:50	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 13:50	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 13:50	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 13:50	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 13:50	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 13:50	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 13:50	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 13:50	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 13:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 13:50	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:50	156-59-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]-DW SEEP **Lab ID: 3028462002** Collected: 05/26/10 16:00 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:50	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 13:50	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	103-65-1	
o-Xylene	ND	ug/L	1.0	1		06/02/10 13:50	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 13:50	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:50	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:50	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:50	10061-02-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 13:50	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		06/02/10 13:50	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		06/02/10 13:50	2037-26-5	
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	ND	mg/L	4.9	1		06/06/10 12:55		
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	4.8	1		06/01/10 07:38		
2310B Acidity, Total	Analytical Method: SM 2310B							
Acidity, Total	ND	mg/L	10.0	1		06/09/10 21:00		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**10.0**	mg/L	10.0	1		06/08/10 20:35		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**83.0**	mg/L	10.0	1		05/28/10 19:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**5.6**	Std. Units	1.0	1		05/27/10 21:20		H6
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/27/10 11:25		
350.1 Ammonia, Distilled	Analytical Method: EPA 350.1							
Ammonia, Distilled	ND	mg/L	0.10	1		05/29/10 00:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4.0**	mg/L	3.0	1		06/08/10 10:58	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]6-UP **Lab ID: 3028462003** Collected: 05/26/10 14:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/02/10 03:37	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 03:37	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 03:37	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 03:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/02/10 03:37	91-20-3	
Toluene	ND	ug/L	1.0	1		06/02/10 03:37	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 03:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 03:37	108-67-8	
Toluene-d8 (S)	99	%	70-130	1		06/02/10 03:37	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/02/10 03:37	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		06/02/10 03:37	17060-07-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]6-DN **Lab ID: 3028462004** Collected: 05/26/10 15:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/02/10 04:03	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 04:03	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 04:03	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 04:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/02/10 04:03	91-20-3	
Toluene	ND	ug/L	1.0	1		06/02/10 04:03	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 04:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 04:03	108-67-8	
Toluene-d8 (S)	101	%	70-130	1		06/02/10 04:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/02/10 04:03	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/02/10 04:03	17060-07-0	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DN **Lab ID: 3028462005** Collected: 05/26/10 10:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3510							
Diesel Components	ND	mg/L	0.11	1	06/01/10 09:30	06/01/10 17:08		
o-Terphenyl (S)	54	%	50-150	1	06/01/10 09:30	06/01/10 17:08	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
TPH (C06-C10)	ND	ug/L	200	1		06/03/10 23:25		
4-Bromofluorobenzene (S)	116	%	70-130	1		06/03/10 23:25	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3005							
Aluminum	**1480**	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:17	7429-90-5	
Antimony	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-36-0	
Arsenic	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-38-2	
Barium	**50.6**	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:17	7440-39-3	
Beryllium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:17	7440-41-7	
Boron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:17	7440-42-8	
Cadmium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:17	7440-43-9	
Calcium	**16900**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:17	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-47-3	
Cobalt	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-48-4	
Copper	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-50-8	
Iron	**2080**	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:17	7439-89-6	
Lead	ND	ug/L	2.0	1	06/01/10 17:07	06/07/10 17:17	7439-92-1	
Magnesium	**2420**	ug/L	200	1	06/01/10 17:07	06/07/10 17:17	7439-95-4	
Manganese	**184**	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7439-96-5	
Molybdenum	ND	ug/L	20.0	1	06/01/10 17:07	06/07/10 17:17	7439-98-7	
Nickel	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:17	7440-02-0	
Potassium	**973**	ug/L	500	1	06/01/10 17:07	06/07/10 17:17	7440-09-7	
Selenium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7782-49-2	
Silver	**1.2**	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:17	7440-22-4	
Sodium	**2390**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:17	7440-23-5	
Thallium	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:17	7440-28-0	
Vanadium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:17	7440-62-2	
Zinc	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:17	7440-66-6	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Aluminum, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:40	7429-90-5	
Antimony, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-36-0	
Arsenic, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-38-2	
Barium, Dissolved	**30.2**	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:40	7440-39-3	
Beryllium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:40	7440-41-7	
Boron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:40	7440-42-8	
Cadmium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:40	7440-43-9	
Calcium, Dissolved	**16100**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:40	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-47-3	
Cobalt, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-48-4	
Copper, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-50-8	
Iron, Dissolved	**54.8**	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:40	7439-89-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DN **Lab ID: 3028462005** Collected: 05/26/10 10:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Lead, Dissolved	ND	ug/L	2.0	1	06/03/10 16:32	06/13/10 17:40	7439-92-1	
Magnesium, Dissolved	**1940**	ug/L	200	1	06/03/10 16:32	06/13/10 17:40	7439-95-4	
Manganese, Dissolved	**7.7**	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/03/10 16:32	06/13/10 17:40	7439-98-7	
Nickel, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:40	7440-02-0	
Potassium, Dissolved	**628**	ug/L	500	1	06/03/10 16:32	06/13/10 17:40	7440-09-7	
Selenium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7782-49-2	
Silver, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:27	7440-22-4	
Sodium, Dissolved	**2890**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:40	7440-23-5	
Thallium, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:40	7440-28-0	
Vanadium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:40	7440-62-2	
Zinc, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:40	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/01/10 09:59	06/02/10 10:12	7439-97-6	
7470 Mercury, Lab Filtered	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/01/10 16:13	06/02/10 12:54	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	120-82-1	
1,2-Dichlorobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	106-46-7	
1-Methylnaphthalene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	90-12-0	
2,4,5-Trichlorophenol	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	120-83-2	
2,4-Dimethylphenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	105-67-9	
2,4-Dinitrophenol	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	606-20-2	
2-Chloronaphthalene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	91-58-7	
2-Chlorophenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	95-57-8	
2-Methylnaphthalene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	95-48-7	
2-Nitroaniline	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	88-74-4	
2-Nitrophenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.4	1	06/01/10 09:30	06/01/10 16:39		
3,3'-Dichlorobenzidine	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	91-94-1	
3-Nitroaniline	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	534-52-1	
4-Bromophenylphenyl ether	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	101-55-3	
4-Chloro-3-methylphenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	59-50-7	
4-Chloroaniline	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	7005-72-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DN **Lab ID: 3028462005** Collected: 05/26/10 10:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	100-01-6	
4-Nitrophenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	100-02-7	
Acenaphthene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	83-32-9	
Acenaphthylene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	208-96-8	
Anthracene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	120-12-7	
Azobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	103-33-3	
Benzo(a)anthracene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	207-08-9	
Benzoic acid	ND	ug/L	119	1	06/01/10 09:30	06/01/10 16:39	65-85-0	
Benzyl alcohol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	100-51-6	
Butylbenzylphthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	85-68-7	
Carbazole	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	86-74-8	
Chrysene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	218-01-9	
Di-n-butylphthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	84-74-2	
Di-n-octylphthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	117-84-0	
Dibenz(a,h)anthracene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	53-70-3	
Dibenzofuran	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	132-64-9	
Diethylphthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	84-66-2	
Dimethylphthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	131-11-3	
Fluoranthene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	206-44-0	
Fluorene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	87-68-3	
Hexachlorobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	77-47-4	
Hexachloroethane	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	193-39-5	
Isophorone	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	78-59-1	
N-Nitroso-di-n-propylamine	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	621-64-7	
N-Nitrosodimethylamine	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	62-75-9	
N-Nitrosodiphenylamine	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	86-30-6	
Naphthalene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	91-20-3	
Nitrobenzene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	98-95-3	
Pentachlorophenol	ND	ug/L	3.0	1	06/01/10 09:30	06/01/10 16:39	87-86-5	
Phenanthrene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	85-01-8	
Phenol	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	108-95-2	
Pyrene	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.2	1	06/01/10 09:30	06/01/10 16:39	117-81-7	
Nitrobenzene-d5 (S)	54	%	35-114	1	06/01/10 09:30	06/01/10 16:39	4165-60-0	
2-Fluorobiphenyl (S)	59	%	43-116	1	06/01/10 09:30	06/01/10 16:39	321-60-8	
Terphenyl-d14 (S)	94	%	33-141	1	06/01/10 09:30	06/01/10 16:39	1718-51-0	
Phenol-d6 (S)	25	%	10-110	1	06/01/10 09:30	06/01/10 16:39	13127-88-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]-DN **Lab ID: 3028462005** Collected: 05/26/10 10:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Fluorophenol (S)	32	%	21-110	1	06/01/10 09:30	06/01/10 16:39	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-123	1	06/01/10 09:30	06/01/10 16:39	118-79-6	
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 14:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 14:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 14:16	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 14:16	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:16	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 14:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:16	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 14:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 14:16	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 14:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:16	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 14:16	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 14:16	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 14:16	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 14:16	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 14:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 14:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 14:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 14:16	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 14:16	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 14:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 14:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 14:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 14:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 14:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 14:16	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 14:16	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 14:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 14:16	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 14:16	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 14:16	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 14:16	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 14:16	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 14:16	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 14:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 14:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 14:16	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:16	156-59-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DN **Lab ID: 3028462005** Collected: 05/26/10 10:30 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 14:16	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 14:16	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	103-65-1	
o-Xylene	ND	ug/L	1.0	1		06/02/10 14:16	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 14:16	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 14:16	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 14:16	10061-02-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 14:16	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		06/02/10 14:16	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		06/02/10 14:16	2037-26-5	
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	ND	mg/L	4.9	1		06/06/10 12:55		
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	4.8	1		06/01/10 07:38		
2310B Acidity, Total	Analytical Method: SM 2310B							
Acidity, Total	ND	mg/L	10.0	1		06/09/10 21:00		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**36.0**	mg/L	10.0	1		06/09/10 20:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**106**	mg/L	10.0	1		05/28/10 19:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.6**	Std. Units	1.0	1		05/27/10 21:20		H6
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/27/10 11:25		
350.1 Ammonia, Distilled	Analytical Method: EPA 350.1							
Ammonia, Distilled	ND	mg/L	0.10	1		05/29/10 00:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4.8**	mg/L	3.0	1		06/08/10 10:59	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]UP **Lab ID: 3028462006** Collected: 05/26/10 10:45 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3510							
Diesel Components	ND	mg/L	0.11	1	06/01/10 09:30	06/01/10 17:16		
o-Terphenyl (S)	60	%	50-150	1	06/01/10 09:30	06/01/10 17:16	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
TPH (C06-C10)	ND	ug/L	200	1		06/03/10 23:42		
4-Bromofluorobenzene (S)	107	%	70-130	1		06/03/10 23:42	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3005							
Aluminum	**291**	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:20	7429-90-5	
Antimony	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-36-0	
Arsenic	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-38-2	
Barium	**34.8**	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:20	7440-41-7	
Boron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:20	7440-42-8	
Cadmium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:20	7440-43-9	
Calcium	**16900**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:20	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-47-3	
Cobalt	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-48-4	
Copper	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-50-8	
Iron	**481**	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:20	7439-89-6	
Lead	ND	ug/L	2.0	1	06/01/10 17:07	06/07/10 17:20	7439-92-1	
Magnesium	**2160**	ug/L	200	1	06/01/10 17:07	06/07/10 17:20	7439-95-4	
Manganese	**49.8**	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7439-96-5	
Molybdenum	ND	ug/L	20.0	1	06/01/10 17:07	06/07/10 17:20	7439-98-7	
Nickel	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:20	7440-02-0	
Potassium	**623**	ug/L	500	1	06/01/10 17:07	06/07/10 17:20	7440-09-7	
Selenium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7782-49-2	
Silver	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:20	7440-22-4	
Sodium	**2530**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:20	7440-23-5	
Thallium	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:20	7440-28-0	
Vanadium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:20	7440-62-2	
Zinc	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:20	7440-66-6	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Aluminum, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:44	7429-90-5	
Antimony, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-36-0	
Arsenic, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-38-2	
Barium, Dissolved	**29.7**	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:44	7440-39-3	
Beryllium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:44	7440-41-7	
Boron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:44	7440-42-8	
Cadmium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:44	7440-43-9	
Calcium, Dissolved	**16500**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:44	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-47-3	
Cobalt, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-48-4	
Copper, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-50-8	
Iron, Dissolved	**60.4**	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:44	7439-89-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]UP **Lab ID: 3028462006** Collected: 05/26/10 10:45 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Lead, Dissolved	ND	ug/L	2.0	1	06/03/10 16:32	06/13/10 17:44	7439-92-1	
Magnesium, Dissolved	**1980**	ug/L	200	1	06/03/10 16:32	06/13/10 17:44	7439-95-4	
Manganese, Dissolved	**6.2**	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/03/10 16:32	06/13/10 17:44	7439-98-7	
Nickel, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:44	7440-02-0	
Potassium, Dissolved	**563**	ug/L	500	1	06/03/10 16:32	06/13/10 17:44	7440-09-7	
Selenium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7782-49-2	
Silver, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:30	7440-22-4	
Sodium, Dissolved	**2760**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:44	7440-23-5	
Thallium, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:44	7440-28-0	
Vanadium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:44	7440-62-2	
Zinc, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:44	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/01/10 09:59	06/02/10 10:14	7439-97-6	
7470 Mercury, Lab Filtered	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/01/10 16:13	06/02/10 13:03	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	120-82-1	
1,2-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	106-46-7	
1-Methylnaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	90-12-0	
2,4,5-Trichlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	120-83-2	
2,4-Dimethylphenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	105-67-9	
2,4-Dinitrophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	606-20-2	
2-Chloronaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	91-58-7	
2-Chlorophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	95-57-8	
2-Methylnaphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	95-48-7	
2-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	88-74-4	
2-Nitrophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.1	1	06/01/10 09:30	06/01/10 17:02		
3,3'-Dichlorobenzidine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	91-94-1	
3-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	534-52-1	
4-Bromophenylphenyl ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	101-55-3	
4-Chloro-3-methylphenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	59-50-7	
4-Chloroaniline	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	7005-72-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]-UP **Lab ID: 3028462006** Collected: 05/26/10 10:45 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	100-01-6	
4-Nitrophenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	100-02-7	
Acenaphthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	208-96-8	
Anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	120-12-7	
Azobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	103-33-3	
Benzo(a)anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	207-08-9	
Benzoic acid	ND	ug/L	103	1	06/01/10 09:30	06/01/10 17:02	65-85-0	
Benzyl alcohol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	100-51-6	
Butylbenzylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	85-68-7	
Carbazole	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	86-74-8	
Chrysene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	218-01-9	
Di-n-butylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	84-74-2	
Di-n-octylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	117-84-0	
Dibenz(a,h)anthracene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	53-70-3	
Dibenzofuran	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	132-64-9	
Diethylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	84-66-2	
Dimethylphthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	131-11-3	
Fluoranthene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	206-44-0	
Fluorene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	87-68-3	
Hexachlorobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	77-47-4	
Hexachloroethane	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	193-39-5	
Isophorone	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	78-59-1	
N-Nitroso-di-n-propylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	621-64-7	
N-Nitrosodimethylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	62-75-9	
N-Nitrosodiphenylamine	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	86-30-6	
Naphthalene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	91-20-3	
Nitrobenzene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	98-95-3	
Pentachlorophenol	ND	ug/L	2.6	1	06/01/10 09:30	06/01/10 17:02	87-86-5	
Phenanthrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	85-01-8	
Phenol	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	108-95-2	
Pyrene	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.0	1	06/01/10 09:30	06/01/10 17:02	117-81-7	
Nitrobenzene-d5 (S)	41	%	35-114	1	06/01/10 09:30	06/01/10 17:02	4165-60-0	
2-Fluorobiphenyl (S)	43	%	43-116	1	06/01/10 09:30	06/01/10 17:02	321-60-8	
Terphenyl-d14 (S)	73	%	33-141	1	06/01/10 09:30	06/01/10 17:02	1718-51-0	
Phenol-d6 (S)	15	%	10-110	1	06/01/10 09:30	06/01/10 17:02	13127-88-3	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]UP **Lab ID: 3028462006** Collected: 05/26/10 10:45 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Fluorophenol (S)	24	%	21-110	1	06/01/10 09:30	06/01/10 17:02	367-12-4	
2,4,6-Tribromophenol (S)	51	%	10-123	1	06/01/10 09:30	06/01/10 17:02	118-79-6	
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 14:41	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 14:41	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 14:41	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 14:41	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:41	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:41	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 14:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:41	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 14:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 14:41	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 14:41	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 14:41	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 14:41	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 14:41	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 14:41	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 14:41	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 14:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 14:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 14:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 14:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 14:41	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 14:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 14:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 14:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 14:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 14:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 14:41	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 14:41	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 14:41	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 14:41	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 14:41	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 14:41	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 14:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 14:41	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 14:41	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 14:41	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 14:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 14:41	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:41	156-59-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]UP **Lab ID: 3028462006** Collected: 05/26/10 10:45 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 14:41	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 14:41	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	103-65-1	
o-Xylene	ND	ug/L	1.0	1		06/02/10 14:41	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 14:41	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 14:41	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 14:41	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 14:41	10061-02-6	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/02/10 14:41	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		06/02/10 14:41	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		06/02/10 14:41	2037-26-5	
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	ND	mg/L	5.0	1		06/06/10 12:55		
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	4.8	1		06/01/10 07:38		
2310B Acidity, Total	Analytical Method: SM 2310B							
Acidity, Total	ND	mg/L	10.0	1		06/09/10 21:00		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**42.0**	mg/L	10.0	1		06/09/10 20:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**89.0**	mg/L	10.0	1		05/28/10 19:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**7.6**	Std. Units	1.0	1		05/27/10 21:20		H6
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/27/10 11:25		
350.1 Ammonia, Distilled	Analytical Method: EPA 350.1							
Ammonia, Distilled	ND	mg/L	0.10	1		05/29/10 00:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**4.6**	mg/L	3.0	1		06/08/10 11:00	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: TRIP BLANK **Lab ID: 3028462007** Collected: Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:00	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 13:00	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 13:00	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:00	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:00	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:00	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 13:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:00	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 13:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 13:00	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 13:00	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 13:00	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 13:00	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 13:00	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 13:00	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 13:00	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 13:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 13:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 13:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 13:00	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 13:00	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 13:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 13:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 13:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 13:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 13:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 13:00	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 13:00	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 13:00	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 13:00	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 13:00	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 13:00	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 13:00	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 13:00	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 13:00	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 13:00	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 13:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 13:00	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:00	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:00	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 13:00	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	103-65-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: TRIP BLANK **Lab ID: 3028462007** Collected: Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		06/02/10 13:00	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 13:00	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 13:00	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 13:00	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 13:00	10061-02-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/10 13:00	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		06/02/10 13:00	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		06/02/10 13:00	2037-26-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP D **Lab ID: 3028462008** Collected: 05/26/10 16:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3510							
Diesel Components	ND	mg/L	0.10	1	06/01/10 09:30	06/01/10 17:24		
o-Terphenyl (S)	55	%	50-150	1	06/01/10 09:30	06/01/10 17:24	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
TPH (C06-C10)	ND	ug/L	200	1		06/04/10 00:03		
4-Bromofluorobenzene (S)	111	%	70-130	1		06/04/10 00:03	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3005							
Aluminum	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:23	7429-90-5	
Antimony	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-36-0	
Arsenic	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-38-2	
Barium	**62.2**	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:23	7440-41-7	
Boron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:23	7440-42-8	
Cadmium	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:23	7440-43-9	
Calcium	**8930**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:23	7440-70-2	
Chromium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-47-3	
Cobalt	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-48-4	
Copper	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-50-8	
Iron	ND	ug/L	50.0	1	06/01/10 17:07	06/07/10 17:23	7439-89-6	
Lead	ND	ug/L	2.0	1	06/01/10 17:07	06/07/10 17:23	7439-92-1	
Magnesium	**1800**	ug/L	200	1	06/01/10 17:07	06/07/10 17:23	7439-95-4	
Manganese	**10.1**	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7439-96-5	
Molybdenum	ND	ug/L	20.0	1	06/01/10 17:07	06/07/10 17:23	7439-98-7	
Nickel	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:23	7440-02-0	
Potassium	**625**	ug/L	500	1	06/01/10 17:07	06/07/10 17:23	7440-09-7	
Selenium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7782-49-2	
Silver	ND	ug/L	1.0	1	06/01/10 17:07	06/07/10 17:23	7440-22-4	
Sodium	**2140**	ug/L	1000	1	06/01/10 17:07	06/07/10 17:23	7440-23-5	
Thallium	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:23	7440-28-0	
Vanadium	ND	ug/L	5.0	1	06/01/10 17:07	06/07/10 17:23	7440-62-2	
Zinc	ND	ug/L	10.0	1	06/01/10 17:07	06/07/10 17:23	7440-66-6	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Aluminum, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:48	7429-90-5	
Antimony, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-36-0	
Arsenic, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-38-2	
Barium, Dissolved	**54.1**	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:48	7440-39-3	
Beryllium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:48	7440-41-7	
Boron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:48	7440-42-8	
Cadmium, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 17:48	7440-43-9	
Calcium, Dissolved	**8460**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:48	7440-70-2	
Chromium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-47-3	
Cobalt, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-48-4	
Copper, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-50-8	
Iron, Dissolved	ND	ug/L	50.0	1	06/03/10 16:32	06/13/10 17:48	7439-89-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP D **Lab ID: 3028462008** Collected: 05/26/10 16:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010 Preparation Method: EPA 3005							
Lead, Dissolved	ND	ug/L	2.0	1	06/03/10 16:32	06/13/10 17:48	7439-92-1	
Magnesium, Dissolved	**1620**	ug/L	200	1	06/03/10 16:32	06/13/10 17:48	7439-95-4	
Manganese, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/03/10 16:32	06/13/10 17:48	7439-98-7	
Nickel, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:48	7440-02-0	
Potassium, Dissolved	**643**	ug/L	500	1	06/03/10 16:32	06/13/10 17:48	7440-09-7	
Selenium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7782-49-2	
Silver, Dissolved	ND	ug/L	1.0	1	06/03/10 16:32	06/13/10 14:34	7440-22-4	
Sodium, Dissolved	**2290**	ug/L	1000	1	06/03/10 16:32	06/13/10 17:48	7440-23-5	
Thallium, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:48	7440-28-0	
Vanadium, Dissolved	ND	ug/L	5.0	1	06/03/10 16:32	06/13/10 17:48	7440-62-2	
Zinc, Dissolved	ND	ug/L	10.0	1	06/03/10 16:32	06/13/10 17:48	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	06/01/10 09:59	06/02/10 10:19	7439-97-6	
7470 Mercury, Lab Filtered	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/03/10 10:05	06/03/10 13:45	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,2,4-Trichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	120-82-1	
1,2-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	106-46-7	
1-Methylnaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	90-12-0	
2,4,5-Trichlorophenol	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	120-83-2	
2,4-Dimethylphenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	105-67-9	
2,4-Dinitrophenol	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	606-20-2	
2-Chloronaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	91-58-7	
2-Chlorophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	95-57-8	
2-Methylnaphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	95-48-7	
2-Nitroaniline	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	88-74-4	
2-Nitrophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	2.2	1	06/01/10 09:30	06/01/10 17:24		
3,3'-Dichlorobenzidine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	91-94-1	
3-Nitroaniline	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	534-52-1	
4-Bromophenylphenyl ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	101-55-3	
4-Chloro-3-methylphenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	59-50-7	
4-Chloroaniline	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	7005-72-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP D **Lab ID: 3028462008** Collected: 05/26/10 16:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
4-Nitroaniline	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	100-01-6	
4-Nitrophenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	100-02-7	
Acenaphthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	83-32-9	
Acenaphthylene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	208-96-8	
Anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	120-12-7	
Azobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	103-33-3	
Benzo(a)anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	56-55-3	
Benzo(a)pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	207-08-9	
Benzoic acid	ND	ug/L	109	1	06/01/10 09:30	06/01/10 17:24	65-85-0	
Benzyl alcohol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	100-51-6	
Butylbenzylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	85-68-7	
Carbazole	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	86-74-8	
Chrysene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	218-01-9	
Di-n-butylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	84-74-2	
Di-n-octylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	117-84-0	
Dibenz(a,h)anthracene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	53-70-3	
Dibenzofuran	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	132-64-9	
Diethylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	84-66-2	
Dimethylphthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	131-11-3	
Fluoranthene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	206-44-0	
Fluorene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	87-68-3	
Hexachlorobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	77-47-4	
Hexachloroethane	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	193-39-5	
Isophorone	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	78-59-1	
N-Nitroso-di-n-propylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	621-64-7	
N-Nitrosodimethylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	62-75-9	
N-Nitrosodiphenylamine	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	86-30-6	
Naphthalene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	91-20-3	
Nitrobenzene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	98-95-3	
Pentachlorophenol	ND	ug/L	2.7	1	06/01/10 09:30	06/01/10 17:24	87-86-5	
Phenanthrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	85-01-8	
Phenol	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	108-95-2	
Pyrene	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.1	1	06/01/10 09:30	06/01/10 17:24	117-81-7	
Nitrobenzene-d5 (S)	44	%	35-114	1	06/01/10 09:30	06/01/10 17:24	4165-60-0	
2-Fluorobiphenyl (S)	50	%	43-116	1	06/01/10 09:30	06/01/10 17:24	321-60-8	
Terphenyl-d14 (S)	100	%	33-141	1	06/01/10 09:30	06/01/10 17:24	1718-51-0	
Phenol-d6 (S)	19	%	10-110	1	06/01/10 09:30	06/01/10 17:24	13127-88-3	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP D **Lab ID: 3028462008** Collected: 05/26/10 16:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Fluorophenol (S)	30	%	21-110	1	06/01/10 09:30	06/01/10 17:24	367-12-4	
2,4,6-Tribromophenol (S)	55	%	10-123	1	06/01/10 09:30	06/01/10 17:24	118-79-6	
8260 MSV	Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/02/10 15:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/02/10 15:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/02/10 15:07	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/02/10 15:07	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/02/10 15:07	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/02/10 15:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/02/10 15:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 15:07	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/02/10 15:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/02/10 15:07	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/02/10 15:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 15:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/02/10 15:07	106-46-7	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/10 15:07	78-93-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/10 15:07	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/10 15:07	108-10-1	
Acetone	ND	ug/L	10.0	1		06/02/10 15:07	67-64-1	
Benzene	ND	ug/L	1.0	1		06/02/10 15:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		06/02/10 15:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/02/10 15:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/02/10 15:07	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/02/10 15:07	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		06/02/10 15:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/02/10 15:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/02/10 15:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/02/10 15:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/02/10 15:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/02/10 15:07	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		06/02/10 15:07	124-48-1	
Ethylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/02/10 15:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/02/10 15:07	1634-04-4	
Methylene Chloride	ND	ug/L	1.0	1		06/02/10 15:07	75-09-2	
Naphthalene	ND	ug/L	2.0	1		06/02/10 15:07	91-20-3	
Styrene	ND	ug/L	1.0	1		06/02/10 15:07	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/02/10 15:07	127-18-4	
Toluene	ND	ug/L	1.0	1		06/02/10 15:07	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/02/10 15:07	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/02/10 15:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		06/02/10 15:07	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 15:07	156-59-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028462

Sample: [redacted]DW SEEP D **Lab ID: 3028462008** Collected: 05/26/10 16:15 Received: 05/27/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 15:07	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		06/02/10 15:07	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	103-65-1	
o-Xylene	ND	ug/L	1.0	1		06/02/10 15:07	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/02/10 15:07	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		06/02/10 15:07	135-98-8	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/02/10 15:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/02/10 15:07	10061-02-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/10 15:07	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		06/02/10 15:07	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		06/02/10 15:07	2037-26-5	
HEM, Oil and Grease	Analytical Method: EPA 1664A							
Oil and Grease	ND	mg/L	5.4	1		06/06/10 12:55		
1664 SGT-HEM, TPH	Analytical Method: EPA 1664A							
Total Petroleum Hydrocarbons	ND	mg/L	4.8	1		06/01/10 07:38		
2310B Acidity, Total	Analytical Method: SM 2310B							
Acidity, Total	ND	mg/L	10.0	1		06/09/10 21:00		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**20.0**	mg/L	10.0	1		06/09/10 20:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**76.0**	mg/L	10.0	1		06/01/10 20:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	**6.9**	Std. Units	1.0	1		05/28/10 21:30		H6
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		05/28/10 11:55		
350.1 Ammonia, Distilled	Analytical Method: EPA 350.1							
Ammonia, Distilled	ND	mg/L	0.10	1		05/29/10 00:00		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.9**	mg/L	3.0	1		06/08/10 11:00	16887-00-6	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: OEXT/5042 — Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3510 — Analysis Description: 8015 GCS
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 176713 — Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/L	ND	0.10	06/01/10 16:25	
o-Terphenyl (S)	%	51	50-150	06/01/10 16:25	

LABORATORY CONTROL SAMPLE: 176714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/L	1	0.65	65	50-150	
o-Terphenyl (S)	%			64	50-150	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: GCV/1352 Analysis Method: EPA 5030/8015 Mod.
QC Batch Method: EPA 5030/8015 Mod. Analysis Description: Gasoline Range Organics
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 177792 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	ug/L	ND	200	06/03/10 18:38	
4-Bromofluorobenzene (S)	%	98	70-130	06/03/10 18:38	

LABORATORY CONTROL SAMPLE: 177793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C10)	ug/L	500	575	115	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177794 177795

Parameter	Units	3028176003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH (C06-C10)	ug/L	ND	500	500	655	681	108	113	70-130	4	
4-Bromofluorobenzene (S)	%						106	105	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MPRP/3960 Analysis Method: EPA 6010B
QC Batch Method: EPA 3005 Analysis Description: 6010 MET
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 176993 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	50.0	06/07/10 15:29	
Antimony	ug/L	ND	5.0	06/07/10 15:29	
Arsenic	ug/L	ND	5.0	06/07/10 15:29	
Barium	ug/L	ND	10.0	06/07/10 15:29	
Beryllium	ug/L	ND	1.0	06/07/10 15:29	
Boron	ug/L	ND	50.0	06/07/10 15:29	
Cadmium	ug/L	ND	1.0	06/07/10 15:29	
Calcium	ug/L	ND	1000	06/07/10 15:29	
Chromium	ug/L	ND	5.0	06/07/10 15:29	
Cobalt	ug/L	ND	5.0	06/07/10 15:29	
Copper	ug/L	ND	5.0	06/07/10 15:29	
Iron	ug/L	ND	50.0	06/07/10 15:29	
Lead	ug/L	ND	2.0	06/07/10 15:29	
Magnesium	ug/L	ND	200	06/07/10 15:29	
Manganese	ug/L	ND	5.0	06/07/10 15:29	
Molybdenum	ug/L	ND	20.0	06/07/10 15:29	
Nickel	ug/L	ND	10.0	06/07/10 15:29	
Potassium	ug/L	ND	500	06/07/10 15:29	
Selenium	ug/L	ND	5.0	06/07/10 15:29	
Silver	ug/L	ND	1.0	06/07/10 15:29	
Sodium	ug/L	ND	1000	06/07/10 15:29	
Thallium	ug/L	ND	10.0	06/07/10 15:29	
Vanadium	ug/L	ND	5.0	06/07/10 15:29	
Zinc	ug/L	ND	10.0	06/07/10 15:29	

LABORATORY CONTROL SAMPLE: 176994

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	5000	4920	98	80-120	
Antimony	ug/L	500	495	99	80-120	
Arsenic	ug/L	500	500	100	80-120	
Barium	ug/L	500	489	98	80-120	
Beryllium	ug/L	500	505	101	80-120	
Boron	ug/L	500	487	97	80-120	
Cadmium	ug/L	500	512	102	80-120	
Calcium	ug/L	5000	4930	99	80-120	
Chromium	ug/L	500	499	100	80-120	
Cobalt	ug/L	500	491	98	80-120	
Copper	ug/L	500	493	99	80-120	
Iron	ug/L	5000	5050	101	80-120	
Lead	ug/L	500	496	99	80-120	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

LABORATORY CONTROL SAMPLE: 176994

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	ug/L	5000	4980	100	80-120	
Manganese	ug/L	500	495	99	80-120	
Molybdenum	ug/L	500	508	102	80-120	
Nickel	ug/L	500	504	101	80-120	
Potassium	ug/L	5000	4740	95	80-120	
Selenium	ug/L	500	507	101	80-120	
Silver	ug/L	250	251	100	80-120	
Sodium	ug/L	5000	4860	97	80-120	
Thallium	ug/L	500	499	100	80-120	
Vanadium	ug/L	500	494	99	80-120	
Zinc	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176996 176997

Parameter	Units	3028424006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aluminum	ug/L	ND	5000	5000	5010	4980	100	100	75-125	.6	
Antimony	ug/L	ND	500	500	496	490	99	98	75-125	1	
Arsenic	ug/L	ND	500	500	511	508	102	102	75-125	.5	
Barium	ug/L	18.0	500	500	519	518	100	100	75-125	.09	
Beryllium	ug/L	ND	500	500	513	514	103	103	75-125	.2	
Boron	ug/L	ND	500	500	495	490	99	98	75-125	1	
Cadmium	ug/L	ND	500	500	518	515	104	103	75-125	.6	
Calcium	ug/L	9410	5000	5000	14300	14300	98	97	75-125	.08	
Chromium	ug/L	ND	500	500	509	510	101	102	75-125	.2	
Cobalt	ug/L	ND	500	500	498	497	100	99	75-125	.3	
Copper	ug/L	ND	500	500	506	508	101	101	75-125	.3	
Iron	ug/L	ND	5000	5000	5060	5030	101	100	75-125	.5	
Lead	ug/L	ND	500	500	503	499	101	100	75-125	.8	
Magnesium	ug/L	1570	5000	5000	6580	6570	100	100	75-125	.2	
Manganese	ug/L	ND	500	500	503	504	100	100	75-125	.1	
Molybdenum	ug/L	ND	500	500	515	510	103	102	75-125	.8	
Nickel	ug/L	ND	500	500	509	510	101	101	75-125	.3	
Potassium	ug/L	5690	5000	5000	10900	10800	104	103	75-125	.2	
Selenium	ug/L	ND	500	500	514	509	103	101	75-125	1	
Silver	ug/L	ND	250	250	253	253	101	101	75-125	.06	
Sodium	ug/L	5570	5000	5000	11000	10900	109	106	75-125	1	
Thallium	ug/L	ND	500	500	530	516	106	103	75-125	3	
Vanadium	ug/L	ND	500	500	508	509	102	102	75-125	.1	
Zinc	ug/L	14.3	500	500	507	507	98	99	75-125	.04	

MATRIX SPIKE SAMPLE: 176999

Parameter	Units	3028429002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	222	5000	6000	116	75-125	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

MATRIX SPIKE SAMPLE: 176999

Parameter	Units	3028429002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	497	99	75-125	
Arsenic	ug/L	ND	500	515	103	75-125	
Barium	ug/L	25.7	500	528	100	75-125	
Beryllium	ug/L	ND	500	530	106	75-125	
Boron	ug/L	12.4J	500	506	99	75-125	
Cadmium	ug/L	ND	500	528	106	75-125	
Calcium	ug/L	14200	5000	19400	103	75-125	
Chromium	ug/L	2.9J	500	523	104	75-125	
Cobalt	ug/L	1.3J	500	513	102	75-125	
Copper	ug/L	ND	500	510	102	75-125	
Iron	ug/L	434	5000	5610	104	75-125	
Lead	ug/L	ND	500	516	103	75-125	
Magnesium	ug/L	5200	5000	10400	103	75-125	
Manganese	ug/L	382	500	895	103	75-125	
Molybdenum	ug/L	ND	500	514	103	75-125	
Nickel	ug/L	4.2J	500	528	105	75-125	
Potassium	ug/L	1740	5000	6820	102	75-125	
Selenium	ug/L	ND	500	522	104	75-125	
Silver	ug/L	ND	250	252	100	75-125	
Sodium	ug/L	18600	5000	24400	116	75-125	
Thallium	ug/L	ND	500	529	106	75-125	
Vanadium	ug/L	ND	500	516	103	75-125	
Zinc	ug/L	4.1J	500	523	104	75-125	

SAMPLE DUPLICATE: 176995

Parameter	Units	3028424006 Result	Dup Result	RPD	Qualifiers
Aluminum	ug/L	ND	ND		
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	18.0	18.3	2	
Beryllium	ug/L	ND	ND		
Boron	ug/L	ND	ND		
Cadmium	ug/L	ND	ND		
Calcium	ug/L	9410	9540	1	
Chromium	ug/L	ND	ND		
Cobalt	ug/L	ND	ND		
Copper	ug/L	ND	ND		
Iron	ug/L	ND	26J		
Lead	ug/L	ND	ND		
Magnesium	ug/L	1570	1580	.7	
Manganese	ug/L	ND	1.6J		
Molybdenum	ug/L	ND	ND		
Nickel	ug/L	ND	ND		
Potassium	ug/L	5690	5760	1	
Selenium	ug/L	ND	3.4J		
Silver	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

SAMPLE DUPLICATE: 176995

Parameter	Units	3028424006 Result	Dup Result	RPD	Qualifiers
Sodium	ug/L	5570	5610	.7	
Thallium	ug/L	ND	ND		
Vanadium	ug/L	ND	ND		
Zinc	ug/L	14.3	13.1	9	

SAMPLE DUPLICATE: 176998

Parameter	Units	3028429002 Result	Dup Result	RPD	Qualifiers
Aluminum	ug/L	222	222	.3	
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	25.7	25.6	.4	
Beryllium	ug/L	ND	ND		
Boron	ug/L	12.4J	12.5J		
Cadmium	ug/L	ND	ND		
Calcium	ug/L	14200	14100	.6	
Chromium	ug/L	2.9J	2.6J		
Cobalt	ug/L	1.3J	1.3J		
Copper	ug/L	ND	ND		
Iron	ug/L	434	406	7	
Lead	ug/L	ND	ND		
Magnesium	ug/L	5200	5150	.8	
Manganese	ug/L	382	378	.9	
Molybdenum	ug/L	ND	ND		
Nickel	ug/L	4.2J	7.3J		
Potassium	ug/L	1740	1710	1	
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	.76J		
Sodium	ug/L	18600	18600	.3	
Thallium	ug/L	ND	ND		
Vanadium	ug/L	ND	ND		
Zinc	ug/L	4.1J	5.6J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MPRP/3974 Analysis Method: EPA 6010
QC Batch Method: EPA 3005 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 178077 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	ND	50.0	06/13/10 13:41	
Antimony, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Arsenic, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Barium, Dissolved	ug/L	ND	10.0	06/13/10 13:41	
Beryllium, Dissolved	ug/L	ND	1.0	06/13/10 13:41	
Boron, Dissolved	ug/L	ND	50.0	06/13/10 13:41	
Cadmium, Dissolved	ug/L	ND	1.0	06/13/10 13:41	
Calcium, Dissolved	ug/L	ND	1000	06/13/10 13:41	
Chromium, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Cobalt, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Copper, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Iron, Dissolved	ug/L	ND	50.0	06/13/10 13:41	
Lead, Dissolved	ug/L	ND	2.0	06/13/10 13:41	
Magnesium, Dissolved	ug/L	ND	200	06/13/10 13:41	
Manganese, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Molybdenum, Dissolved	ug/L	ND	20.0	06/13/10 13:41	
Nickel, Dissolved	ug/L	ND	10.0	06/13/10 13:41	
Potassium, Dissolved	ug/L	ND	500	06/13/10 13:41	
Selenium, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Silver, Dissolved	ug/L	ND	1.0	06/13/10 13:41	
Sodium, Dissolved	ug/L	ND	1000	06/13/10 13:41	
Thallium, Dissolved	ug/L	ND	10.0	06/13/10 13:41	
Vanadium, Dissolved	ug/L	ND	5.0	06/13/10 13:41	
Zinc, Dissolved	ug/L	ND	10.0	06/13/10 13:41	

LABORATORY CONTROL SAMPLE: 178078

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	5000	4840	97	80-120	
Antimony, Dissolved	ug/L	500	500	100	80-120	
Arsenic, Dissolved	ug/L	500	499	100	80-120	
Barium, Dissolved	ug/L	500	483	97	80-120	
Beryllium, Dissolved	ug/L	500	501	100	80-120	
Boron, Dissolved	ug/L	500	465	93	80-120	
Cadmium, Dissolved	ug/L	500	507	101	80-120	
Calcium, Dissolved	ug/L	5000	4800	96	80-120	
Chromium, Dissolved	ug/L	500	494	99	80-120	
Cobalt, Dissolved	ug/L	500	467	93	80-120	
Copper, Dissolved	ug/L	500	483	97	80-120	
Iron, Dissolved	ug/L	5000	4870	97	80-120	
Lead, Dissolved	ug/L	500	477	95	80-120	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

LABORATORY CONTROL SAMPLE: 178078

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium, Dissolved	ug/L	5000	4810	96	80-120	
Manganese, Dissolved	ug/L	500	491	98	80-120	
Molybdenum, Dissolved	ug/L	500	470	94	80-120	
Nickel, Dissolved	ug/L	500	500	100	80-120	
Potassium, Dissolved	ug/L	5000	4680	94	80-120	
Selenium, Dissolved	ug/L	500	506	101	80-120	
Silver, Dissolved	ug/L	250	248	99	80-120	
Sodium, Dissolved	ug/L	5000	4690	94	80-120	
Thallium, Dissolved	ug/L	500	484	97	80-120	
Vanadium, Dissolved	ug/L	500	479	96	80-120	
Zinc, Dissolved	ug/L	500	482	96	80-120	

MATRIX SPIKE SAMPLE: 178080

Parameter	Units	3028531003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	ND	5000	4920	98	75-125	
Antimony, Dissolved	ug/L	ND	500	494	99	75-125	
Arsenic, Dissolved	ug/L	ND	500	504	101	75-125	
Barium, Dissolved	ug/L	107	500	593	97	75-125	
Beryllium, Dissolved	ug/L	ND	500	507	101	75-125	
Boron, Dissolved	ug/L	ND	500	511	95	75-125	
Cadmium, Dissolved	ug/L	ND	500	502	100	75-125	
Calcium, Dissolved	ug/L	17300	5000	22000	96	75-125	
Chromium, Dissolved	ug/L	ND	500	487	97	75-125	
Cobalt, Dissolved	ug/L	ND	500	483	96	75-125	
Copper, Dissolved	ug/L	ND	500	485	97	75-125	
Iron, Dissolved	ug/L	ND	5000	4800	96	75-125	
Lead, Dissolved	ug/L	ND	500	480	96	75-125	
Magnesium, Dissolved	ug/L	17200	5000	21700	90	75-125	
Manganese, Dissolved	ug/L	1260	500	1720	93	75-125	
Molybdenum, Dissolved	ug/L	ND	500	494	99	75-125	
Nickel, Dissolved	ug/L	18.6	500	504	97	75-125	
Potassium, Dissolved	ug/L	3700	5000	8690	100	75-125	
Selenium, Dissolved	ug/L	ND	500	502	100	75-125	
Silver, Dissolved	ug/L	ND	250	245	98	75-125	
Sodium, Dissolved	ug/L	94100	5000	99400	106	75-125	
Thallium, Dissolved	ug/L	ND	500	465	93	75-125	
Vanadium, Dissolved	ug/L	ND	500	488	97	75-125	
Zinc, Dissolved	ug/L	69.7	500	550	96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178082 178083

Parameter	Units	3028424017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aluminum, Dissolved	ug/L	ND	5000	5000	4730	4850	95	97	75-125	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178082 178083

Parameter	Units	3028424017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony, Dissolved	ug/L	ND	500	500	478	484	96	97	75-125	1	
Arsenic, Dissolved	ug/L	ND	500	500	488	492	97	98	75-125	.9	
Barium, Dissolved	ug/L	126	500	500	590	605	93	96	75-125	3	
Beryllium, Dissolved	ug/L	ND	500	500	488	500	98	100	75-125	3	
Boron, Dissolved	ug/L	ND	500	500	469	483	88	91	75-125	3	
Cadmium, Dissolved	ug/L	ND	500	500	488	492	98	98	75-125	.8	
Calcium, Dissolved	ug/L	14600	5000	5000	19200	19700	93	103	75-125	3	
Chromium, Dissolved	ug/L	ND	500	500	482	486	96	97	75-125	.9	
Cobalt, Dissolved	ug/L	ND	500	500	478	482	95	96	75-125	.9	
Copper, Dissolved	ug/L	ND	500	500	465	478	93	95	75-125	3	
Iron, Dissolved	ug/L	59.1	5000	5000	4730	4840	93	96	75-125	2	
Lead, Dissolved	ug/L	ND	500	500	477	482	95	96	75-125	1	
Magnesium, Dissolved	ug/L	16000	5000	5000	20500	21100	91	102	75-125	3	
Manganese, Dissolved	ug/L	2140	500	500	2580	2630	88	98	75-125	2	
Molybdenum, Dissolved	ug/L	ND	500	500	491	500	97	99	75-125	2	
Nickel, Dissolved	ug/L	18.0	500	500	492	496	95	96	75-125	.8	
Potassium, Dissolved	ug/L	4310	5000	5000	9050	9360	95	101	75-125	3	
Selenium, Dissolved	ug/L	ND	500	500	488	493	98	99	75-125	.9	
Silver, Dissolved	ug/L	ND	250	250	244	245	97	98	75-125	.5	
Sodium, Dissolved	ug/L	85100	5000	5000	89300	92200	85	142	75-125	3	M0
Thallium, Dissolved	ug/L	ND	500	500	463	464	92	93	75-125	.2	
Vanadium, Dissolved	ug/L	ND	500	500	480	483	96	96	75-125	.5	
Zinc, Dissolved	ug/L	67.9	500	500	540	546	94	96	75-125	1	

SAMPLE DUPLICATE: 178079

Parameter	Units	3028531003 Result	Dup Result	RPD	Qualifiers
Aluminum, Dissolved	ug/L	ND	ND		
Antimony, Dissolved	ug/L	ND	ND		
Arsenic, Dissolved	ug/L	ND	ND		
Barium, Dissolved	ug/L	107	108	.9	
Beryllium, Dissolved	ug/L	ND	ND		
Boron, Dissolved	ug/L	ND	26.6J		
Cadmium, Dissolved	ug/L	ND	.27J		
Calcium, Dissolved	ug/L	17300	17400	.8	
Chromium, Dissolved	ug/L	ND	ND		
Cobalt, Dissolved	ug/L	ND	2.3J		
Copper, Dissolved	ug/L	ND	2J		
Iron, Dissolved	ug/L	ND	ND		
Lead, Dissolved	ug/L	ND	ND		
Magnesium, Dissolved	ug/L	17200	17400	1	
Manganese, Dissolved	ug/L	1260	1260	.2	
Molybdenum, Dissolved	ug/L	ND	ND		
Nickel, Dissolved	ug/L	18.6	18.6	.3	
Potassium, Dissolved	ug/L	3700	3670	.9	
Selenium, Dissolved	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

SAMPLE DUPLICATE: 178079

Parameter	Units	3028531003 Result	Dup Result	RPD	Qualifiers
Silver, Dissolved	ug/L	ND	ND		
Sodium, Dissolved	ug/L	94100	95200	1	
Thallium, Dissolved	ug/L	ND	ND		
Vanadium, Dissolved	ug/L	ND	.86J		
Zinc, Dissolved	ug/L	69.7	69.8	.2	

SAMPLE DUPLICATE: 178081

Parameter	Units	3028424017 Result	Dup Result	RPD	Qualifiers
Aluminum, Dissolved	ug/L	ND	ND		
Antimony, Dissolved	ug/L	ND	ND		
Arsenic, Dissolved	ug/L	ND	1.5J		
Barium, Dissolved	ug/L	126	128	2	
Beryllium, Dissolved	ug/L	ND	ND		
Boron, Dissolved	ug/L	ND	23J		
Cadmium, Dissolved	ug/L	ND	.11J		
Calcium, Dissolved	ug/L	14600	14900	2	
Chromium, Dissolved	ug/L	ND	ND		
Cobalt, Dissolved	ug/L	ND	3.2J		
Copper, Dissolved	ug/L	ND	ND		
Iron, Dissolved	ug/L	59.1	56.6	4	
Lead, Dissolved	ug/L	ND	ND		
Magnesium, Dissolved	ug/L	16000	16400	3	
Manganese, Dissolved	ug/L	2140	2180	1	
Molybdenum, Dissolved	ug/L	ND	1.7J		
Nickel, Dissolved	ug/L	18.0	18.2	1	
Potassium, Dissolved	ug/L	4310	4380	2	
Selenium, Dissolved	ug/L	ND	ND		
Silver, Dissolved	ug/L	ND	.37J		
Sodium, Dissolved	ug/L	85100	87000	2	
Thallium, Dissolved	ug/L	ND	ND		
Vanadium, Dissolved	ug/L	ND	1.7J		
Zinc, Dissolved	ug/L	67.9	69.0	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MERP/1961 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 176773 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	06/02/10 09:49	

LABORATORY CONTROL SAMPLE: 176774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	1	1.0	104	85-115	

MATRIX SPIKE SAMPLE: 176776

Parameter	Units	3028462008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.2	89	85-115	

SAMPLE DUPLICATE: 176775

Parameter	Units	3028462008 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MERP/1966 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

METHOD BLANK: 176897 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	06/02/10 12:28	

LABORATORY CONTROL SAMPLE: 176898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	1	1.0	101	85-115	

MATRIX SPIKE SAMPLE: 176900

Parameter	Units	3028462005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	ND	2.5	2.2	88	75-125	

SAMPLE DUPLICATE: 176899

Parameter	Units	3028462005 Result	Dup Result	RPD	Qualifiers
Mercury, Dissolved	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MERP/1975 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 3028462008

METHOD BLANK: 177720 — Matrix: Water
Associated Lab Samples: 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	06/03/10 13:42	

LABORATORY CONTROL SAMPLE: 177721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	1	0.99	99	85-115	

MATRIX SPIKE SAMPLE: 177723

Parameter	Units	3028462008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	ND	2.5	2.6	102	75-125	

MATRIX SPIKE SAMPLE: 177725

Parameter	Units	3028608007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	ND	2.5	2.6	105	75-125	

SAMPLE DUPLICATE: 177722

Parameter	Units	3028462008 Result	Dup Result	RPD	Qualifiers
Mercury, Dissolved	ug/L	ND	ND		

SAMPLE DUPLICATE: 177724

Parameter	Units	3028608007 Result	Dup Result	RPD	Qualifiers
Mercury, Dissolved	ug/L	ND	ND		

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CABOT-EPA 005302

DIM0223739 DIM0224695

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: OEXT/5041 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 176711 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/01/10 14:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/01/10 14:24	
1-Methylnaphthalene	ug/L	ND	1.0	06/01/10 14:24	
2,4,5-Trichlorophenol	ug/L	ND	2.5	06/01/10 14:24	
2,4,6-Trichlorophenol	ug/L	ND	1.0	06/01/10 14:24	
2,4-Dichlorophenol	ug/L	ND	1.0	06/01/10 14:24	
2,4-Dimethylphenol	ug/L	ND	1.0	06/01/10 14:24	
2,4-Dinitrophenol	ug/L	ND	2.5	06/01/10 14:24	
2,4-Dinitrotoluene	ug/L	ND	1.0	06/01/10 14:24	
2,6-Dinitrotoluene	ug/L	ND	1.0	06/01/10 14:24	
2-Chloronaphthalene	ug/L	ND	1.0	06/01/10 14:24	
2-Chlorophenol	ug/L	ND	1.0	06/01/10 14:24	
2-Methylnaphthalene	ug/L	ND	1.0	06/01/10 14:24	
2-Methylphenol(o-Cresol)	ug/L	ND	1.0	06/01/10 14:24	
2-Nitroaniline	ug/L	ND	2.5	06/01/10 14:24	
2-Nitrophenol	ug/L	ND	1.0	06/01/10 14:24	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	2.0	06/01/10 14:24	
3,3'-Dichlorobenzidine	ug/L	ND	1.0	06/01/10 14:24	
3-Nitroaniline	ug/L	ND	2.5	06/01/10 14:24	
4,6-Dinitro-2-methylphenol	ug/L	ND	2.5	06/01/10 14:24	
4-Bromophenylphenyl ether	ug/L	ND	1.0	06/01/10 14:24	
4-Chloro-3-methylphenol	ug/L	ND	1.0	06/01/10 14:24	
4-Chloroaniline	ug/L	ND	1.0	06/01/10 14:24	
4-Chlorophenylphenyl ether	ug/L	ND	1.0	06/01/10 14:24	
4-Nitroaniline	ug/L	ND	2.5	06/01/10 14:24	
4-Nitrophenol	ug/L	ND	1.0	06/01/10 14:24	
Acenaphthene	ug/L	ND	1.0	06/01/10 14:24	
Acenaphthylene	ug/L	ND	1.0	06/01/10 14:24	
Anthracene	ug/L	ND	1.0	06/01/10 14:24	
Azobenzene	ug/L	ND	1.0	06/01/10 14:24	
Benzo(a)anthracene	ug/L	ND	1.0	06/01/10 14:24	
Benzo(a)pyrene	ug/L	ND	1.0	06/01/10 14:24	
Benzo(b)fluoranthene	ug/L	ND	1.0	06/01/10 14:24	
Benzo(g,h,i)perylene	ug/L	ND	1.0	06/01/10 14:24	
Benzo(k)fluoranthene	ug/L	ND	1.0	06/01/10 14:24	
Benzoic acid	ug/L	ND	100	06/01/10 14:24	
Benzyl alcohol	ug/L	ND	1.0	06/01/10 14:24	
bis(2-Chloroethoxy)methane	ug/L	ND	1.0	06/01/10 14:24	
bis(2-Chloroethyl) ether	ug/L	ND	1.0	06/01/10 14:24	
bis(2-Chloroisopropyl) ether	ug/L	ND	1.0	06/01/10 14:24	
bis(2-Ethylhexyl)phthalate	ug/L	ND	1.0	06/01/10 14:24	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

METHOD BLANK: 176711 Matrix: Water

Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/L	ND	1.0	06/01/10 14:24	
Carbazole	ug/L	ND	1.0	06/01/10 14:24	
Chrysene	ug/L	ND	1.0	06/01/10 14:24	
Di-n-butylphthalate	ug/L	ND	1.0	06/01/10 14:24	
Di-n-octylphthalate	ug/L	ND	1.0	06/01/10 14:24	
Dibenz(a,h)anthracene	ug/L	ND	1.0	06/01/10 14:24	
Dibenzofuran	ug/L	ND	1.0	06/01/10 14:24	
Diethylphthalate	ug/L	ND	1.0	06/01/10 14:24	
Dimethylphthalate	ug/L	ND	1.0	06/01/10 14:24	
Fluoranthene	ug/L	ND	1.0	06/01/10 14:24	
Fluorene	ug/L	ND	1.0	06/01/10 14:24	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/01/10 14:24	
Hexachlorobenzene	ug/L	ND	1.0	06/01/10 14:24	
Hexachlorocyclopentadiene	ug/L	ND	1.0	06/01/10 14:24	
Hexachloroethane	ug/L	ND	1.0	06/01/10 14:24	
Indeno(1,2,3-cd)pyrene	ug/L	ND	1.0	06/01/10 14:24	
Isophorone	ug/L	ND	1.0	06/01/10 14:24	
N-Nitroso-di-n-propylamine	ug/L	ND	1.0	06/01/10 14:24	
N-Nitrosodimethylamine	ug/L	ND	1.0	06/01/10 14:24	
N-Nitrosodiphenylamine	ug/L	ND	1.0	06/01/10 14:24	
Naphthalene	ug/L	ND	1.0	06/01/10 14:24	
Nitrobenzene	ug/L	ND	1.0	06/01/10 14:24	
Pentachlorophenol	ug/L	ND	2.5	06/01/10 14:24	
Phenanthrene	ug/L	ND	1.0	06/01/10 14:24	
Phenol	ug/L	ND	1.0	06/01/10 14:24	
Pyrene	ug/L	ND	1.0	06/01/10 14:24	
2,4,6-Tribromophenol (S)	%	61	10-123	06/01/10 14:24	
2-Fluorobiphenyl (S)	%	57	43-116	06/01/10 14:24	
2-Fluorophenol (S)	%	33	21-110	06/01/10 14:24	
Nitrobenzene-d5 (S)	%	53	35-114	06/01/10 14:24	
Phenol-d6 (S)	%	21	10-110	06/01/10 14:24	
Terphenyl-d14 (S)	%	103	33-141	06/01/10 14:24	

LABORATORY CONTROL SAMPLE: 176712

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	5	2.7	54	39-98	
1,2-Dichlorobenzene	ug/L		ND			
1,3-Dichlorobenzene	ug/L		ND			
1,4-Dichlorobenzene	ug/L	5	2.2	44	20-124	
1-Methylnaphthalene	ug/L	5	3.1	63	40-140	
2,4,5-Trichlorophenol	ug/L		ND			
2,4,6-Trichlorophenol	ug/L		ND			
2,4-Dichlorophenol	ug/L		ND			
2,4-Dimethylphenol	ug/L		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

LABORATORY CONTROL SAMPLE: 176712

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/L		ND			
2,4-Dinitrotoluene	ug/L	5	2.9	57	39-139	
2,6-Dinitrotoluene	ug/L		ND			
2-Chloronaphthalene	ug/L		ND			
2-Chlorophenol	ug/L	5	2.8	57	23-134	
2-Methylnaphthalene	ug/L	5	2.8	55	40-140	
2-Methylphenol(o-Cresol)	ug/L		ND			
2-Nitroaniline	ug/L		ND			
2-Nitrophenol	ug/L		ND			
3&4-Methylphenol(m&p Cresol)	ug/L		ND			
3,3'-Dichlorobenzidine	ug/L		ND			
3-Nitroaniline	ug/L		ND			
4,6-Dinitro-2-methylphenol	ug/L		ND			
4-Bromophenylphenyl ether	ug/L		ND			
4-Chloro-3-methylphenol	ug/L	5	3.3	65	22-147	
4-Chloroaniline	ug/L		ND			
4-Chlorophenylphenyl ether	ug/L		ND			
4-Nitroaniline	ug/L		ND			
4-Nitrophenol	ug/L	5	1.5	30	1-132	
Acenaphthene	ug/L	5	3.3	66	27-133	
Acenaphthylene	ug/L	5	3.3	65	33-145	
Anthracene	ug/L	5	3.3	67	27-133	
Azobenzene	ug/L		ND			
Benzo(a)anthracene	ug/L	5	3.9	78	33-142	
Benzo(a)pyrene	ug/L	5	3.6	72	17-163	
Benzo(b)fluoranthene	ug/L	5	4.2	84	24-159	
Benzo(g,h,i)perylene	ug/L	5	3.1	62	1-219	
Benzo(k)fluoranthene	ug/L	5	4.4	88	11-162	
Benzoic acid	ug/L		ND			
Benzyl alcohol	ug/L		ND			
bis(2-Chloroethoxy)methane	ug/L		ND			
bis(2-Chloroethyl) ether	ug/L		ND			
bis(2-Chloroisopropyl) ether	ug/L		ND			
bis(2-Ethylhexyl)phthalate	ug/L		ND			
Butylbenzylphthalate	ug/L		ND			
Carbazole	ug/L		ND			
Chrysene	ug/L	5	3.9	78	17-168	
Di-n-butylphthalate	ug/L		ND			
Di-n-octylphthalate	ug/L		ND			
Dibenz(a,h)anthracene	ug/L	5	3.1	62	1-227	
Dibenzofuran	ug/L		ND			
Diethylphthalate	ug/L		ND			
Dimethylphthalate	ug/L		ND			
Fluoranthene	ug/L	5	3.5	70	26-137	
Fluorene	ug/L	5	3.3	65	59-121	
Hexachloro-1,3-butadiene	ug/L		ND			
Hexachlorobenzene	ug/L		ND			
Hexachlorocyclopentadiene	ug/L		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

LABORATORY CONTROL SAMPLE: 176712

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloroethane	ug/L		ND			
Indeno(1,2,3-cd)pyrene	ug/L	5	3.3	66	1-171	
Isophorone	ug/L		ND			
N-Nitroso-di-n-propylamine	ug/L	5	3.5	70	1-230	
N-Nitrosodimethylamine	ug/L		ND			
N-Nitrosodiphenylamine	ug/L		ND			
Naphthalene	ug/L	5	2.9	57	21-133	
Nitrobenzene	ug/L		ND			
Pentachlorophenol	ug/L	5	3.1	61	14-176	
Phenanthrene	ug/L	5	3.3	66	54-120	
Phenol	ug/L	5	1.5	29	5-112	
Pyrene	ug/L	5	4.3	86	26-127	
2,4,6-Tribromophenol (S)	%			60	10-123	
2-Fluorobiphenyl (S)	%			62	43-116	
2-Fluorophenol (S)	%			35	21-110	
Nitrobenzene-d5 (S)	%			55	35-114	
Phenol-d6 (S)	%			23	10-110	
Terphenyl-d14 (S)	%			97	33-141	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MSV/6023 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462007, 3028462008

METHOD BLANK: 177163 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462007, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	06/02/10 10:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/02/10 10:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/02/10 10:27	
1,1-Dichloroethane	ug/L	ND	1.0	06/02/10 10:27	
1,1-Dichloroethene	ug/L	ND	1.0	06/02/10 10:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/02/10 10:27	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/02/10 10:27	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/02/10 10:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/02/10 10:27	
1,2-Dichloroethane	ug/L	ND	1.0	06/02/10 10:27	
1,2-Dichloropropane	ug/L	ND	1.0	06/02/10 10:27	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/02/10 10:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/02/10 10:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/02/10 10:27	
2-Butanone (MEK)	ug/L	ND	10.0	06/02/10 10:27	
2-Hexanone	ug/L	ND	10.0	06/02/10 10:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/02/10 10:27	
Acetone	ug/L	ND	10.0	06/02/10 10:27	
Benzene	ug/L	ND	1.0	06/02/10 10:27	
Bromochloromethane	ug/L	ND	1.0	06/02/10 10:27	
Bromodichloromethane	ug/L	ND	1.0	06/02/10 10:27	
Bromoform	ug/L	ND	1.0	06/02/10 10:27	
Bromomethane	ug/L	ND	1.0	06/02/10 10:27	
Carbon disulfide	ug/L	ND	1.0	06/02/10 10:27	
Carbon tetrachloride	ug/L	ND	1.0	06/02/10 10:27	
Chlorobenzene	ug/L	ND	1.0	06/02/10 10:27	
Chloroethane	ug/L	ND	1.0	06/02/10 10:27	
Chloroform	ug/L	ND	1.0	06/02/10 10:27	
Chloromethane	ug/L	ND	1.0	06/02/10 10:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/02/10 10:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/02/10 10:27	
Dibromochloromethane	ug/L	ND	1.0	06/02/10 10:27	
Ethylbenzene	ug/L	ND	1.0	06/02/10 10:27	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/02/10 10:27	
m&p-Xylene	ug/L	ND	2.0	06/02/10 10:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/02/10 10:27	
Methylene Chloride	ug/L	ND	1.0	06/02/10 10:27	
n-Butylbenzene	ug/L	ND	1.0	06/02/10 10:27	
n-Propylbenzene	ug/L	ND	1.0	06/02/10 10:27	
Naphthalene	ug/L	ND	2.0	06/02/10 10:27	
o-Xylene	ug/L	ND	1.0	06/02/10 10:27	
p-Isopropyltoluene	ug/L	ND	1.0	06/02/10 10:27	
sec-Butylbenzene	ug/L	ND	1.0	06/02/10 10:27	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

METHOD BLANK: 177163 Matrix: Water

Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462007, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	06/02/10 10:27	
Tetrachloroethene	ug/L	ND	1.0	06/02/10 10:27	
Toluene	ug/L	ND	1.0	06/02/10 10:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/02/10 10:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/02/10 10:27	
Trichloroethene	ug/L	ND	1.0	06/02/10 10:27	
Vinyl chloride	ug/L	ND	1.0	06/02/10 10:27	
Xylene (Total)	ug/L	ND	3.0	06/02/10 10:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	06/02/10 10:27	
4-Bromofluorobenzene (S)	%	101	70-130	06/02/10 10:27	
Toluene-d8 (S)	%	97	70-130	06/02/10 10:27	

LABORATORY CONTROL SAMPLE: 177164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	14.9	74	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.4	92	70-130	
1,1,2-Trichloroethane	ug/L	20	18.5	93	70-130	
1,1-Dichloroethane	ug/L	20	18.5	92	70-130	
1,1-Dichloroethene	ug/L	20	14.8	74	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.4	92	70-130	
1,2,4-Trimethylbenzene	ug/L	20	17.2	86	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	17.4	87	70-130	
1,2-Dichlorobenzene	ug/L	20	18.0	90	70-130	
1,2-Dichloroethane	ug/L	20	15.3	77	70-130	
1,2-Dichloropropane	ug/L	20	19.8	99	70-130	
1,3,5-Trimethylbenzene	ug/L	20	16.9	85	70-130	
1,3-Dichlorobenzene	ug/L	20	18.7	94	70-130	
1,4-Dichlorobenzene	ug/L	20	17.8	89	70-130	
2-Butanone (MEK)	ug/L	20	16.9	84	70-130	
2-Hexanone	ug/L	20	17.2	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.0	90	70-130	
Acetone	ug/L	20	16.4	82	70-130	
Benzene	ug/L	20	18.7	94	70-130	
Bromochloromethane	ug/L	20	17.2	86	70-130	
Bromodichloromethane	ug/L	20	16.0	80	70-130	
Bromoform	ug/L	20	13.3	66	70-130	L0
Bromomethane	ug/L	20	16.3	82	70-130	
Carbon disulfide	ug/L	20	19.0	95	70-130	
Carbon tetrachloride	ug/L	20	16.6	83	70-130	
Chlorobenzene	ug/L	20	18.2	91	70-130	
Chloroethane	ug/L	20	12.2	61	70-130	L0
Chloroform	ug/L	20	17.1	85	70-130	
Chloromethane	ug/L	20	16.5	82	70-130	
cis-1,2-Dichloroethene	ug/L	20	17.8	89	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

LABORATORY CONTROL SAMPLE: 177164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	17.3	87	70-130	
Dibromochloromethane	ug/L	20	14.8	74	70-130	
Ethylbenzene	ug/L	20	17.9	89	70-130	
Isopropylbenzene (Cumene)	ug/L	20	17.7	88	70-130	
m&p-Xylene	ug/L	40	35.2	88	70-130	
Methyl-tert-butyl ether	ug/L	20	18.7	94	70-130	
Methylene Chloride	ug/L	20	18.6	93	70-130	
n-Butylbenzene	ug/L	20	17.6	88	70-130	
n-Propylbenzene	ug/L	20	18.2	91	70-130	
Naphthalene	ug/L	20	17.9	90	70-130	
o-Xylene	ug/L	20	16.6	83	70-130	
p-Isopropyltoluene	ug/L	20	16.7	84	70-130	
sec-Butylbenzene	ug/L	20	16.4	82	70-130	
Styrene	ug/L	20	17.1	86	70-130	
Tetrachloroethene	ug/L	20	18.9	95	70-130	
Toluene	ug/L	20	18.7	93	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.3	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	16.4	82	70-130	
Trichloroethene	ug/L	20	17.4	87	70-130	
Vinyl chloride	ug/L	20	20.2	101	70-130	
Xylene (Total)	ug/L	60	51.9	86	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177165 177166

Parameter	Units	3028462001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	14.6	15.5	73	77	70-130	6	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	16.5	18.0	83	90	70-130	8	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.2	16.0	86	80	70-130	7	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	18.6	89	93	70-130	5	
1,1-Dichloroethene	ug/L	ND	20	20	14.8	16.0	74	80	70-130	8	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	16.9	77	85	70-130	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	14.6	15.3	73	76	70-130	4	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	15.8	15.2	79	76	70-130	3	
1,2-Dichlorobenzene	ug/L	ND	20	20	15.4	16.4	77	82	70-130	6	
1,2-Dichloroethane	ug/L	ND	20	20	13.8	14.6	69	73	70-130	5	M0
1,2-Dichloropropane	ug/L	ND	20	20	18.6	17.0	93	85	70-130	9	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	14.7	15.6	74	78	70-130	6	
1,3-Dichlorobenzene	ug/L	ND	20	20	16.2	16.8	81	84	70-130	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	15.8	16.9	79	84	70-130	7	
2-Butanone (MEK)	ug/L	ND	20	20	15.4	18.5	77	93	70-130	18	
2-Hexanone	ug/L	ND	20	20	16.8	17.4	84	87	70-130	4	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	20	18.7	18.3	93	92	70-130	2	
Acetone	ug/L	ND	20	20	18.1	21.7	91	109	70-130	18	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177165 177166

Parameter	Units	3028462001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	18.1	17.2	91	86	70-130	5	
Bromochloromethane	ug/L	ND	20	20	17.1	17.0	85	85	70-130	.3	
Bromodichloromethane	ug/L	ND	20	20	14.8	13.5	74	67	70-130	9	M0
Bromoform	ug/L	ND	20	20	12.0	12.0	60	60	70-130	.6	M0
Bromomethane	ug/L	ND	20	20	12.5	14.6	63	73	70-130	15	M0
Carbon disulfide	ug/L	ND	20	20	22.0	20.4	110	102	70-130	8	
Carbon tetrachloride	ug/L	ND	20	20	17.9	14.2	89	71	70-130	23	
Chlorobenzene	ug/L	ND	20	20	16.5	15.6	82	78	70-130	5	
Chloroethane	ug/L	ND	20	20	17.6	12.8	88	64	70-130	32	M0,R1
Chloroform	ug/L	ND	20	20	15.8	17.0	79	85	70-130	8	
Chloromethane	ug/L	ND	20	20	17.1	16.6	85	83	70-130	3	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.1	18.3	86	92	70-130	7	
cis-1,3-Dichloropropene	ug/L	ND	20	20	14.4	14.0	72	70	70-130	3	M0
Dibromochloromethane	ug/L	ND	20	20	13.1	12.4	65	62	70-130	5	M0
Ethylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	70-130	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	15.9	16.6	79	83	70-130	5	
m&p-Xylene	ug/L	ND	40	40	31.4	30.1	78	75	70-130	4	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.3	17.2	97	86	70-130	12	
Methylene Chloride	ug/L	ND	20	20	17.6	18.8	88	94	70-130	6	
n-Butylbenzene	ug/L	ND	20	20	13.8	15.5	69	78	70-130	11	M0
n-Propylbenzene	ug/L	ND	20	20	15.7	16.6	78	83	70-130	6	
Naphthalene	ug/L	ND	20	20	14.7	17.1	73	86	70-130	15	
o-Xylene	ug/L	ND	20	20	15.2	14.6	76	73	70-130	4	
p-Isopropyltoluene	ug/L	ND	20	20	14.1	15.1	71	75	70-130	7	
sec-Butylbenzene	ug/L	ND	20	20	14.5	15.6	72	78	70-130	8	
Styrene	ug/L	ND	20	20	14.5	14.0	72	70	70-130	3	
Tetrachloroethene	ug/L	ND	20	20	17.6	18.2	88	91	70-130	3	
Toluene	ug/L	ND	20	20	17.5	16.5	88	83	70-130	6	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.3	18.5	86	92	70-130	7	
trans-1,3-Dichloropropene	ug/L	ND	20	20	14.3	13.4	72	67	70-130	7	M0
Trichloroethene	ug/L	ND	20	20	17.5	16.8	87	84	70-130	4	
Vinyl chloride	ug/L	ND	20	20	21.0	20.2	105	101	70-130	3	
Xylene (Total)	ug/L	ND	60	60	46.5	44.8	78	75	70-130	4	
1,2-Dichloroethane-d4 (S)	%						89	91	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						101	90	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: MSV/6013 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 3028462003, 3028462004

METHOD BLANK: 177054 | Matrix: Water
Associated Lab Samples: 3028462003, 3028462004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/02/10 02:18	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/02/10 02:18	
Benzene	ug/L	ND	1.0	06/02/10 02:18	
Ethylbenzene	ug/L	ND	1.0	06/02/10 02:18	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/02/10 02:18	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/02/10 02:18	
Naphthalene	ug/L	ND	2.0	06/02/10 02:18	
Toluene	ug/L	ND	1.0	06/02/10 02:18	
1,2-Dichloroethane-d4 (S)	%	107	70-130	06/02/10 02:18	
4-Bromofluorobenzene (S)	%	97	70-130	06/02/10 02:18	
Toluene-d8 (S)	%	98	70-130	06/02/10 02:18	

LABORATORY CONTROL SAMPLE: 177055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	22.8	114	70-130	
1,3,5-Trimethylbenzene	ug/L	20	23.4	117	70-130	
Benzene	ug/L	20	20.9	104	70-130	
Ethylbenzene	ug/L	20	21.2	106	70-130	
Isopropylbenzene (Cumene)	ug/L	20	23.2	116	70-130	
Methyl-tert-butyl ether	ug/L	20	20.3	102	70-130	
Naphthalene	ug/L	20	21.8	109	70-130	
Toluene	ug/L	20	21.6	108	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177056 177057

Parameter	Units	3028407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.4	21.2	112	106	70-130	6	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.3	21.8	112	109	70-130	2	
Benzene	ug/L	ND	20	20	22.2	20.9	111	105	70-130	6	
Ethylbenzene	ug/L	ND	20	20	22.1	20.8	110	104	70-130	6	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.4	22.5	117	112	70-130	4	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.2	21.8	111	109	70-130	2	
Naphthalene	ug/L	ND	20	20	19.6	17.7	98	89	70-130	10	
Toluene	ug/L	ND	20	20	23.0	21.7	115	109	70-130	5	
1,2-Dichloroethane-d4 (S)	%						97	101	70-130		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 177056 177057

Parameter	Units	3028407001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Bromofluorobenzene (S)	%						94	99	70-130		
Toluene-d8 (S)	%						99	97	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5832 Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 179109 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	06/06/10 12:55	

METHOD BLANK: 179111 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	06/06/10 12:55	

LABORATORY CONTROL SAMPLE: 179110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	42.1	36.5	87	78-114	

LABORATORY CONTROL SAMPLE: 179112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	42.1	37.2	88	78-114	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5777 Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A Analysis Description: 1664 SGT-HEM, TPH
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 177012 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/L	ND	5.0	06/01/10 07:38	

LABORATORY CONTROL SAMPLE: 177013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/L	21.1	18.5	88	64-132	

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CABOT-EPA 005314

DIM0223739 DIM0224707

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5858 Analysis Method: SM 2310B
QC Batch Method: SM 2310B Analysis Description: 2310B Acidity, Total
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 179743 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acidity, Total	mg/L	ND	10.0	06/09/10 21:00	

SAMPLE DUPLICATE: 179744

Parameter	Units	3028462002 Result	Dup Result	RPD	Qualifiers
Acidity, Total	mg/L	ND	ND		D6

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5856 — Analysis Method: SM 2320B
QC Batch Method: SM 2320B — Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3028462001, 3028462002

METHOD BLANK: 179731 — Matrix: Water
Associated Lab Samples: 3028462001, 3028462002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	06/08/10 20:35	

LABORATORY CONTROL SAMPLE: 179732

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	20	20.0	100	85-115	

MATRIX SPIKE SAMPLE: 179733

Parameter	Units	3028462002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	10.0	100	102	92	80-120	

SAMPLE DUPLICATE: 179734

Parameter	Units	3028462002 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	10.0	12.0	18	

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CABOT-EPA 005316

DIM0223739 DIM0224709

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5857 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3028462005, 3028462006, 3028462008

METHOD BLANK: 179735 Matrix: Water
Associated Lab Samples: 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	06/09/10 20:10	

LABORATORY CONTROL SAMPLE: 179736

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	20	20.0	100	85-115	

MATRIX SPIKE SAMPLE: 179737

Parameter	Units	3028941006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	100	88.0	86	80-120	

SAMPLE DUPLICATE: 179738

Parameter	Units	3028941006 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5753 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

METHOD BLANK: 176160 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	05/28/10 19:00	

LABORATORY CONTROL SAMPLE: 176161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	1000	1010	101	85-115	

SAMPLE DUPLICATE: 176162

Parameter	Units	3028462006 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	89.0	92.0	3	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5774 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3028462008

METHOD BLANK: 176850 | Matrix: Water
Associated Lab Samples: 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	06/01/10 20:00	

LABORATORY CONTROL SAMPLE: 176851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	1000	1060	106	85-115	

SAMPLE DUPLICATE: 176852

Parameter	Units	3028601001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	1670	1720	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5744 Analysis Method: SM 4500-H+B
QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

SAMPLE DUPLICATE: 175789

Parameter	Units	3028461002 Result	Dup Result	RPD	Qualifiers
pH at 25 Degrees C	Std. Units	9.3	9.3	.2	H6

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5758 | Analysis Method: SM 4500-H+B
QC Batch Method: SM 4500-H+B | Analysis Description: 4500H+B pH
Associated Lab Samples: 3028462008

SAMPLE DUPLICATE: 176466

Parameter	Units	3028546003 Result	Dup Result	RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.2	8.2	.1	H6

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5735 Analysis Method: SM 5540C
QC Batch Method: SM 5540C Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

METHOD BLANK: 175610 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	05/27/10 11:25	

LABORATORY CONTROL SAMPLE: 175611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.93	93	85-115	SU

MATRIX SPIKE SAMPLE: 175612

Parameter	Units	3028342003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.93	92	85-115	

SAMPLE DUPLICATE: 175613

Parameter	Units	3028342003 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WET/5762 | Analysis Method: SM 5540C
QC Batch Method: SM 5540C | Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028462008

METHOD BLANK: 176472 | Matrix: Water
Associated Lab Samples: 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	05/28/10 11:55	

LABORATORY CONTROL SAMPLE: 176473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.94	94	85-115	SU

MATRIX SPIKE SAMPLE: 176475

Parameter	Units	3028534003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	1.0	97	85-115	

SAMPLE DUPLICATE: 176474

Parameter	Units	3028534004 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	.056J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WETA/4364 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia, Distilled
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 177139 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ammonia, Distilled	mg/L	ND	0.10	05/29/10 00:00	

LABORATORY CONTROL SAMPLE: 177140

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia, Distilled	mg/L	4	3.9	98	85-115	

MATRIX SPIKE SAMPLE: 177141

Parameter	Units	3028462008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ammonia, Distilled	mg/L	ND	4	3.9	97	85-115	

SAMPLE DUPLICATE: 177142

Parameter	Units	3028462008 Result	Dup Result	RPD	Qualifiers
Ammonia, Distilled	mg/L	ND	.061J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028462

QC Batch: WETA/4431 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

METHOD BLANK: 179525 Matrix: Water
Associated Lab Samples: 3028462001, 3028462002, 3028462005, 3028462006, 3028462008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/08/10 10:54	

LABORATORY CONTROL SAMPLE: 179526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	40.1	100	85-115	

MATRIX SPIKE SAMPLE: 179527

Parameter	Units	3028661011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	64.2	20	77.6	67	85-115	M1

SAMPLE DUPLICATE: 179528

Parameter	Units	3028661011 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	64.2	63.9	.4	

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QUALIFIERS

Project: KLG
Pace Project No.: 3028462

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

WORKORDER QUALIFIERS

WO: 3028462

[1] The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

BATCH QUALIFIERS

Batch: OEXT/5041

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: OEXT/5042

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
H6	Analysis initiated more than 15 minutes after sample collection.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
SU	MBAS, calculated as LAS, Mol wt 342.2 g/mol

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CABOT-EPA 005326

DIM0223739 DIM0224719

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028462001	[redacted]POND	EPA 3510	OEXT/5042	EPA 8015B Modified	GCSV/2530
3028462002	[redacted]DW SEEP	EPA 3510	OEXT/5042	EPA 8015B Modified	GCSV/2530
3028462005	[redacted]DN	EPA 3510	OEXT/5042	EPA 8015B Modified	GCSV/2530
3028462006	[redacted]UP	EPA 3510	OEXT/5042	EPA 8015B Modified	GCSV/2530
3028462008	[redacted]DW SEEP D	EPA 3510	OEXT/5042	EPA 8015B Modified	GCSV/2530
3028462001	[redacted]POND	EPA 5030/8015 Mod.	GCV/1352		
3028462002	[redacted]DW SEEP	EPA 5030/8015 Mod.	GCV/1352		
3028462005	[redacted]-DN	EPA 5030/8015 Mod.	GCV/1352		
3028462006	[redacted]UP	EPA 5030/8015 Mod.	GCV/1352		
3028462008	[redacted]DW SEEP D	EPA 5030/8015 Mod.	GCV/1352		
3028462001	[redacted]POND	EPA 3005	MPRP/3960	EPA 6010B	ICP/3550
3028462002	[redacted]DW SEEP	EPA 3005	MPRP/3960	EPA 6010B	ICP/3550
3028462005	[redacted]DN	EPA 3005	MPRP/3960	EPA 6010B	ICP/3550
3028462006	[redacted]UP	EPA 3005	MPRP/3960	EPA 6010B	ICP/3550
3028462008	[redacted]DW SEEP D	EPA 3005	MPRP/3960	EPA 6010B	ICP/3550
3028462001	[redacted]POND	EPA 3005	MPRP/3974	EPA 6010	ICP/3562
3028462002	[redacted]DW SEEP	EPA 3005	MPRP/3974	EPA 6010	ICP/3562
3028462005	[redacted]DN	EPA 3005	MPRP/3974	EPA 6010	ICP/3562
3028462006	[redacted]UP	EPA 3005	MPRP/3974	EPA 6010	ICP/3562
3028462008	[redacted]DW SEEP D	EPA 3005	MPRP/3974	EPA 6010	ICP/3562
3028462001	[redacted]POND	EPA 7470	MERP/1961	EPA 7470	MERC/1913
3028462002	[redacted]DW SEEP	EPA 7470	MERP/1961	EPA 7470	MERC/1913
3028462005	[redacted]DN	EPA 7470	MERP/1961	EPA 7470	MERC/1913
3028462006	[redacted]UP	EPA 7470	MERP/1961	EPA 7470	MERC/1913
3028462008	[redacted]DW SEEP D	EPA 7470	MERP/1961	EPA 7470	MERC/1913
3028462001	[redacted]POND	EPA 7470	MERP/1966	EPA 7470	MERC/1916
3028462002	[redacted]DW SEEP	EPA 7470	MERP/1966	EPA 7470	MERC/1916
3028462005	[redacted]DN	EPA 7470	MERP/1966	EPA 7470	MERC/1916
3028462006	[redacted]UP	EPA 7470	MERP/1966	EPA 7470	MERC/1916
3028462008	[redacted]DW SEEP D	EPA 7470	MERP/1975	EPA 7470	MERC/1924
3028462001	[redacted]POND	EPA 3510	OEXT/5041	EPA 8270	MSSV/2141
3028462002	[redacted]DW SEEP	EPA 3510	OEXT/5041	EPA 8270	MSSV/2141
3028462005	[redacted]DN	EPA 3510	OEXT/5041	EPA 8270	MSSV/2141
3028462006	[redacted]UP	EPA 3510	OEXT/5041	EPA 8270	MSSV/2141
3028462008	[redacted]DW SEEP D	EPA 3510	OEXT/5041	EPA 8270	MSSV/2141
3028462001	[redacted]POND	EPA 8260	MSV/6023		
3028462002	[redacted]DW SEEP	EPA 8260	MSV/6023		
3028462005	[redacted]DN	EPA 8260	MSV/6023		
3028462006	[redacted]UP	EPA 8260	MSV/6023		
3028462007	TRIP BLANK	EPA 8260	MSV/6023		
3028462008	[redacted]DW SEEP D	EPA 8260	MSV/6023		
3028462003	[redacted]6-UP	EPA 8260	MSV/6013		
3028462004	[redacted]6-DN	EPA 8260	MSV/6013		
3028462001	[redacted]POND	EPA 1664A	WET/5832		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028462002	[redacted]DW SEEP	EPA 1664A	WET/5832		
3028462005	[redacted]DN	EPA 1664A	WET/5832		
3028462006	[redacted]UP	EPA 1664A	WET/5832		
3028462008	[redacted]-DW SEEP D	EPA 1664A	WET/5832		
3028462001	[redacted]-POND	EPA 1664A	WET/5777		
3028462002	[redacted]-DW SEEP	EPA 1664A	WET/5777		
3028462005	[redacted]-DN	EPA 1664A	WET/5777		
3028462006	[redacted]-UP	EPA 1664A	WET/5777		
3028462008	[redacted]-DW SEEP D	EPA 1664A	WET/5777		
3028462001	[redacted]-POND	SM 2310B	WET/5858		
3028462002	[redacted]-DW SEEP	SM 2310B	WET/5858		
3028462005	[redacted]DN	SM 2310B	WET/5858		
3028462006	[redacted]UP	SM 2310B	WET/5858		
3028462008	[redacted]-DW SEEP D	SM 2310B	WET/5858		
3028462001	[redacted]-POND	SM 2320B	WET/5856		
3028462002	[redacted]-DW SEEP	SM 2320B	WET/5856		
3028462005	[redacted]-DN	SM 2320B	WET/5857		
3028462006	[redacted]-UP	SM 2320B	WET/5857		
3028462008	[redacted]DW SEEP D	SM 2320B	WET/5857		
3028462001	[redacted]-POND	SM 2540C	WET/5753		
3028462002	[redacted]-DW SEEP	SM 2540C	WET/5753		
3028462005	[redacted]-DN	SM 2540C	WET/5753		
3028462006	[redacted]-UP	SM 2540C	WET/5753		
3028462008	[redacted]-DW SEEP D	SM 2540C	WET/5774		
3028462001	[redacted]-POND	SM 4500-H+B	WET/5744		
3028462002	[redacted]-DW SEEP	SM 4500-H+B	WET/5744		
3028462005	[redacted]-DN	SM 4500-H+B	WET/5744		
3028462006	[redacted]-UP	SM 4500-H+B	WET/5744		
3028462008	[redacted]-DW SEEP D	SM 4500-H+B	WET/5758		
3028462001	[redacted]-POND	SM 5540C	WET/5735		
3028462002	[redacted]-DW SEEP	SM 5540C	WET/5735		
3028462005	[redacted]-DN	SM 5540C	WET/5735		
3028462006	[redacted]-UP	SM 5540C	WET/5735		
3028462008	[redacted]-DW SEEP D	SM 5540C	WET/5762		
3028462001	[redacted]-POND	EPA 350.1	WETA/4364		
3028462002	[redacted]-DW SEEP	EPA 350.1	WETA/4364		
3028462005	[redacted]-DN	EPA 350.1	WETA/4364		
3028462006	[redacted]-UP	EPA 350.1	WETA/4364		
3028462008	[redacted]-DW SEEP D	EPA 350.1	WETA/4364		
3028462001	[redacted]-POND	SM 4500-Cl-E	WETA/4431		
3028462002	[redacted]-DW SEEP	SM 4500-Cl-E	WETA/4431		
3028462005	[redacted]-DN	SM 4500-Cl-E	WETA/4431		
3028462006	[redacted]-UP	SM 4500-Cl-E	WETA/4431		

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028462

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028462008	[redacted]DW SEEP D	SM 4500-Cl-E	WETA/4431		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 176711

Sample wt/vol: 1000 (g/mL) ML Lab File ID: M10601A7

Level: (low/med) LOW Date Received: 06/01/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.30	3.02	J
2. 1120-21-4	UNDECANE $$ N-UNDECANE $$ HE	5.52	0.521	NJ
3.	UNKNOWN	6.08	0.991	J
4. 143-07-7	DODECANOIC ACID $$ N-DODECAN	8.43	1.60	NJ
5. 57-10-3	HEXADECANOIC ACID	10.19	1.17	NJ
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]DN

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 3028462005

Sample wt/vol: 840.0 (g/mL) ML Lab File ID: M10601B3

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.16	0.969	J
2.	UNKNOWN	2.46	0.682	J
3.	UNKNOWN	2.61	1.13	J
4.	UNKNOWN	4.30	3.63	J
5. 1120-21-4	UNDECANE	5.52	0.729	NJ
6. 5469-16-9	2(3H)-FURANONE, DIHYDRO-4-HY	6.09	1.70	NJ
7. 143-07-7	DODECANOIC ACID $$ N-DODECAN	8.43	2.56	NJ
8. 57-10-3	N-HEXADECANOIC ACID	10.19	0.933	NJ
9.	UNKNOWN	11.66	1.30	J
10. 112-84-5	ERUCYLAMIDE $$ 13-DOCOSENAMI	12.96	1.16	NJ
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]UP

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 3028462006

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: M10601B4

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.16	0.536	J
2. 1120-21-4	UNDECANE $$ N-UNDECANE $$ HE	5.53	0.457	NJ
3.	UNKNOWN	6.08	0.537	J
4. 143-07-7	DODECANOIC ACID	8.43	0.946	NJ
5. 57-10-3	HEXADECANOIC ACID	10.19	0.415	NJ
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-DW SEEP

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 3028462002

Sample wt/vol: 950.0 (g/mL) ML Lab File ID: M10601B2

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.61	1.43	J
2.	UNKNOWN	4.30	2.71	J
3. 1120-21-4	UNDECANE	5.53	0.536	NJ
4.	UNKNOWN	6.08	0.545	J
5. 143-07-7	DODECANOIC ACID $$ N-DODECAN	8.43	1.15	NJ
6.	UNKNOWN	11.66	0.426	J
7.	UNKNOWN	12.96	0.515	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-DW SEEP D

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 3028462008

Sample wt/vol: 915.0 (g/mL) ML Lab File ID: M10601B5

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.29	2.71	J
2. 1120-21-4	UNDECANE	5.53	0.568	NJ
3.	UNKNOWN	6.75	0.000	
4. 544-76-3	HEXADECANE	13.29	1.60	NJ
5.	UNKNOWN	13.86	2.99	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:00

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[redacted]-POND

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106011

Matrix: (soil/water) WATER Lab Sample ID: 3028462001

Sample wt/vol: 955.0 (g/mL) ML Lab File ID: M10601B1

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.15	2.05	J
2.	UNKNOWN	2.46	1.64	J
3.	UNKNOWN	4.30	3.20	J
4. 1120-21-4	UNDECANE	5.52	0.715	NJ
5.	UNKNOWN	6.09	1.54	J
6.	UNKNOWN	6.28	0.448	J
7. 143-07-7	DODECANOIC ACID $$ N-DODECAN	8.44	3.92	NJ
8. 57-10-3	N-HEXADECANOIC ACID	10.19	1.81	NJ
9. 301-02-0	9-OCTADECENAMIDE, (Z)-	11.66	2.90	NJ
10. 301-02-0	9-OCTADECENAMIDE, (Z)-	11.69	0.977	NJ
11.	UNKNOWN	12.83	1.03	J
12. 301-02-0	9-OCTADECENAMIDE, (Z)-	12.96	1.71	NJ
13.	UNKNOWN	14.30	0.531	J
14.	UNKNOWN	14.46	0.493	J
15.				
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FORM I SV-TIC

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1349243

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive, Pittsburgh, PA 15220
Email To: James_Pinta@URSCorp.com
Phone: 412-503-4602 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinta@URSCorp.com
Copy To: Mark_Helsing@URSCorp.com, Andy_Nowalko@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 399.39654.00001

Section C Invoice Information:

Attention: Thomas_Marsk@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive, Pittsburgh, PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOCs (TCL + Special)	SVOCs (TCL)	DRO	TOT. METALS (TAL)	Dis MET (TAL) (HDP)	MBAS	pH, Alkality, Acid Tot	Tot Phenol (Ammonia)	Gasoline Range Organics	Glycols	PA Short List All	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted] - POND			5/26/10		16:35												X	X	X	X	X	X	X	X	X	X		001
2	[redacted] - DW SEEP			5/26/10		16:00												X	X	X	X	X	X	X	X	X	X		002
3	[redacted] - DW SEEP D			5/26/10		16:45												X	X	X	X	X	X	X	X	X	X		~~008~~
4	~~[redacted] - 6 - DN~~			~~5/2~~																									
5	[redacted] - 6 - UP			5/26/10		14:30																				X	X		003
6	[redacted] - 6 - DN			5/26/10		15:15																				X	X		004
7																													
8	[redacted] - DN			5/26/10		10:30 AM												X	X	X	X	X	X	X	X	X	X		005
9	[redacted] - UP			5/26/10		10:45 AM												X	X	X	X	X	X	X	X	X	X		006
10																													TB 007
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	5/26/10 To FedEx		[signature]	5-27	1000	4.0	Y	X	Y
									5-27-10	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: James Pinta
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5/26/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month on invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 005336

DIM0223739 DIM0224729

URS Project for KLG

Analytical Parameters Requested
Soils and Water Samples

List	Sample Series	Analytical Parameters Requested													
		VOCs - TCL+Special List	SVOCs - TCL + TICS	Total Metals	Dissolved Metals	Ethylene Glycol	DRO + GRO	Acidity, Alkalinity, TDS	TPH - 1664A	Chloride	MBAS	pH	Nitrogen (as Ammonia)	PA Short List for Diesel	PA Short List for **ALL** Petroleum Products
Soils															
P/F	[redacted]1	x	x	x		x				x	x		x		
Extended	BRK	x	x	x		x	x			x	x	x	x		
P/F	[redacted]	x	x	x		x				x	x		x		
P/F	[redacted]1	x	x	x		x				x	x		x		
P/F	[redacted]2	x	x	x		x				x	x		x		
SL4D	[redacted]5 - "P samples"													x	
P/F	[redacted]5 - "B samples"	x	x	x		x				x	x		x		
Extended	[redacted]4/6	x	x	x		x	x			x	x	x	x		
SL4D	[redacted]3 - "P samples"													x	
P/F	[redacted]3 - "B samples"	x	x	x		x				x	x		x		
P/F	[redacted]7	x	x	x		x				x	x		x		
SL4D	[redacted]2 - "P samples"														
P/F + SL4D	[redacted]2 - "B samples"	x	x	x		x				x	x		x	x	
P/F	[redacted]5	x	x	x		x				x	x		x		
SL4Petroleum Prod	[redacted]5														x
P/F	[redacted]7	x	x	x		x				x	x		x		
Water															
Ext	[redacted]4/6	x	x	x	x	x	x	x	x	x	x	x	x		
Ext	[redacted]	x	x	x	x	x	x	x	x	x	x	x	x		
PADL4D + Glycol	[redacted]6					x								x	

CABOT-EPA 005337

DIM0223739

DIM0224730

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS

Project # 30284602

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8656 5496 1960

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 4.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-27-10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☐Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6. MBAS ph
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☐Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC:	☐Yes ☐No ☐N/A	12. did not receive [redacted] DW Seep D. } sample received on 5-28 added on project
-Includes date/time/ID/Analysis Matrix:	NO	
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed ✓ / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Do not need Sim per S.P. TPH 5/28

Project Manager Review: _____ **Date:** 5/28/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

CABOT-EPA 005338

1020 called
1400 called

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS Project # 30284602

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 795754001152

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____ no ice left

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 5-5 Biological Tissue is Frozen: Yes No Date and Initials of person examining contents: _____

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☐Yes	☐No	☐N/A	1.	
Chain of Custody Filled Out:	☐Yes	☐No	☐N/A	2.	
Chain of Custody Relinquished:	☐Yes	☐No	☐N/A	3.	
Sampler Name & Signature on COC:	☐Yes	☐No	☐N/A	4.	
Samples Arrived within Hold Time:	☐Yes	☐No	☐N/A	5.	
Short Hold Time Analysis (<72hr):	☐Yes	☐No	☐N/A	6.	NOAS pH
Rush Turn Around Time Requested:	☐Yes	☐No	☐N/A	7.	
Sufficient Volume:	☐Yes	☐No	☐N/A	8.	
Correct Containers Used:	☐Yes	☐No	☐N/A	9.	missing samples from project
-Pace Containers Used:	☐Yes	☐No	☐N/A		recv. on 5-27-10
Containers Intact:	☐Yes	☐No	☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes	☐No	☐N/A	11.	
Sample Labels match COC:	☐Yes	☐No	☐N/A	12.	
-Includes date/time/ID/Analysis Matrix: AQ					
All containers needing preservation have been checked.	☐Yes	☐No	☐N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☐N/A		
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☐N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	15.	
Trip Blank Present:	☐Yes	☐No	☐N/A	16.	
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A		
Pace Trip Blank Lot # (if purchased): _____					

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008060

Project Number
3028462

Issued
Tuesday, June 08, 2010

Total Number of Pages
4 (excluding C.O.C. and cooler receipt form)

Approved By :

QA Manager

NELAC Accreditation #E87688

"Analytical Integrity" · EPA Certified · NELAP Certified
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

Sample Summary

Client: Pace Analytical
Order Number: 1008060

Laboratory ID	Client ID	Matrix	Sampling Date
1008060-01	3028462001	Liquid	5/26/2010
1008060-02	3028462002	Liquid	5/26/2010
1008060-03	3028462003	Liquid	5/26/2010
1008060-04	3028462004	Liquid	5/26/2010
1008060-05	3028462005	Liquid	5/26/2010
1008060-06	3028462006	Liquid	5/26/2010
1008060-07	3028462008	Liquid	5/26/2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008060

No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 08, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 5/29/2010
Project #: 3028462

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028462001	1008060-01	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462002	1008060-02	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462003	1008060-03	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462004	1008060-04	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462005	1008060-05	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462006	1008060-06	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN
3028462008	1008060-07	26-May-10	Ethylene glycol	ND	mg/L	L	8015	1	10	04-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical™
www.pacelabs.com

Subcontractor Project No.:
P.O. No: ASR- 3028462

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 5/28/10 Analysis Due Date: 6/11/2010
Shipped By: FedEx

Certification Required: PA Cert

Page 1 of 1

Pace Project No.: 3028462
Report/Invoice to: Tim Reed

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028462001	WT	5/26/10	16:35	Ethylene Glycol	8015		
2	3028462002	WT	5/26/10	16:00	Ethylene Glycol	8015		
3	3028462003	WT	5/26/10	14:30	Ethylene Glycol	8015		
4	3028462004	WT	5/26/10	15:15	Ethylene Glycol	8015		
5	3028462005	WT	5/26/10	10:30	Ethylene Glycol	8015		
6	3028462006	WT	5/26/10	10:45	Ethylene Glycol	8015		
7	3028462008	WT	5/26/10	16:15	Ethylene Glycol per Tim 5/28/10	8015		
8								
9								
10								
11								
12								

1008060-01-07

Special Requirements:

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____ Pace Agent Name _____ Title
Acceptance of Terms By: _____ Subcontract Lab Agent _____ Title

Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: [signature] 5-28-10 10:00 (Signature & Affiliation) (Date) (Time)
Relinquised By: _____ (Signature & Affiliation) (Date) (Time)
Received By: _____ (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005344

DIM0223739 DIM0224737

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace

Order Number: 1008060

Date Received: 5-29-10

Time Received: 10:00

Number of Coolers/Boxes: 2

N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.1 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

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www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 14, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028586

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

Cooler temperature 9.9 ° C upon receipt. Ice was present.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLG
Pace Project No.: 3028586

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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Greensburg, PA 15601
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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028586001	BRK-1H-P1A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586002	BRK-1H-P1(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586003	BRK-1H-P1B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586004	BRK-1H-P1B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586005	BRK-1H-P2A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586006	BRK-1H-P2A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586007	BRK-1H-P2B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586008	BRK-1H-P2B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586009	BRK-1H-P3A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586010	BRK-1H-P3A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586011	BRK-1H-P3B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586012	BRK-1H-P3B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586013	BRK-1H-P4A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1	DJT	1	PASI-PA
3028586014	BRK-1H-P4A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586015	BRK-1H-P4B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586016	BRK-1H-P4B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586017	BRK-1H-P5A	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586018	BRK-1H-P5A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586019	BRK-1H-P5B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586020	BRK-1H-P5B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586021	BRK-1H-P6A	EPA 8015B Modified	CWB	2	PASI-PA

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Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586022	BRK-1H-P6A(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA
3028586023	BRK-1H-P6B	EPA 8015B Modified	CWB	2	PASI-PA
		EPA 8015B Modified	MAK	2	PASI-PA
		EPA 6010B	CTS	24	PASI-PA
		EPA 7471	CTS	1	PASI-PA
		EPA 8270	SPL	70	PASI-PA
		EPA 8260	JEW	53	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
		EPA 9045	MDF	1	PASI-PA
		EPA 350.1	DJT	1	PASI-PA
3028586024	BRK-1H-P6B(ASTM)	SM 5540C	DLD	1	PASI-PA
		SM 4500-Cl-E	DJT	1	PASI-PA

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Greensburg, PA 15601
(724)850-5600

HITS ONLY

Project: KLG
Pace Project No.: 3028586

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586001	**BRK-1H-P1A**					
EPA 8015B Modified	Diesel Components	13.3	mg/kg	7.5	06/11/10 18:45	
EPA 6010B	Aluminum	12200	mg/kg	8.9	06/14/10 12:10	
EPA 6010B	Arsenic	10.5	mg/kg	0.45	06/14/10 12:10	
EPA 6010B	Barium	144	mg/kg	1.8	06/14/10 12:10	
EPA 6010B	Beryllium	0.62	mg/kg	0.18	06/14/10 12:10	
EPA 6010B	Boron	7.7	mg/kg	4.5	06/14/10 12:10	
EPA 6010B	Cadmium	0.41	mg/kg	0.18	06/14/10 12:10	
EPA 6010B	Calcium	932	mg/kg	178	06/14/10 12:10	
EPA 6010B	Chromium	14.5	mg/kg	0.45	06/14/10 12:10	
EPA 6010B	Cobalt	11.8	mg/kg	0.89	06/14/10 12:10	
EPA 6010B	Copper	13.1	mg/kg	0.89	06/14/10 12:10	
EPA 6010B	Iron	26700	mg/kg	8.9	06/14/10 12:10	
EPA 6010B	Lead	16.8	mg/kg	0.45	06/14/10 12:10	
EPA 6010B	Magnesium	3320	mg/kg	44.6	06/14/10 12:10	
EPA 6010B	Manganese	579	mg/kg	0.89	06/14/10 12:10	
EPA 6010B	Nickel	17.8	mg/kg	1.8	06/14/10 12:10	
EPA 6010B	Potassium	1260	mg/kg	44.6	06/14/10 12:10	
EPA 6010B	Silver	0.53	mg/kg	0.18	06/14/10 12:10	
EPA 6010B	Vanadium	18.7	mg/kg	0.89	06/14/10 12:10	
EPA 6010B	Zinc	53.8	mg/kg	0.89	06/14/10 12:10	
EPA 8260	Acetone	52.9	ug/kg	9.8	06/04/10 22:29	
EPA 8260	Toluene	19.8	ug/kg	4.9	06/04/10 22:29	
ASTM D2974-87	Percent Moisture	12.4	%	0.10	06/11/10 10:52	
EPA 9045	pH at 25 Degrees C	6.1	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	179	mg/kg	5.7	06/09/10 16:59	
3028586003	**BRK-1H-P1B**					
EPA 6010B	Aluminum	9610	mg/kg	10.5	06/14/10 12:24	
EPA 6010B	Arsenic	8.4	mg/kg	0.52	06/14/10 12:24	
EPA 6010B	Barium	108	mg/kg	2.1	06/14/10 12:24	
EPA 6010B	Beryllium	0.52	mg/kg	0.21	06/14/10 12:24	
EPA 6010B	Boron	6.7	mg/kg	5.2	06/14/10 12:24	
EPA 6010B	Cadmium	0.25	mg/kg	0.21	06/14/10 12:24	
EPA 6010B	Calcium	1120	mg/kg	210	06/14/10 12:24	
EPA 6010B	Chromium	12.3	mg/kg	0.52	06/14/10 12:24	
EPA 6010B	Cobalt	9.9	mg/kg	1.0	06/14/10 12:24	
EPA 6010B	Copper	12.5	mg/kg	1.0	06/14/10 12:24	
EPA 6010B	Iron	21000	mg/kg	10.5	06/14/10 12:24	
EPA 6010B	Lead	8.8	mg/kg	0.52	06/14/10 12:24	
EPA 6010B	Magnesium	3200	mg/kg	52.5	06/14/10 12:24	
EPA 6010B	Manganese	545	mg/kg	1.0	06/14/10 12:24	
EPA 6010B	Nickel	18.5	mg/kg	2.1	06/14/10 12:24	
EPA 6010B	Potassium	1290	mg/kg	52.5	06/14/10 12:24	
EPA 6010B	Silver	0.46	mg/kg	0.21	06/14/10 12:24	
EPA 6010B	Vanadium	12.7	mg/kg	1.0	06/14/10 12:24	
EPA 6010B	Zinc	46.1	mg/kg	1.0	06/14/10 12:24	
EPA 8260	Acetone	24.8	ug/kg	9.3	06/04/10 22:53	
ASTM D2974-87	Percent Moisture	10.1	%	0.10	06/11/10 10:53	

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CABOT-EPA 005352

DIM0223739 DIM0224745

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
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Project: KLG
Pace Project No.: 3028586

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586003	**BRK-1H-P1B**					
EPA 9045	pH at 25 Degrees C	5.6	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	6.2	mg/kg	5.2	06/09/10 17:00	
3028586005	**BRK-1H-P2A**					
EPA 6010B	Aluminum	12900	mg/kg	8.0	06/14/10 12:27	
EPA 6010B	Arsenic	7.2	mg/kg	0.40	06/14/10 12:27	
EPA 6010B	Barium	91.8	mg/kg	1.6	06/14/10 12:27	
EPA 6010B	Beryllium	0.58	mg/kg	0.16	06/14/10 12:27	
EPA 6010B	Boron	7.1	mg/kg	4.0	06/14/10 12:27	
EPA 6010B	Cadmium	0.38	mg/kg	0.16	06/14/10 12:27	
EPA 6010B	Calcium	667	mg/kg	160	06/14/10 12:27	
EPA 6010B	Chromium	14.4	mg/kg	0.40	06/14/10 12:27	
EPA 6010B	Cobalt	12.1	mg/kg	0.80	06/14/10 12:27	
EPA 6010B	Copper	8.7	mg/kg	0.80	06/14/10 12:27	
EPA 6010B	Iron	25500	mg/kg	8.0	06/14/10 12:27	
EPA 6010B	Lead	12.4	mg/kg	0.40	06/14/10 12:27	
EPA 6010B	Magnesium	2870	mg/kg	40.0	06/14/10 12:27	
EPA 6010B	Manganese	631	mg/kg	0.80	06/14/10 12:27	
EPA 6010B	Nickel	14.5	mg/kg	1.6	06/14/10 12:27	
EPA 6010B	Potassium	1260	mg/kg	40.0	06/14/10 12:27	
EPA 6010B	Silver	0.55	mg/kg	0.16	06/14/10 12:27	
EPA 6010B	Vanadium	19.4	mg/kg	0.80	06/14/10 12:27	
EPA 6010B	Zinc	49.5	mg/kg	0.80	06/14/10 12:27	
EPA 8260	Acetone	119	ug/kg	10.3	06/04/10 23:17	
ASTM D2974-87	Percent Moisture	13.2	%	0.10	06/11/10 10:53	
EPA 9045	pH at 25 Degrees C	6.0	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	41.0	mg/kg	5.8	06/09/10 17:06	
3028586007	**BRK-1H-P2B**					
EPA 6010B	Aluminum	10300	mg/kg	9.5	06/14/10 12:30	
EPA 6010B	Antimony	0.85	mg/kg	0.47	06/14/10 12:30	
EPA 6010B	Arsenic	8.2	mg/kg	0.47	06/14/10 12:30	
EPA 6010B	Barium	119	mg/kg	1.9	06/14/10 12:30	
EPA 6010B	Beryllium	0.61	mg/kg	0.19	06/14/10 12:30	
EPA 6010B	Boron	7.5	mg/kg	4.7	06/14/10 12:30	
EPA 6010B	Cadmium	0.44	mg/kg	0.19	06/14/10 12:30	
EPA 6010B	Calcium	1070	mg/kg	190	06/14/10 12:30	
EPA 6010B	Chromium	12.6	mg/kg	0.47	06/14/10 12:30	
EPA 6010B	Cobalt	12.9	mg/kg	0.95	06/14/10 12:30	
EPA 6010B	Copper	16.1	mg/kg	0.95	06/14/10 12:30	
EPA 6010B	Iron	23500	mg/kg	9.5	06/14/10 12:30	
EPA 6010B	Lead	12.4	mg/kg	0.47	06/14/10 12:30	
EPA 6010B	Magnesium	3370	mg/kg	47.4	06/14/10 12:30	
EPA 6010B	Manganese	739	mg/kg	0.95	06/14/10 12:30	
EPA 6010B	Nickel	21.4	mg/kg	1.9	06/14/10 12:30	
EPA 6010B	Potassium	1490	mg/kg	47.4	06/14/10 12:30	
EPA 6010B	Silver	0.50	mg/kg	0.19	06/14/10 12:30	
EPA 6010B	Vanadium	14.6	mg/kg	0.95	06/14/10 12:30	

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CABOT-EPA 005353

DIM0223739 DIM0224746

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Project: KLG
Pace Project No.: 3028586

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586007	**BRK-1H-P2B**					
EPA 6010B	Zinc	51.5	mg/kg	0.95	06/14/10 12:30	
EPA 8260	Acetone	11.2	ug/kg	9.8	06/04/10 23:41	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	06/11/10 10:54	
EPA 9045	pH at 25 Degrees C	6.7	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	6.8	mg/kg	5.2	06/09/10 17:07	
3028586009	**BRK-1H-P3A**					
EPA 6010B	Aluminum	10100	mg/kg	8.7	06/14/10 12:33	
EPA 6010B	Arsenic	6.0	mg/kg	0.43	06/14/10 12:33	
EPA 6010B	Barium	121	mg/kg	1.7	06/14/10 12:33	
EPA 6010B	Beryllium	0.45	mg/kg	0.17	06/14/10 12:33	
EPA 6010B	Boron	6.2	mg/kg	4.3	06/14/10 12:33	
EPA 6010B	Cadmium	0.32	mg/kg	0.17	06/14/10 12:33	
EPA 6010B	Calcium	1220	mg/kg	174	06/14/10 12:33	
EPA 6010B	Chromium	10.9	mg/kg	0.43	06/14/10 12:33	
EPA 6010B	Cobalt	7.3	mg/kg	0.87	06/14/10 12:33	
EPA 6010B	Copper	8.3	mg/kg	0.87	06/14/10 12:33	
EPA 6010B	Iron	17000	mg/kg	8.7	06/14/10 12:33	
EPA 6010B	Lead	13.6	mg/kg	0.43	06/14/10 12:33	
EPA 6010B	Magnesium	2120	mg/kg	43.5	06/14/10 12:33	
EPA 6010B	Manganese	758	mg/kg	0.87	06/14/10 12:33	
EPA 6010B	Nickel	10.9	mg/kg	1.7	06/14/10 12:33	
EPA 6010B	Potassium	1180	mg/kg	43.5	06/14/10 12:33	
EPA 6010B	Silver	0.48	mg/kg	0.17	06/14/10 12:33	
EPA 6010B	Vanadium	16.4	mg/kg	0.87	06/14/10 12:33	
EPA 6010B	Zinc	53.5	mg/kg	0.87	06/14/10 12:33	
EPA 8260	Acetone	55.0	ug/kg	8.5	06/05/10 00:05	
ASTM D2974-87	Percent Moisture	12.9	%	0.10	06/11/10 10:54	
EPA 9045	pH at 25 Degrees C	6.1	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	59.7	mg/kg	5.6	06/09/10 17:08	
3028586011	**BRK-1H-P3B**					
EPA 6010B	Aluminum	13200	mg/kg	8.1	06/14/10 12:36	
EPA 6010B	Antimony	0.59	mg/kg	0.41	06/14/10 12:36	
EPA 6010B	Arsenic	7.3	mg/kg	0.41	06/14/10 12:36	
EPA 6010B	Barium	134	mg/kg	1.6	06/14/10 12:36	
EPA 6010B	Beryllium	0.64	mg/kg	0.16	06/14/10 12:36	
EPA 6010B	Boron	8.4	mg/kg	4.1	06/14/10 12:36	
EPA 6010B	Cadmium	0.32	mg/kg	0.16	06/14/10 12:36	
EPA 6010B	Calcium	1120	mg/kg	163	06/14/10 12:36	
EPA 6010B	Chromium	16.4	mg/kg	0.41	06/14/10 12:36	
EPA 6010B	Cobalt	9.9	mg/kg	0.81	06/14/10 12:36	
EPA 6010B	Copper	17.7	mg/kg	0.81	06/14/10 12:36	
EPA 6010B	Iron	26100	mg/kg	8.1	06/14/10 12:36	
EPA 6010B	Lead	10.4	mg/kg	0.41	06/14/10 12:36	
EPA 6010B	Magnesium	3990	mg/kg	40.7	06/14/10 12:36	
EPA 6010B	Manganese	515	mg/kg	0.81	06/14/10 12:36	
EPA 6010B	Nickel	21.8	mg/kg	1.6	06/14/10 12:36	

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Project: KLG
Pace Project No.: 3028586

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586011	**BRK-1H-P3B**					
EPA 6010B	Potassium	1650	mg/kg	40.7	06/14/10 12:36	
EPA 6010B	Silver	0.40	mg/kg	0.16	06/14/10 12:36	
EPA 6010B	Vanadium	20.5	mg/kg	0.81	06/14/10 12:36	
EPA 6010B	Zinc	59.0	mg/kg	0.81	06/14/10 12:36	
EPA 8260	Acetone	29.2	ug/kg	11.6	06/05/10 00:29	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	06/11/10 10:56	
EPA 9045	pH at 25 Degrees C	6.6	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	18.8	mg/kg	5.2	06/09/10 17:09	
3028586013	**BRK-1H-P4A**					
EPA 8015B Modified	Diesel Components	8.0	mg/kg	7.8	06/11/10 22:20	
EPA 6010B	Aluminum	12400	mg/kg	9.2	06/14/10 12:52	
EPA 6010B	Arsenic	7.9	mg/kg	0.46	06/14/10 12:52	
EPA 6010B	Barium	164	mg/kg	1.8	06/14/10 12:52	
EPA 6010B	Beryllium	0.63	mg/kg	0.18	06/14/10 12:52	
EPA 6010B	Boron	6.4	mg/kg	4.6	06/14/10 12:52	
EPA 6010B	Cadmium	0.32	mg/kg	0.18	06/14/10 12:52	
EPA 6010B	Calcium	1120	mg/kg	184	06/14/10 12:52	
EPA 6010B	Chromium	13.9	mg/kg	0.46	06/14/10 12:52	
EPA 6010B	Cobalt	11.0	mg/kg	0.92	06/14/10 12:52	
EPA 6010B	Copper	14.3	mg/kg	0.92	06/14/10 12:52	
EPA 6010B	Iron	24000	mg/kg	9.2	06/14/10 12:52	
EPA 6010B	Lead	13.1	mg/kg	0.46	06/14/10 12:52	
EPA 6010B	Magnesium	3280	mg/kg	46.0	06/14/10 12:52	
EPA 6010B	Manganese	640	mg/kg	0.92	06/14/10 12:52	
EPA 6010B	Nickel	18.3	mg/kg	1.8	06/14/10 12:52	
EPA 6010B	Potassium	1560	mg/kg	46.0	06/14/10 12:52	
EPA 6010B	Vanadium	18.1	mg/kg	0.92	06/14/10 12:52	
EPA 6010B	Zinc	55.5	mg/kg	0.92	06/14/10 12:52	
EPA 8260	Acetone	80.8	ug/kg	9.3	06/05/10 00:54	
EPA 8260	2-Butanone (MEK)	10.8	ug/kg	9.3	06/05/10 00:54	
EPA 8260	Toluene	22.5	ug/kg	4.6	06/05/10 00:54	
ASTM D2974-87	Percent Moisture	16.4	%	0.10	06/11/10 10:56	
EPA 9045	pH at 25 Degrees C	6.8	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	144	mg/kg	5.9	06/09/10 17:09	
3028586015	**BRK-1H-P4B**					
EPA 6010B	Aluminum	11500	mg/kg	6.7	06/14/10 12:55	
EPA 6010B	Antimony	0.40	mg/kg	0.33	06/14/10 12:55	
EPA 6010B	Arsenic	8.4	mg/kg	0.33	06/14/10 12:55	
EPA 6010B	Barium	137	mg/kg	1.3	06/14/10 12:55	
EPA 6010B	Beryllium	0.70	mg/kg	0.13	06/14/10 12:55	
EPA 6010B	Boron	6.4	mg/kg	3.3	06/14/10 12:55	
EPA 6010B	Cadmium	0.33	mg/kg	0.13	06/14/10 12:55	
EPA 6010B	Calcium	1130	mg/kg	133	06/14/10 12:55	
EPA 6010B	Chromium	14.2	mg/kg	0.33	06/14/10 12:55	
EPA 6010B	Cobalt	12.1	mg/kg	0.67	06/14/10 12:55	
EPA 6010B	Copper	19.8	mg/kg	0.67	06/14/10 12:55	

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Project: KLG
Pace Project No.: 3028586

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586015	**BRK-1H-P4B**					
EPA 6010B	Iron	25500	mg/kg	6.7	06/14/10 12:55	
EPA 6010B	Lead	11.5	mg/kg	0.33	06/14/10 12:55	
EPA 6010B	Magnesium	3820	mg/kg	33.3	06/14/10 12:55	
EPA 6010B	Manganese	586	mg/kg	0.67	06/14/10 12:55	
EPA 6010B	Nickel	22.8	mg/kg	1.3	06/14/10 12:55	
EPA 6010B	Potassium	1710	mg/kg	33.3	06/14/10 12:55	
EPA 6010B	Vanadium	15.3	mg/kg	0.67	06/14/10 12:55	
EPA 6010B	Zinc	55.7	mg/kg	0.67	06/14/10 12:55	
EPA 8260	Acetone	85.9	ug/kg	9.5	06/05/10 01:18	
ASTM D2974-87	Percent Moisture	9.7	%	0.10	06/11/10 10:57	
EPA 9045	pH at 25 Degrees C	5.9	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	5.7	mg/kg	5.0	06/09/10 17:10	
3028586017	**BRK-1H-P5A**					
EPA 6010B	Aluminum	13400	mg/kg	11.3	06/14/10 12:58	
EPA 6010B	Antimony	1.1	mg/kg	0.57	06/14/10 12:58	
EPA 6010B	Arsenic	10.1	mg/kg	0.57	06/14/10 12:58	
EPA 6010B	Barium	87.0	mg/kg	2.3	06/14/10 12:58	
EPA 6010B	Beryllium	0.67	mg/kg	0.23	06/14/10 12:58	
EPA 6010B	Boron	6.8	mg/kg	5.7	06/14/10 12:58	
EPA 6010B	Cadmium	0.24	mg/kg	0.23	06/14/10 12:58	
EPA 6010B	Calcium	543	mg/kg	227	06/14/10 12:58	
EPA 6010B	Chromium	16.1	mg/kg	0.57	06/14/10 12:58	
EPA 6010B	Cobalt	10.3	mg/kg	1.1	06/14/10 12:58	
EPA 6010B	Copper	11.2	mg/kg	1.1	06/14/10 12:58	
EPA 6010B	Iron	28400	mg/kg	11.3	06/14/10 12:58	
EPA 6010B	Lead	12.2	mg/kg	0.57	06/14/10 12:58	
EPA 6010B	Magnesium	3480	mg/kg	56.7	06/14/10 12:58	
EPA 6010B	Manganese	587	mg/kg	1.1	06/14/10 12:58	
EPA 6010B	Nickel	18.3	mg/kg	2.3	06/14/10 12:58	
EPA 6010B	Potassium	1380	mg/kg	56.7	06/14/10 12:58	
EPA 6010B	Vanadium	21.1	mg/kg	1.1	06/14/10 12:58	
EPA 6010B	Zinc	52.8	mg/kg	1.1	06/14/10 12:58	
EPA 8260	Acetone	106	ug/kg	9.4	06/05/10 01:42	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	06/11/10 10:58	
EPA 9045	pH at 25 Degrees C	5.6	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	64.5	mg/kg	5.2	06/09/10 17:11	
3028586019	**BRK-1H-P5B**					
EPA 6010B	Aluminum	11900	mg/kg	8.6	06/14/10 13:01	
EPA 6010B	Antimony	0.69	mg/kg	0.43	06/14/10 13:01	
EPA 6010B	Arsenic	9.2	mg/kg	0.43	06/14/10 13:01	
EPA 6010B	Barium	143	mg/kg	1.7	06/14/10 13:01	
EPA 6010B	Beryllium	0.72	mg/kg	0.17	06/14/10 13:01	
EPA 6010B	Boron	6.7	mg/kg	4.3	06/14/10 13:01	
EPA 6010B	Cadmium	0.22	mg/kg	0.17	06/14/10 13:01	
EPA 6010B	Calcium	1130	mg/kg	172	06/14/10 13:01	
EPA 6010B	Chromium	14.3	mg/kg	0.43	06/14/10 13:01	

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CABOT-EPA 005356

DIM0223739 DIM0224749

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Project: KLG
Pace Project No.: 3028586

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586019	**BRK-1H-P5B**					
EPA 6010B	Cobalt	12.3	mg/kg	0.86	06/14/10 13:01	
EPA 6010B	Copper	25.9	mg/kg	0.86	06/14/10 13:01	
EPA 6010B	Iron	25900	mg/kg	8.6	06/14/10 13:01	
EPA 6010B	Lead	13.8	mg/kg	0.43	06/14/10 13:01	
EPA 6010B	Magnesium	3970	mg/kg	43.1	06/14/10 13:01	
EPA 6010B	Manganese	680	mg/kg	0.86	06/14/10 13:01	
EPA 6010B	Nickel	24.4	mg/kg	1.7	06/14/10 13:01	
EPA 6010B	Potassium	1740	mg/kg	43.1	06/14/10 13:01	
EPA 6010B	Vanadium	15.4	mg/kg	0.86	06/14/10 13:01	
EPA 6010B	Zinc	57.8	mg/kg	0.86	06/14/10 13:01	
EPA 8260	Acetone	77.8	ug/kg	9.5	06/05/10 02:06	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	06/11/10 12:16	
EPA 9045	pH at 25 Degrees C	6.0	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	7.5	mg/kg	5.3	06/09/10 17:12	
3028586021	**BRK-1H-P6A**					
EPA 6010B	Aluminum	11600	mg/kg	8.5	06/14/10 13:04	
EPA 6010B	Antimony	0.86	mg/kg	0.43	06/14/10 13:04	
EPA 6010B	Arsenic	6.3	mg/kg	0.43	06/14/10 13:04	
EPA 6010B	Barium	71.7	mg/kg	1.7	06/14/10 13:04	
EPA 6010B	Beryllium	0.63	mg/kg	0.17	06/14/10 13:04	
EPA 6010B	Boron	6.7	mg/kg	4.3	06/14/10 13:04	
EPA 6010B	Cadmium	0.31	mg/kg	0.17	06/14/10 13:04	
EPA 6010B	Calcium	508	mg/kg	170	06/14/10 13:04	
EPA 6010B	Chromium	15.0	mg/kg	0.43	06/14/10 13:04	
EPA 6010B	Cobalt	11.3	mg/kg	0.85	06/14/10 13:04	
EPA 6010B	Copper	12.9	mg/kg	0.85	06/14/10 13:04	
EPA 6010B	Iron	26500	mg/kg	8.5	06/14/10 13:04	
EPA 6010B	Lead	9.0	mg/kg	0.43	06/14/10 13:04	
EPA 6010B	Magnesium	3910	mg/kg	42.6	06/14/10 13:04	
EPA 6010B	Manganese	608	mg/kg	0.85	06/14/10 13:04	
EPA 6010B	Nickel	23.1	mg/kg	1.7	06/14/10 13:04	
EPA 6010B	Potassium	1370	mg/kg	42.6	06/14/10 13:04	
EPA 6010B	Vanadium	14.4	mg/kg	0.85	06/14/10 13:04	
EPA 6010B	Zinc	50.7	mg/kg	0.85	06/14/10 13:04	
EPA 8260	Acetone	106	ug/kg	9.1	06/05/10 02:30	
EPA 8260	2-Butanone (MEK)	10.4	ug/kg	9.1	06/05/10 02:30	
ASTM D2974-87	Percent Moisture	8.3	%	0.10	06/11/10 12:18	
EPA 9045	pH at 25 Degrees C	5.3	Std. Units	1.0	05/28/10 22:15	
EPA 350.1	Nitrogen, Ammonia	31.8	mg/kg	5.2	06/09/10 17:13	
3028586023	**BRK-1H-P6B**					
EPA 6010B	Aluminum	11400	mg/kg	8.3	06/14/10 13:55	
EPA 6010B	Antimony	0.74	mg/kg	0.42	06/14/10 13:55	
EPA 6010B	Arsenic	9.6	mg/kg	0.42	06/14/10 13:55	
EPA 6010B	Barium	132	mg/kg	1.7	06/14/10 13:55	
EPA 6010B	Beryllium	0.67	mg/kg	0.17	06/14/10 13:55	
EPA 6010B	Boron	7.3	mg/kg	4.2	06/14/10 13:55	

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HITS ONLY

Project: KLG
Pace Project No.: 3028586

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028586023	**BRK-1H-P6B**					
EPA 6010B	Cadmium	0.38	mg/kg	0.17	06/14/10 13:55	
EPA 6010B	Calcium	1080	mg/kg	166	06/14/10 13:55	
EPA 6010B	Chromium	14.4	mg/kg	0.42	06/14/10 13:55	
EPA 6010B	Cobalt	11.4	mg/kg	0.83	06/14/10 13:55	
EPA 6010B	Copper	16.9	mg/kg	0.83	06/14/10 13:55	
EPA 6010B	Iron	25700	mg/kg	8.3	06/14/10 13:55	
EPA 6010B	Lead	12.5	mg/kg	0.42	06/14/10 13:55	
EPA 6010B	Magnesium	3700	mg/kg	41.6	06/14/10 13:55	
EPA 6010B	Manganese	558	mg/kg	0.83	06/14/10 13:55	
EPA 6010B	Nickel	21.9	mg/kg	1.7	06/14/10 13:55	
EPA 6010B	Potassium	1630	mg/kg	41.6	06/14/10 13:55	
EPA 6010B	Silver	0.23	mg/kg	0.17	06/14/10 13:55	
EPA 6010B	Vanadium	16.1	mg/kg	0.83	06/14/10 13:55	
EPA 6010B	Zinc	53.9	mg/kg	0.83	06/14/10 13:55	
EPA 8260	Acetone	47.0	ug/kg	9.1	06/05/10 02:54	
ASTM D2974-87	Percent Moisture	8.9	%	0.10	06/11/10 12:18	
EPA 9045	pH at 25 Degrees C	6.0	Std. Units	1.0	05/28/10 22:15	

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CABOT-EPA 005358

DIM0223739 DIM0224751

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 8015B Modified**
Description: 8015 GCS THC-Diesel
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 8015B Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/5153

The majority of the area quantitated as DRO for this sample is due to unresolved material eluting beyond C 20.

- BRK-1H-P1A (Lab ID: 3028586001)
  - Diesel Components
- BRK-1H-P4A (Lab ID: 3028586013)
  - Diesel Components

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 8015B Modified**
Description: Gasoline Range Organics
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 8015B Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCV/1358

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028586013

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 180076)
  - TPH (C06-C10)

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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CABOT-EPA 005360

DIM0223739 DIM0224753

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3969

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028586001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 177791)
  - Aluminum
  - Antimony
  - Barium
  - Iron
  - Magnesium
  - Manganese
  - Potassium

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3969

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 177790)
  - Manganese

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: EPA 7471
Description: 7471 Mercury
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

Initial Calibrations (Including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 8270**
Description: 8270 MSSV FULL LIST MICROWAVE
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/5137

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- BRK-1H-P4B (Lab ID: 3028586015)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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CABOT-EPA 005364

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: EPA 8260
Description: 8260 MSV 5030 Low Level
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6091

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for SM 5540C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptons noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: WET/5819

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028753003

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 178328)
  - Surfactants

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WET/5819

2c: Samples were tumbled on 6/1/2010 and analyzed within 48 hours.

- BRK-1H-P1(ASTM) (Lab ID: 3028586002)
  - Surfactants
- BRK-1H-P1B(ASTM) (Lab ID: 3028586004)
  - Surfactants
- BRK-1H-P2A(ASTM) (Lab ID: 3028586006)
  - Surfactants
- BRK-1H-P2B(ASTM) (Lab ID: 3028586008)
  - Surfactants
- BRK-1H-P3A(ASTM) (Lab ID: 3028586010)
  - Surfactants
- BRK-1H-P3B(ASTM) (Lab ID: 3028586012)
  - Surfactants
- BRK-1H-P4A(ASTM) (Lab ID: 3028586014)
  - Surfactants

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CABOT-EPA 005366

DIM0223739 DIM0224759

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **SM 5540C**
Description: 5540C MBAS Surfactants
Client: URS Corporation - PGH PA
Date: June 14, 2010

Analyte Comments:

QC Batch: WET/5819

2c: Samples were tumbled on 6/1/2010 and analyzed within 48 hours.

- BRK-1H-P4B(ASTM) (Lab ID: 3028586016)
  - Surfactants
- BRK-1H-P5A(ASTM) (Lab ID: 3028586018)
  - Surfactants
- BRK-1H-P5B(ASTM) (Lab ID: 3028586020)
  - Surfactants
- DUP (Lab ID: 178327)
  - Surfactants
- MS (Lab ID: 178328)
  - Surfactants

QC Batch: WET/5829

1c: Samples were tumbled on 06/02/2010 and analyzed within 48 hours.

- BRK-1H-P6A(ASTM) (Lab ID: 3028586022)
  - Surfactants
- BRK-1H-P6B(ASTM) (Lab ID: 3028586024)
  - Surfactants

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: EPA 9045
Description: 9045 pH Soil
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 9045. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **EPA 350.1**
Description: 350.1 Ammonia
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for EPA 350.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028586

Method: **SM 4500-Cl-E**
Description: 4500 Chloride
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
12 samples were analyzed for SM 4500-Cl-E. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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CABOT-EPA 005370

DIM0223739 DIM0224763

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1A **Lab ID: 3028586001** Collected: 05/27/10 15:16 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**13.3**	mg/kg	7.5	1	06/10/10 16:19	06/11/10 18:45		
o-Terphenyl (S)	80	%	50-150	1	06/10/10 16:19	06/11/10 18:45	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.2	1	06/07/10 16:38	06/08/10 03:50		
4-Bromofluorobenzene (S)	104	%	70-130	1	06/07/10 16:38	06/08/10 03:50	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12200**	mg/kg	8.9	1	06/03/10 12:11	06/14/10 12:10	7429-90-5	
Antimony	ND	mg/kg	0.45	1	06/03/10 12:11	06/14/10 12:10	7440-36-0	
Arsenic	**10.5**	mg/kg	0.45	1	06/03/10 12:11	06/14/10 12:10	7440-38-2	
Barium	**144**	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:10	7440-39-3	
Beryllium	**0.62**	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:10	7440-41-7	
Boron	**7.7**	mg/kg	4.5	1	06/03/10 12:11	06/14/10 12:10	7440-42-8	
Cadmium	**0.41**	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:10	7440-43-9	
Calcium	**932**	mg/kg	178	1	06/03/10 12:11	06/14/10 12:10	7440-70-2	
Chromium	**14.5**	mg/kg	0.45	1	06/03/10 12:11	06/14/10 12:10	7440-47-3	
Cobalt	**11.8**	mg/kg	0.89	1	06/03/10 12:11	06/14/10 12:10	7440-48-4	
Copper	**13.1**	mg/kg	0.89	1	06/03/10 12:11	06/14/10 12:10	7440-50-8	
Iron	**26700**	mg/kg	8.9	1	06/03/10 12:11	06/14/10 12:10	7439-89-6	
Lead	**16.8**	mg/kg	0.45	1	06/03/10 12:11	06/14/10 12:10	7439-92-1	
Magnesium	**3320**	mg/kg	44.6	1	06/03/10 12:11	06/14/10 12:10	7439-95-4	
Manganese	**579**	mg/kg	0.89	1	06/03/10 12:11	06/14/10 12:10	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:10	7439-98-7	
Nickel	**17.8**	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:10	7440-02-0	
Potassium	**1260**	mg/kg	44.6	1	06/03/10 12:11	06/14/10 12:10	7440-09-7	
Selenium	ND	mg/kg	0.45	1	06/03/10 12:11	06/14/10 12:10	7782-49-2	
Silver	**0.53**	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:10	7440-22-4	
Sodium	ND	mg/kg	446	1	06/03/10 12:11	06/14/10 12:10	7440-23-5	
Thallium	ND	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:10	7440-28-0	
Vanadium	**18.7**	mg/kg	0.89	1	06/03/10 12:11	06/14/10 12:10	7440-62-2	
Zinc	**53.8**	mg/kg	0.89	1	06/03/10 12:11	06/14/10 12:10	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:38	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1A **Lab ID: 3028586001** Collected: 05/27/10 15:16 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	606-20-2	
2-Chloronaphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	91-58-7	
2-Chlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	95-57-8	
2-Methylnaphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	95-48-7	
2-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	88-74-4	
2-Nitrophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	744	1	06/09/10 16:12	06/11/10 12:02		
3,3'-Dichlorobenzidine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	91-94-1	
3-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	59-50-7	
4-Chloroaniline	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	7005-72-3	
4-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	100-01-6	
4-Nitrophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	100-02-7	
Acenaphthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	83-32-9	
Acenaphthylene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	208-96-8	
Anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	120-12-7	
Benzo(a)anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	56-55-3	
Benzo(a)pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	207-08-9	
Benzyl alcohol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	100-51-6	
Butylbenzylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	85-68-7	
Chrysene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	218-01-9	
Di-n-butylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	84-74-2	
Di-n-octylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	53-70-3	
Dibenzofuran	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	132-64-9	
Diethylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	84-66-2	
Dimethylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	131-11-3	
Fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	206-44-0	
Fluorene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	77-47-4	
Hexachloroethane	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	193-39-5	
Isophorone	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	78-59-1	

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1A **Lab ID: 3028586001** Collected: 05/27/10 15:16 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	86-30-6	
Naphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	91-20-3	
Nitrobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	98-95-3	
Pentachlorophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 12:02	87-86-5	
Phenanthrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	85-01-8	
Phenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	108-95-2	
Pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 12:02	117-81-7	
Nitrobenzene-d5 (S)	76	%	35-114	1	06/09/10 16:12	06/11/10 12:02	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/09/10 16:12	06/11/10 12:02	321-60-8	
Terphenyl-d14 (S)	106	%	33-141	1	06/09/10 16:12	06/11/10 12:02	1718-51-0	
Phenol-d6 (S)	61	%	10-110	1	06/09/10 16:12	06/11/10 12:02	13127-88-3	
2-Fluorophenol (S)	65	%	21-110	1	06/09/10 16:12	06/11/10 12:02	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-123	1	06/09/10 16:12	06/11/10 12:02	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**52.9**	ug/kg	9.8	1		06/04/10 22:29	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/04/10 22:29	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/04/10 22:29	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/04/10 22:29	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/04/10 22:29	74-83-9	
TOTAL BTEX	ND	ug/kg	29.5	1		06/04/10 22:29		
2-Butanone (MEK)	ND	ug/kg	9.8	1		06/04/10 22:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/04/10 22:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/04/10 22:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/04/10 22:29	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/04/10 22:29	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/04/10 22:29	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/04/10 22:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 22:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 22:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 22:29	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	1		06/04/10 22:29	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 22:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 22:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 22:29	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1A **Lab ID: 3028586001** Collected: 05/27/10 15:16 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/04/10 22:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/04/10 22:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/04/10 22:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	100-41-4	
2-Hexanone	ND	ug/kg	9.8	1		06/04/10 22:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/04/10 22:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/04/10 22:29	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/04/10 22:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		06/04/10 22:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/04/10 22:29	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/04/10 22:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/04/10 22:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/04/10 22:29	127-18-4	
Toluene	**19.8**	ug/kg	4.9	1		06/04/10 22:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/04/10 22:29	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/04/10 22:29	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/04/10 22:29	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/04/10 22:29	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		06/04/10 22:29	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		06/04/10 22:29	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/04/10 22:29	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/04/10 22:29	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		06/04/10 22:29	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/04/10 22:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.4**	%	0.10	1		06/11/10 10:52		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.1**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**179**	mg/kg	5.7	1		06/09/10 16:59	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1(ASTM) **Lab ID: 3028586002** Collected: 05/27/10 15:16 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:17	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1B **Lab ID: 3028586003** Collected: 05/27/10 15:17 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/10/10 16:19	06/11/10 20:20		
o-Terphenyl (S)	75	%	50-150	1	06/10/10 16:19	06/11/10 20:20	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.1	1	06/07/10 16:38	06/08/10 04:07		
4-Bromofluorobenzene (S)	104	%	70-130	1	06/07/10 16:38	06/08/10 04:07	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**9610**	mg/kg	10.5	1	06/03/10 12:11	06/14/10 12:24	7429-90-5	
Antimony	ND	mg/kg	0.52	1	06/03/10 12:11	06/14/10 12:24	7440-36-0	
Arsenic	**8.4**	mg/kg	0.52	1	06/03/10 12:11	06/14/10 12:24	7440-38-2	
Barium	**108**	mg/kg	2.1	1	06/03/10 12:11	06/14/10 12:24	7440-39-3	
Beryllium	**0.52**	mg/kg	0.21	1	06/03/10 12:11	06/14/10 12:24	7440-41-7	
Boron	**6.7**	mg/kg	5.2	1	06/03/10 12:11	06/14/10 12:24	7440-42-8	
Cadmium	**0.25**	mg/kg	0.21	1	06/03/10 12:11	06/14/10 12:24	7440-43-9	
Calcium	**1120**	mg/kg	210	1	06/03/10 12:11	06/14/10 12:24	7440-70-2	
Chromium	**12.3**	mg/kg	0.52	1	06/03/10 12:11	06/14/10 12:24	7440-47-3	
Cobalt	**9.9**	mg/kg	1.0	1	06/03/10 12:11	06/14/10 12:24	7440-48-4	
Copper	**12.5**	mg/kg	1.0	1	06/03/10 12:11	06/14/10 12:24	7440-50-8	
Iron	**21000**	mg/kg	10.5	1	06/03/10 12:11	06/14/10 12:24	7439-89-6	
Lead	**8.8**	mg/kg	0.52	1	06/03/10 12:11	06/14/10 12:24	7439-92-1	
Magnesium	**3200**	mg/kg	52.5	1	06/03/10 12:11	06/14/10 12:24	7439-95-4	
Manganese	**545**	mg/kg	1.0	1	06/03/10 12:11	06/14/10 12:24	7439-96-5	
Molybdenum	ND	mg/kg	2.1	1	06/03/10 12:11	06/14/10 12:24	7439-98-7	
Nickel	**18.5**	mg/kg	2.1	1	06/03/10 12:11	06/14/10 12:24	7440-02-0	
Potassium	**1290**	mg/kg	52.5	1	06/03/10 12:11	06/14/10 12:24	7440-09-7	
Selenium	ND	mg/kg	0.52	1	06/03/10 12:11	06/14/10 12:24	7782-49-2	
Silver	**0.46**	mg/kg	0.21	1	06/03/10 12:11	06/14/10 12:24	7440-22-4	
Sodium	ND	mg/kg	525	1	06/03/10 12:11	06/14/10 12:24	7440-23-5	
Thallium	ND	mg/kg	2.1	1	06/03/10 12:11	06/14/10 12:24	7440-28-0	
Vanadium	**12.7**	mg/kg	1.0	1	06/03/10 12:11	06/14/10 12:24	7440-62-2	
Zinc	**46.1**	mg/kg	1.0	1	06/03/10 12:11	06/14/10 12:24	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:43	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1B **Lab ID: 3028586003** Collected: 05/27/10 15:17 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	606-20-2	
2-Chloronaphthalene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	91-58-7	
2-Chlorophenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	95-57-8	
2-Methylnaphthalene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	95-48-7	
2-Nitroaniline	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	88-74-4	
2-Nitrophenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	738	1	06/09/10 16:12	06/11/10 12:24		
3,3'-Dichlorobenzidine	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	91-94-1	
3-Nitroaniline	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	59-50-7	
4-Chloroaniline	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	7005-72-3	
4-Nitroaniline	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	100-01-6	
4-Nitrophenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	100-02-7	
Acenaphthene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	83-32-9	
Acenaphthylene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	208-96-8	
Anthracene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	207-08-9	
Benzyl alcohol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	100-51-6	
Butylbenzylphthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	85-68-7	
Chrysene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	218-01-9	
Di-n-butylphthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	84-74-2	
Di-n-octylphthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	53-70-3	
Dibenzofuran	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	132-64-9	
Diethylphthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	84-66-2	
Dimethylphthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	131-11-3	
Fluoranthene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	206-44-0	
Fluorene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	77-47-4	
Hexachloroethane	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	193-39-5	
Isophorone	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	78-59-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1B **Lab ID: 3028586003** Collected: 05/27/10 15:17 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	86-30-6	
Naphthalene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	91-20-3	
Nitrobenzene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	98-95-3	
Pentachlorophenol	ND	ug/kg	924	1	06/09/10 16:12	06/11/10 12:24	87-86-5	
Phenanthrene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	85-01-8	
Phenol	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	108-95-2	
Pyrene	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	1	06/09/10 16:12	06/11/10 12:24	117-81-7	
Nitrobenzene-d5 (S)	79	%	35-114	1	06/09/10 16:12	06/11/10 12:24	4165-60-0	
2-Fluorobiphenyl (S)	91	%	43-116	1	06/09/10 16:12	06/11/10 12:24	321-60-8	
Terphenyl-d14 (S)	113	%	33-141	1	06/09/10 16:12	06/11/10 12:24	1718-51-0	
Phenol-d6 (S)	68	%	10-110	1	06/09/10 16:12	06/11/10 12:24	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/09/10 16:12	06/11/10 12:24	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-123	1	06/09/10 16:12	06/11/10 12:24	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**24.8**	ug/kg	9.3	1		06/04/10 22:53	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/04/10 22:53	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/04/10 22:53	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/04/10 22:53	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/04/10 22:53	74-83-9	
TOTAL BTEX	ND	ug/kg	28.0	1		06/04/10 22:53		
2-Butanone (MEK)	ND	ug/kg	9.3	1		06/04/10 22:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/04/10 22:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/04/10 22:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/04/10 22:53	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/04/10 22:53	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/04/10 22:53	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/04/10 22:53	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/04/10 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/04/10 22:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/04/10 22:53	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	1		06/04/10 22:53	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/04/10 22:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/04/10 22:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/04/10 22:53	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1B **Lab ID: 3028586003** Collected: 05/27/10 15:17 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/04/10 22:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/04/10 22:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/04/10 22:53	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	100-41-4	
2-Hexanone	ND	ug/kg	9.3	1		06/04/10 22:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/04/10 22:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/04/10 22:53	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/04/10 22:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1		06/04/10 22:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/04/10 22:53	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/04/10 22:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/04/10 22:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/04/10 22:53	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/04/10 22:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/04/10 22:53	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/04/10 22:53	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/04/10 22:53	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/04/10 22:53	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	1		06/04/10 22:53	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		06/04/10 22:53	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/04/10 22:53	95-47-6	
Toluene-d8 (S)	92	%	70-130	1		06/04/10 22:53	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/04/10 22:53	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/04/10 22:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.1**	%	0.10	1		06/11/10 10:53		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.6**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**6.2**	mg/kg	5.2	1		06/09/10 17:00	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P1B(ASTM) **Lab ID: 3028586004** Collected: 05/27/10 15:17 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:17	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2A **Lab ID: 3028586005** Collected: 05/27/10 15:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.6	1	06/10/10 16:19	06/11/10 20:44		
o-Terphenyl (S)	61	%	50-150	1	06/10/10 16:19	06/11/10 20:44	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.3	1	06/07/10 16:38	06/10/10 17:13		
4-Bromofluorobenzene (S)	100	%	70-130	1	06/07/10 16:38	06/10/10 17:13	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12900**	mg/kg	8.0	1	06/03/10 12:11	06/14/10 12:27	7429-90-5	
Antimony	ND	mg/kg	0.40	1	06/03/10 12:11	06/14/10 12:27	7440-36-0	
Arsenic	**7.2**	mg/kg	0.40	1	06/03/10 12:11	06/14/10 12:27	7440-38-2	
Barium	**91.8**	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:27	7440-39-3	
Beryllium	**0.58**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:27	7440-41-7	
Boron	**7.1**	mg/kg	4.0	1	06/03/10 12:11	06/14/10 12:27	7440-42-8	
Cadmium	**0.38**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:27	7440-43-9	
Calcium	**667**	mg/kg	160	1	06/03/10 12:11	06/14/10 12:27	7440-70-2	
Chromium	**14.4**	mg/kg	0.40	1	06/03/10 12:11	06/14/10 12:27	7440-47-3	
Cobalt	**12.1**	mg/kg	0.80	1	06/03/10 12:11	06/14/10 12:27	7440-48-4	
Copper	**8.7**	mg/kg	0.80	1	06/03/10 12:11	06/14/10 12:27	7440-50-8	
Iron	**25500**	mg/kg	8.0	1	06/03/10 12:11	06/14/10 12:27	7439-89-6	
Lead	**12.4**	mg/kg	0.40	1	06/03/10 12:11	06/14/10 12:27	7439-92-1	
Magnesium	**2870**	mg/kg	40.0	1	06/03/10 12:11	06/14/10 12:27	7439-95-4	
Manganese	**631**	mg/kg	0.80	1	06/03/10 12:11	06/14/10 12:27	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:27	7439-98-7	
Nickel	**14.5**	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:27	7440-02-0	
Potassium	**1260**	mg/kg	40.0	1	06/03/10 12:11	06/14/10 12:27	7440-09-7	
Selenium	ND	mg/kg	0.40	1	06/03/10 12:11	06/14/10 12:27	7782-49-2	
Silver	**0.55**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:27	7440-22-4	
Sodium	ND	mg/kg	400	1	06/03/10 12:11	06/14/10 12:27	7440-23-5	
Thallium	ND	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:27	7440-28-0	
Vanadium	**19.4**	mg/kg	0.80	1	06/03/10 12:11	06/14/10 12:27	7440-62-2	
Zinc	**49.5**	mg/kg	0.80	1	06/03/10 12:11	06/14/10 12:27	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:45	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2A **Lab ID: 3028586005** Collected: 05/27/10 15:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	606-20-2	
2-Chloronaphthalene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	91-58-7	
2-Chlorophenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	95-57-8	
2-Methylnaphthalene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	95-48-7	
2-Nitroaniline	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	88-74-4	
2-Nitrophenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	762	1	06/09/10 16:12	06/11/10 12:46		
3,3'-Dichlorobenzidine	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	91-94-1	
3-Nitroaniline	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	59-50-7	
4-Chloroaniline	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	7005-72-3	
4-Nitroaniline	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	100-01-6	
4-Nitrophenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	100-02-7	
Acenaphthene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	208-96-8	
Anthracene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	207-08-9	
Benzyl alcohol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	100-51-6	
Butylbenzylphthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	85-68-7	
Chrysene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	218-01-9	
Di-n-butylphthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	84-74-2	
Di-n-octylphthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	132-64-9	
Diethylphthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	84-66-2	
Dimethylphthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	131-11-3	
Fluoranthene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	206-44-0	
Fluorene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	193-39-5	
Isophorone	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2A **Lab ID: 3028586005** Collected: 05/27/10 15:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	86-30-6	
Naphthalene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	91-20-3	
Nitrobenzene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	98-95-3	
Pentachlorophenol	ND	ug/kg	953	1	06/09/10 16:12	06/11/10 12:46	87-86-5	
Phenanthrene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	85-01-8	
Phenol	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	108-95-2	
Pyrene	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	06/09/10 16:12	06/11/10 12:46	117-81-7	
Nitrobenzene-d5 (S)	65	%	35-114	1	06/09/10 16:12	06/11/10 12:46	4165-60-0	
2-Fluorobiphenyl (S)	76	%	43-116	1	06/09/10 16:12	06/11/10 12:46	321-60-8	
Terphenyl-d14 (S)	118	%	33-141	1	06/09/10 16:12	06/11/10 12:46	1718-51-0	
Phenol-d6 (S)	52	%	10-110	1	06/09/10 16:12	06/11/10 12:46	13127-88-3	
2-Fluorophenol (S)	61	%	21-110	1	06/09/10 16:12	06/11/10 12:46	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-123	1	06/09/10 16:12	06/11/10 12:46	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**119**	ug/kg	10.3	1		06/04/10 23:17	67-64-1	
Benzene	ND	ug/kg	5.1	1		06/04/10 23:17	71-43-2	
Bromodichloromethane	ND	ug/kg	5.1	1		06/04/10 23:17	75-27-4	
Bromoform	ND	ug/kg	5.1	1		06/04/10 23:17	75-25-2	
Bromomethane	ND	ug/kg	5.1	1		06/04/10 23:17	74-83-9	
TOTAL BTEX	ND	ug/kg	30.8	1		06/04/10 23:17		
2-Butanone (MEK)	ND	ug/kg	10.3	1		06/04/10 23:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	135-98-8	
Carbon disulfide	ND	ug/kg	5.1	1		06/04/10 23:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1		06/04/10 23:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		06/04/10 23:17	108-90-7	
Chloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	75-00-3	
Chloroform	ND	ug/kg	5.1	1		06/04/10 23:17	67-66-3	
Chloromethane	ND	ug/kg	5.1	1		06/04/10 23:17	74-87-3	
Dibromochloromethane	ND	ug/kg	5.1	1		06/04/10 23:17	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		06/04/10 23:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		06/04/10 23:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		06/04/10 23:17	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	10.3	1		06/04/10 23:17	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.1	1		06/04/10 23:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		06/04/10 23:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		06/04/10 23:17	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2A **Lab ID: 3028586005** Collected: 05/27/10 15:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.1	1		06/04/10 23:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		06/04/10 23:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		06/04/10 23:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	100-41-4	
2-Hexanone	ND	ug/kg	10.3	1		06/04/10 23:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		06/04/10 23:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		06/04/10 23:17	99-87-6	
Methylene Chloride	ND	ug/kg	5.1	1		06/04/10 23:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10.3	1		06/04/10 23:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		06/04/10 23:17	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1		06/04/10 23:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	103-65-1	
Styrene	ND	ug/kg	5.1	1		06/04/10 23:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		06/04/10 23:17	127-18-4	
Toluene	ND	ug/kg	5.1	1		06/04/10 23:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		06/04/10 23:17	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		06/04/10 23:17	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		06/04/10 23:17	108-67-8	
Vinyl chloride	ND	ug/kg	5.1	1		06/04/10 23:17	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	1		06/04/10 23:17	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1		06/04/10 23:17	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1		06/04/10 23:17	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/04/10 23:17	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130	1		06/04/10 23:17	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130	1		06/04/10 23:17	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.2**	%	0.10	1		06/11/10 10:53		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.0**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**41.0**	mg/kg	5.8	1		06/09/10 17:06	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2A(ASTM) **Lab ID: 3028586006** Collected: 05/27/10 15:10 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:18	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2B **Lab ID: 3028586007** Collected: 05/27/10 15:12 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.2	1	06/10/10 16:19	06/11/10 21:08		
o-Terphenyl (S)	76	%	50-150	1	06/10/10 16:19	06/11/10 21:08	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	13.0	1	06/07/10 16:38	06/10/10 17:30		
4-Bromofluorobenzene (S)	105	%	70-130	1	06/07/10 16:38	06/10/10 17:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**10300**	mg/kg	9.5	1	06/03/10 12:11	06/14/10 12:30	7429-90-5	
Antimony	**0.85**	mg/kg	0.47	1	06/03/10 12:11	06/14/10 12:30	7440-36-0	
Arsenic	**8.2**	mg/kg	0.47	1	06/03/10 12:11	06/14/10 12:30	7440-38-2	
Barium	**119**	mg/kg	1.9	1	06/03/10 12:11	06/14/10 12:30	7440-39-3	
Beryllium	**0.61**	mg/kg	0.19	1	06/03/10 12:11	06/14/10 12:30	7440-41-7	
Boron	**7.5**	mg/kg	4.7	1	06/03/10 12:11	06/14/10 12:30	7440-42-8	
Cadmium	**0.44**	mg/kg	0.19	1	06/03/10 12:11	06/14/10 12:30	7440-43-9	
Calcium	**1070**	mg/kg	190	1	06/03/10 12:11	06/14/10 12:30	7440-70-2	
Chromium	**12.6**	mg/kg	0.47	1	06/03/10 12:11	06/14/10 12:30	7440-47-3	
Cobalt	**12.9**	mg/kg	0.95	1	06/03/10 12:11	06/14/10 12:30	7440-48-4	
Copper	**16.1**	mg/kg	0.95	1	06/03/10 12:11	06/14/10 12:30	7440-50-8	
Iron	**23500**	mg/kg	9.5	1	06/03/10 12:11	06/14/10 12:30	7439-89-6	
Lead	**12.4**	mg/kg	0.47	1	06/03/10 12:11	06/14/10 12:30	7439-92-1	
Magnesium	**3370**	mg/kg	47.4	1	06/03/10 12:11	06/14/10 12:30	7439-95-4	
Manganese	**739**	mg/kg	0.95	1	06/03/10 12:11	06/14/10 12:30	7439-96-5	
Molybdenum	ND	mg/kg	1.9	1	06/03/10 12:11	06/14/10 12:30	7439-98-7	
Nickel	**21.4**	mg/kg	1.9	1	06/03/10 12:11	06/14/10 12:30	7440-02-0	
Potassium	**1490**	mg/kg	47.4	1	06/03/10 12:11	06/14/10 12:30	7440-09-7	
Selenium	ND	mg/kg	0.47	1	06/03/10 12:11	06/14/10 12:30	7782-49-2	
Silver	**0.50**	mg/kg	0.19	1	06/03/10 12:11	06/14/10 12:30	7440-22-4	
Sodium	ND	mg/kg	474	1	06/03/10 12:11	06/14/10 12:30	7440-23-5	
Thallium	ND	mg/kg	1.9	1	06/03/10 12:11	06/14/10 12:30	7440-28-0	
Vanadium	**14.6**	mg/kg	0.95	1	06/03/10 12:11	06/14/10 12:30	7440-62-2	
Zinc	**51.5**	mg/kg	0.95	1	06/03/10 12:11	06/14/10 12:30	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/04/10 10:52	06/07/10 09:46	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2B **Lab ID: 3028586007** Collected: 05/27/10 15:12 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	606-20-2	
2-Chloronaphthalene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	91-58-7	
2-Chlorophenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	95-57-8	
2-Methylnaphthalene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	95-48-7	
2-Nitroaniline	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	88-74-4	
2-Nitrophenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	710	1	06/09/10 16:12	06/11/10 13:53		
3,3'-Dichlorobenzidine	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	91-94-1	
3-Nitroaniline	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	59-50-7	
4-Chloroaniline	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	7005-72-3	
4-Nitroaniline	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	100-01-6	
4-Nitrophenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	100-02-7	
Acenaphthene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	83-32-9	
Acenaphthylene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	208-96-8	
Anthracene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	207-08-9	
Benzyl alcohol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	100-51-6	
Butylbenzylphthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	85-68-7	
Chrysene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	218-01-9	
Di-n-butylphthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	84-74-2	
Di-n-octylphthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	53-70-3	
Dibenzofuran	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	132-64-9	
Diethylphthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	84-66-2	
Dimethylphthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	131-11-3	
Fluoranthene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	206-44-0	
Fluorene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	77-47-4	
Hexachloroethane	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	193-39-5	
Isophorone	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2B **Lab ID: 3028586007** Collected: 05/27/10 15:12 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	86-30-6	
Naphthalene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	91-20-3	
Nitrobenzene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	98-95-3	
Pentachlorophenol	ND	ug/kg	888	1	06/09/10 16:12	06/11/10 13:53	87-86-5	
Phenanthrene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	85-01-8	
Phenol	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	108-95-2	
Pyrene	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	355	1	06/09/10 16:12	06/11/10 13:53	117-81-7	
Nitrobenzene-d5 (S)	80	%	35-114	1	06/09/10 16:12	06/11/10 13:53	4165-60-0	
2-Fluorobiphenyl (S)	91	%	43-116	1	06/09/10 16:12	06/11/10 13:53	321-60-8	
Terphenyl-d14 (S)	115	%	33-141	1	06/09/10 16:12	06/11/10 13:53	1718-51-0	
Phenol-d6 (S)	62	%	10-110	1	06/09/10 16:12	06/11/10 13:53	13127-88-3	
2-Fluorophenol (S)	72	%	21-110	1	06/09/10 16:12	06/11/10 13:53	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-123	1	06/09/10 16:12	06/11/10 13:53	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**11.2**	ug/kg	9.8	1		06/04/10 23:41	67-64-1	
Benzene	ND	ug/kg	4.9	1		06/04/10 23:41	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		06/04/10 23:41	75-27-4	
Bromoform	ND	ug/kg	4.9	1		06/04/10 23:41	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		06/04/10 23:41	74-83-9	
TOTAL BTEX	ND	ug/kg	29.5	1		06/04/10 23:41		
2-Butanone (MEK)	ND	ug/kg	9.8	1		06/04/10 23:41	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	135-98-8	
Carbon disulfide	ND	ug/kg	4.9	1		06/04/10 23:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		06/04/10 23:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		06/04/10 23:41	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	75-00-3	
Chloroform	ND	ug/kg	4.9	1		06/04/10 23:41	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		06/04/10 23:41	74-87-3	
Dibromochloromethane	ND	ug/kg	4.9	1		06/04/10 23:41	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 23:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 23:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		06/04/10 23:41	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.8	1		06/04/10 23:41	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 23:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 23:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		06/04/10 23:41	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2B **Lab ID: 3028586007** Collected: 05/27/10 15:12 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.9	1		06/04/10 23:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/04/10 23:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		06/04/10 23:41	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	100-41-4	
2-Hexanone	ND	ug/kg	9.8	1		06/04/10 23:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		06/04/10 23:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		06/04/10 23:41	99-87-6	
Methylene Chloride	ND	ug/kg	4.9	1		06/04/10 23:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.8	1		06/04/10 23:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		06/04/10 23:41	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		06/04/10 23:41	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	103-65-1	
Styrene	ND	ug/kg	4.9	1		06/04/10 23:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		06/04/10 23:41	127-18-4	
Toluene	ND	ug/kg	4.9	1		06/04/10 23:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		06/04/10 23:41	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		06/04/10 23:41	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		06/04/10 23:41	108-67-8	
Vinyl chloride	ND	ug/kg	4.9	1		06/04/10 23:41	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	1		06/04/10 23:41	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	1		06/04/10 23:41	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		06/04/10 23:41	95-47-6	
Toluene-d8 (S)	89	%	70-130	1		06/04/10 23:41	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		06/04/10 23:41	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		06/04/10 23:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.1**	%	0.10	1		06/11/10 10:54		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.7**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**6.8**	mg/kg	5.2	1		06/09/10 17:07	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P2B(ASTM) **Lab ID: 3028586008** Collected: 05/27/10 15:12 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:19	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3A **Lab ID: 3028586009** Collected: 05/27/10 15:20 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.5	1	06/10/10 16:19	06/11/10 21:32		
o-Terphenyl (S)	86	%	50-150	1	06/10/10 16:19	06/11/10 21:32	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.2	1	06/07/10 16:38	06/10/10 17:46		
4-Bromofluorobenzene (S)	104	%	70-130	1	06/07/10 16:38	06/10/10 17:46	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**10100**	mg/kg	8.7	1	06/03/10 12:11	06/14/10 12:33	7429-90-5	
Antimony	ND	mg/kg	0.43	1	06/03/10 12:11	06/14/10 12:33	7440-36-0	
Arsenic	**6.0**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 12:33	7440-38-2	
Barium	**121**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 12:33	7440-39-3	
Beryllium	**0.45**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 12:33	7440-41-7	
Boron	**6.2**	mg/kg	4.3	1	06/03/10 12:11	06/14/10 12:33	7440-42-8	
Cadmium	**0.32**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 12:33	7440-43-9	
Calcium	**1220**	mg/kg	174	1	06/03/10 12:11	06/14/10 12:33	7440-70-2	
Chromium	**10.9**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 12:33	7440-47-3	
Cobalt	**7.3**	mg/kg	0.87	1	06/03/10 12:11	06/14/10 12:33	7440-48-4	
Copper	**8.3**	mg/kg	0.87	1	06/03/10 12:11	06/14/10 12:33	7440-50-8	
Iron	**17000**	mg/kg	8.7	1	06/03/10 12:11	06/14/10 12:33	7439-89-6	
Lead	**13.6**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 12:33	7439-92-1	
Magnesium	**2120**	mg/kg	43.5	1	06/03/10 12:11	06/14/10 12:33	7439-95-4	
Manganese	**758**	mg/kg	0.87	1	06/03/10 12:11	06/14/10 12:33	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 12:33	7439-98-7	
Nickel	**10.9**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 12:33	7440-02-0	
Potassium	**1180**	mg/kg	43.5	1	06/03/10 12:11	06/14/10 12:33	7440-09-7	
Selenium	ND	mg/kg	0.43	1	06/03/10 12:11	06/14/10 12:33	7782-49-2	
Silver	**0.48**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 12:33	7440-22-4	
Sodium	ND	mg/kg	435	1	06/03/10 12:11	06/14/10 12:33	7440-23-5	
Thallium	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 12:33	7440-28-0	
Vanadium	**16.4**	mg/kg	0.87	1	06/03/10 12:11	06/14/10 12:33	7440-62-2	
Zinc	**53.5**	mg/kg	0.87	1	06/03/10 12:11	06/14/10 12:33	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:51	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3A **Lab ID: 3028586009** Collected: 05/27/10 15:20 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	606-20-2	
2-Chloronaphthalene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	91-58-7	
2-Chlorophenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	95-57-8	
2-Methylnaphthalene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	95-48-7	
2-Nitroaniline	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	88-74-4	
2-Nitrophenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	740	1	06/09/10 16:12	06/11/10 14:15		
3,3'-Dichlorobenzidine	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	91-94-1	
3-Nitroaniline	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	59-50-7	
4-Chloroaniline	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	7005-72-3	
4-Nitroaniline	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	100-01-6	
4-Nitrophenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	100-02-7	
Acenaphthene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	83-32-9	
Acenaphthylene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	208-96-8	
Anthracene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	120-12-7	
Benzo(a)anthracene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	207-08-9	
Benzyl alcohol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	100-51-6	
Butylbenzylphthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	85-68-7	
Chrysene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	218-01-9	
Di-n-butylphthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	84-74-2	
Di-n-octylphthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	53-70-3	
Dibenzofuran	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	132-64-9	
Diethylphthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	84-66-2	
Dimethylphthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	131-11-3	
Fluoranthene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	206-44-0	
Fluorene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	77-47-4	
Hexachloroethane	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	193-39-5	
Isophorone	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	78-59-1	

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3A **Lab ID: 3028586009** Collected: 05/27/10 15:20 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	86-30-6	
Naphthalene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	91-20-3	
Nitrobenzene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	98-95-3	
Pentachlorophenol	ND	ug/kg	926	1	06/09/10 16:12	06/11/10 14:15	87-86-5	
Phenanthrene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	85-01-8	
Phenol	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	108-95-2	
Pyrene	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1	06/09/10 16:12	06/11/10 14:15	117-81-7	
Nitrobenzene-d5 (S)	81	%	35-114	1	06/09/10 16:12	06/11/10 14:15	4165-60-0	
2-Fluorobiphenyl (S)	85	%	43-116	1	06/09/10 16:12	06/11/10 14:15	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/09/10 16:12	06/11/10 14:15	1718-51-0	
Phenol-d6 (S)	60	%	10-110	1	06/09/10 16:12	06/11/10 14:15	13127-88-3	
2-Fluorophenol (S)	65	%	21-110	1	06/09/10 16:12	06/11/10 14:15	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-123	1	06/09/10 16:12	06/11/10 14:15	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**55.0**	ug/kg	8.5	1		06/05/10 00:05	67-64-1	
Benzene	ND	ug/kg	4.3	1		06/05/10 00:05	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		06/05/10 00:05	75-27-4	
Bromoform	ND	ug/kg	4.3	1		06/05/10 00:05	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		06/05/10 00:05	74-83-9	
TOTAL BTEX	ND	ug/kg	25.5	1		06/05/10 00:05		
2-Butanone (MEK)	ND	ug/kg	8.5	1		06/05/10 00:05	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	135-98-8	
Carbon disulfide	ND	ug/kg	4.3	1		06/05/10 00:05	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		06/05/10 00:05	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		06/05/10 00:05	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	75-00-3	
Chloroform	ND	ug/kg	4.3	1		06/05/10 00:05	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		06/05/10 00:05	74-87-3	
Dibromochloromethane	ND	ug/kg	4.3	1		06/05/10 00:05	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		06/05/10 00:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		06/05/10 00:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		06/05/10 00:05	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	8.5	1		06/05/10 00:05	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.3	1		06/05/10 00:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/05/10 00:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		06/05/10 00:05	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3A **Lab ID: 3028586009** Collected: 05/27/10 15:20 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.3	1		06/05/10 00:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/05/10 00:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		06/05/10 00:05	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	100-41-4	
2-Hexanone	ND	ug/kg	8.5	1		06/05/10 00:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		06/05/10 00:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		06/05/10 00:05	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1		06/05/10 00:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8.5	1		06/05/10 00:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		06/05/10 00:05	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		06/05/10 00:05	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	103-65-1	
Styrene	ND	ug/kg	4.3	1		06/05/10 00:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		06/05/10 00:05	127-18-4	
Toluene	ND	ug/kg	4.3	1		06/05/10 00:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		06/05/10 00:05	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		06/05/10 00:05	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		06/05/10 00:05	108-67-8	
Vinyl chloride	ND	ug/kg	4.3	1		06/05/10 00:05	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	1		06/05/10 00:05	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		06/05/10 00:05	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		06/05/10 00:05	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/05/10 00:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/05/10 00:05	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		06/05/10 00:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.9**	%	0.10	1		06/11/10 10:54		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.1**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**59.7**	mg/kg	5.6	1		06/09/10 17:08	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3A(ASTM) **Lab ID: 3028586010** Collected: 05/27/10 15:20 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:19	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3B **Lab ID: 3028586011** Collected: 05/27/10 15:25 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.5	1	06/10/10 16:19	06/11/10 21:56		
o-Terphenyl (S)	80	%	50-150	1	06/10/10 16:19	06/11/10 21:56	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	8.6	1	06/07/10 16:38	06/10/10 18:04		
4-Bromofluorobenzene (S)	100	%	70-130	1	06/07/10 16:38	06/10/10 18:04	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13200**	mg/kg	8.1	1	06/03/10 12:11	06/14/10 12:36	7429-90-5	
Antimony	**0.59**	mg/kg	0.41	1	06/03/10 12:11	06/14/10 12:36	7440-36-0	
Arsenic	**7.3**	mg/kg	0.41	1	06/03/10 12:11	06/14/10 12:36	7440-38-2	
Barium	**134**	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:36	7440-39-3	
Beryllium	**0.64**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:36	7440-41-7	
Boron	**8.4**	mg/kg	4.1	1	06/03/10 12:11	06/14/10 12:36	7440-42-8	
Cadmium	**0.32**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:36	7440-43-9	
Calcium	**1120**	mg/kg	163	1	06/03/10 12:11	06/14/10 12:36	7440-70-2	
Chromium	**16.4**	mg/kg	0.41	1	06/03/10 12:11	06/14/10 12:36	7440-47-3	
Cobalt	**9.9**	mg/kg	0.81	1	06/03/10 12:11	06/14/10 12:36	7440-48-4	
Copper	**17.7**	mg/kg	0.81	1	06/03/10 12:11	06/14/10 12:36	7440-50-8	
Iron	**26100**	mg/kg	8.1	1	06/03/10 12:11	06/14/10 12:36	7439-89-6	
Lead	**10.4**	mg/kg	0.41	1	06/03/10 12:11	06/14/10 12:36	7439-92-1	
Magnesium	**3990**	mg/kg	40.7	1	06/03/10 12:11	06/14/10 12:36	7439-95-4	
Manganese	**515**	mg/kg	0.81	1	06/03/10 12:11	06/14/10 12:36	7439-96-5	
Molybdenum	ND	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:36	7439-98-7	
Nickel	**21.8**	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:36	7440-02-0	
Potassium	**1650**	mg/kg	40.7	1	06/03/10 12:11	06/14/10 12:36	7440-09-7	
Selenium	ND	mg/kg	0.41	1	06/03/10 12:11	06/14/10 12:36	7782-49-2	
Silver	**0.40**	mg/kg	0.16	1	06/03/10 12:11	06/14/10 12:36	7440-22-4	
Sodium	ND	mg/kg	407	1	06/03/10 12:11	06/14/10 12:36	7440-23-5	
Thallium	ND	mg/kg	1.6	1	06/03/10 12:11	06/14/10 12:36	7440-28-0	
Vanadium	**20.5**	mg/kg	0.81	1	06/03/10 12:11	06/14/10 12:36	7440-62-2	
Zinc	**59.0**	mg/kg	0.81	1	06/03/10 12:11	06/14/10 12:36	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:53	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3B **Lab ID: 3028586011** Collected: 05/27/10 15:25 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	606-20-2	
2-Chloronaphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	91-58-7	
2-Chlorophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	95-57-8	
2-Methylnaphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	95-48-7	
2-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	88-74-4	
2-Nitrophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	744	1	06/09/10 16:12	06/11/10 14:37		
3,3'-Dichlorobenzidine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	91-94-1	
3-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	59-50-7	
4-Chloroaniline	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	7005-72-3	
4-Nitroaniline	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	100-01-6	
4-Nitrophenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	100-02-7	
Acenaphthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	83-32-9	
Acenaphthylene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	208-96-8	
Anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	56-55-3	
Benzo(a)pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	207-08-9	
Benzyl alcohol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	100-51-6	
Butylbenzylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	85-68-7	
Chrysene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	218-01-9	
Di-n-butylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	84-74-2	
Di-n-octylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	53-70-3	
Dibenzofuran	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	132-64-9	
Diethylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	84-66-2	
Dimethylphthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	131-11-3	
Fluoranthene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	206-44-0	
Fluorene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	77-47-4	
Hexachloroethane	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	193-39-5	
Isophorone	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3B **Lab ID: 3028586011** Collected: 05/27/10 15:25 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	86-30-6	
Naphthalene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	91-20-3	
Nitrobenzene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	98-95-3	
Pentachlorophenol	ND	ug/kg	930	1	06/09/10 16:12	06/11/10 14:37	87-86-5	
Phenanthrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	85-01-8	
Phenol	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	108-95-2	
Pyrene	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	1	06/09/10 16:12	06/11/10 14:37	117-81-7	
Nitrobenzene-d5 (S)	73	%	35-114	1	06/09/10 16:12	06/11/10 14:37	4165-60-0	
2-Fluorobiphenyl (S)	103	%	43-116	1	06/09/10 16:12	06/11/10 14:37	321-60-8	
Terphenyl-d14 (S)	138	%	33-141	1	06/09/10 16:12	06/11/10 14:37	1718-51-0	
Phenol-d6 (S)	69	%	10-110	1	06/09/10 16:12	06/11/10 14:37	13127-88-3	
2-Fluorophenol (S)	79	%	21-110	1	06/09/10 16:12	06/11/10 14:37	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-123	1	06/09/10 16:12	06/11/10 14:37	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**29.2**	ug/kg	11.6	1		06/05/10 00:29	67-64-1	
Benzene	ND	ug/kg	5.8	1		06/05/10 00:29	71-43-2	
Bromodichloromethane	ND	ug/kg	5.8	1		06/05/10 00:29	75-27-4	
Bromoform	ND	ug/kg	5.8	1		06/05/10 00:29	75-25-2	
Bromomethane	ND	ug/kg	5.8	1		06/05/10 00:29	74-83-9	
TOTAL BTEX	ND	ug/kg	34.7	1		06/05/10 00:29		
2-Butanone (MEK)	ND	ug/kg	11.6	1		06/05/10 00:29	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	135-98-8	
Carbon disulfide	ND	ug/kg	5.8	1		06/05/10 00:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.8	1		06/05/10 00:29	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1		06/05/10 00:29	108-90-7	
Chloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	75-00-3	
Chloroform	ND	ug/kg	5.8	1		06/05/10 00:29	67-66-3	
Chloromethane	ND	ug/kg	5.8	1		06/05/10 00:29	74-87-3	
Dibromochloromethane	ND	ug/kg	5.8	1		06/05/10 00:29	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	5.8	1		06/05/10 00:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1		06/05/10 00:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1		06/05/10 00:29	106-46-7	
1,1-Dichloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	11.6	1		06/05/10 00:29	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.8	1		06/05/10 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1		06/05/10 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1		06/05/10 00:29	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3B **Lab ID: 3028586011** Collected: 05/27/10 15:25 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	5.8	1		06/05/10 00:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1		06/05/10 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1		06/05/10 00:29	10061-02-6	
Ethylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	100-41-4	
2-Hexanone	ND	ug/kg	11.6	1		06/05/10 00:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1		06/05/10 00:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	1		06/05/10 00:29	99-87-6	
Methylene Chloride	ND	ug/kg	5.8	1		06/05/10 00:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.6	1		06/05/10 00:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		06/05/10 00:29	1634-04-4	
Naphthalene	ND	ug/kg	5.8	1		06/05/10 00:29	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	103-65-1	
Styrene	ND	ug/kg	5.8	1		06/05/10 00:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1		06/05/10 00:29	127-18-4	
Toluene	ND	ug/kg	5.8	1		06/05/10 00:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1		06/05/10 00:29	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1		06/05/10 00:29	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1		06/05/10 00:29	108-67-8	
Vinyl chloride	ND	ug/kg	5.8	1		06/05/10 00:29	75-01-4	
Xylene (Total)	ND	ug/kg	17.3	1		06/05/10 00:29	1330-20-7	
m&p-Xylene	ND	ug/kg	11.6	1		06/05/10 00:29	179601-23-1	
o-Xylene	ND	ug/kg	5.8	1		06/05/10 00:29	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/05/10 00:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/05/10 00:29	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		06/05/10 00:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.3**	%	0.10	1		06/11/10 10:56		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.6**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**18.8**	mg/kg	5.2	1		06/09/10 17:09	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P3B(ASTM) **Lab ID: 3028586012** Collected: 05/27/10 15:25 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:22	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4A **Lab ID: 3028586013** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	**8.0**	mg/kg	7.8	1	06/10/10 16:19	06/11/10 22:20		
o-Terphenyl (S)	92	%	50-150	1	06/10/10 16:19	06/11/10 22:20	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.0	1	06/10/10 15:22	06/10/10 18:20		
4-Bromofluorobenzene (S)	99	%	70-130	1	06/10/10 15:22	06/10/10 18:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**12400**	mg/kg	9.2	1	06/03/10 12:11	06/14/10 12:52	7429-90-5	
Antimony	ND	mg/kg	0.46	1	06/03/10 12:11	06/14/10 12:52	7440-36-0	
Arsenic	**7.9**	mg/kg	0.46	1	06/03/10 12:11	06/14/10 12:52	7440-38-2	
Barium	**164**	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:52	7440-39-3	
Beryllium	**0.63**	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:52	7440-41-7	
Boron	**6.4**	mg/kg	4.6	1	06/03/10 12:11	06/14/10 12:52	7440-42-8	
Cadmium	**0.32**	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:52	7440-43-9	
Calcium	**1120**	mg/kg	184	1	06/03/10 12:11	06/14/10 12:52	7440-70-2	
Chromium	**13.9**	mg/kg	0.46	1	06/03/10 12:11	06/14/10 12:52	7440-47-3	
Cobalt	**11.0**	mg/kg	0.92	1	06/03/10 12:11	06/14/10 12:52	7440-48-4	
Copper	**14.3**	mg/kg	0.92	1	06/03/10 12:11	06/14/10 12:52	7440-50-8	
Iron	**24000**	mg/kg	9.2	1	06/03/10 12:11	06/14/10 12:52	7439-89-6	
Lead	**13.1**	mg/kg	0.46	1	06/03/10 12:11	06/14/10 12:52	7439-92-1	
Magnesium	**3280**	mg/kg	46.0	1	06/03/10 12:11	06/14/10 12:52	7439-95-4	
Manganese	**640**	mg/kg	0.92	1	06/03/10 12:11	06/14/10 12:52	7439-96-5	
Molybdenum	ND	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:52	7439-98-7	
Nickel	**18.3**	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:52	7440-02-0	
Potassium	**1560**	mg/kg	46.0	1	06/03/10 12:11	06/14/10 12:52	7440-09-7	
Selenium	ND	mg/kg	0.46	1	06/03/10 12:11	06/14/10 12:52	7782-49-2	
Silver	ND	mg/kg	0.18	1	06/03/10 12:11	06/14/10 12:52	7440-22-4	
Sodium	ND	mg/kg	460	1	06/03/10 12:11	06/14/10 12:52	7440-23-5	
Thallium	ND	mg/kg	1.8	1	06/03/10 12:11	06/14/10 12:52	7440-28-0	
Vanadium	**18.1**	mg/kg	0.92	1	06/03/10 12:11	06/14/10 12:52	7440-62-2	
Zinc	**55.5**	mg/kg	0.92	1	06/03/10 12:11	06/14/10 12:52	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:55	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4A **Lab ID: 3028586013** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	606-20-2	
2-Chloronaphthalene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	91-58-7	
2-Chlorophenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	95-57-8	
2-Methylnaphthalene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	95-48-7	
2-Nitroaniline	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	88-74-4	
2-Nitrophenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	786	1	06/09/10 16:12	06/11/10 14:58		
3,3'-Dichlorobenzidine	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	91-94-1	
3-Nitroaniline	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	59-50-7	
4-Chloroaniline	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	7005-72-3	
4-Nitroaniline	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	100-01-6	
4-Nitrophenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	100-02-7	
Acenaphthene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	83-32-9	
Acenaphthylene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	208-96-8	
Anthracene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	207-08-9	
Benzyl alcohol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	100-51-6	
Butylbenzylphthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	85-68-7	
Chrysene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	218-01-9	
Di-n-butylphthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	84-74-2	
Di-n-octylphthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	53-70-3	
Dibenzofuran	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	132-64-9	
Diethylphthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	84-66-2	
Dimethylphthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	131-11-3	
Fluoranthene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	206-44-0	
Fluorene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	87-68-3	
Hexachlorobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	77-47-4	
Hexachloroethane	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	193-39-5	
Isophorone	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4A **Lab ID: 3028586013** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	86-30-6	
Naphthalene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	91-20-3	
Nitrobenzene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	98-95-3	
Pentachlorophenol	ND	ug/kg	984	1	06/09/10 16:12	06/11/10 14:58	87-86-5	
Phenanthrene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	85-01-8	
Phenol	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	108-95-2	
Pyrene	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	393	1	06/09/10 16:12	06/11/10 14:58	117-81-7	
Nitrobenzene-d5 (S)	83	%	35-114	1	06/09/10 16:12	06/11/10 14:58	4165-60-0	
2-Fluorobiphenyl (S)	93	%	43-116	1	06/09/10 16:12	06/11/10 14:58	321-60-8	
Terphenyl-d14 (S)	121	%	33-141	1	06/09/10 16:12	06/11/10 14:58	1718-51-0	
Phenol-d6 (S)	61	%	10-110	1	06/09/10 16:12	06/11/10 14:58	13127-88-3	
2-Fluorophenol (S)	75	%	21-110	1	06/09/10 16:12	06/11/10 14:58	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-123	1	06/09/10 16:12	06/11/10 14:58	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**80.8**	ug/kg	9.3	1		06/05/10 00:54	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/05/10 00:54	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/05/10 00:54	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/05/10 00:54	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/05/10 00:54	74-83-9	
TOTAL BTEX	ND	ug/kg	27.8	1		06/05/10 00:54		
2-Butanone (MEK)	**10.8**	ug/kg	9.3	1		06/05/10 00:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/05/10 00:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/05/10 00:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/05/10 00:54	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/05/10 00:54	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/05/10 00:54	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/05/10 00:54	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 00:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 00:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 00:54	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.3	1		06/05/10 00:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 00:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 00:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 00:54	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4A **Lab ID: 3028586013** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/05/10 00:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 00:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 00:54	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	100-41-4	
2-Hexanone	ND	ug/kg	9.3	1		06/05/10 00:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/05/10 00:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/05/10 00:54	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/05/10 00:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.3	1		06/05/10 00:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/05/10 00:54	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/05/10 00:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/05/10 00:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/05/10 00:54	127-18-4	
Toluene	**22.5**	ug/kg	4.6	1		06/05/10 00:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 00:54	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/05/10 00:54	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 00:54	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/05/10 00:54	75-01-4	
Xylene (Total)	ND	ug/kg	13.9	1		06/05/10 00:54	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		06/05/10 00:54	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/05/10 00:54	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/05/10 00:54	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/05/10 00:54	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130	1		06/05/10 00:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.4**	%	0.10	1		06/11/10 10:56		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.8**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**144**	mg/kg	5.9	1		06/09/10 17:09	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4A(ASTM) **Lab ID: 3028586014** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:23	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4B **Lab ID: 3028586015** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.3	1	06/10/10 16:19	06/11/10 22:44		
o-Terphenyl (S)	73	%	50-150	1	06/10/10 16:19	06/11/10 22:44	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.8	1	06/10/10 15:22	06/10/10 19:11		
4-Bromofluorobenzene (S)	98	%	70-130	1	06/10/10 15:22	06/10/10 19:11	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11500**	mg/kg	6.7	1	06/03/10 12:11	06/14/10 12:55	7429-90-5	
Antimony	**0.40**	mg/kg	0.33	1	06/03/10 12:11	06/14/10 12:55	7440-36-0	
Arsenic	**8.4**	mg/kg	0.33	1	06/03/10 12:11	06/14/10 12:55	7440-38-2	
Barium	**137**	mg/kg	1.3	1	06/03/10 12:11	06/14/10 12:55	7440-39-3	
Beryllium	**0.70**	mg/kg	0.13	1	06/03/10 12:11	06/14/10 12:55	7440-41-7	
Boron	**6.4**	mg/kg	3.3	1	06/03/10 12:11	06/14/10 12:55	7440-42-8	
Cadmium	**0.33**	mg/kg	0.13	1	06/03/10 12:11	06/14/10 12:55	7440-43-9	
Calcium	**1130**	mg/kg	133	1	06/03/10 12:11	06/14/10 12:55	7440-70-2	
Chromium	**14.2**	mg/kg	0.33	1	06/03/10 12:11	06/14/10 12:55	7440-47-3	
Cobalt	**12.1**	mg/kg	0.67	1	06/03/10 12:11	06/14/10 12:55	7440-48-4	
Copper	**19.8**	mg/kg	0.67	1	06/03/10 12:11	06/14/10 12:55	7440-50-8	
Iron	**25500**	mg/kg	6.7	1	06/03/10 12:11	06/14/10 12:55	7439-89-6	
Lead	**11.5**	mg/kg	0.33	1	06/03/10 12:11	06/14/10 12:55	7439-92-1	
Magnesium	**3820**	mg/kg	33.3	1	06/03/10 12:11	06/14/10 12:55	7439-95-4	
Manganese	**586**	mg/kg	0.67	1	06/03/10 12:11	06/14/10 12:55	7439-96-5	
Molybdenum	ND	mg/kg	1.3	1	06/03/10 12:11	06/14/10 12:55	7439-98-7	
Nickel	**22.8**	mg/kg	1.3	1	06/03/10 12:11	06/14/10 12:55	7440-02-0	
Potassium	**1710**	mg/kg	33.3	1	06/03/10 12:11	06/14/10 12:55	7440-09-7	
Selenium	ND	mg/kg	0.33	1	06/03/10 12:11	06/14/10 12:55	7782-49-2	
Silver	ND	mg/kg	0.13	1	06/03/10 12:11	06/14/10 12:55	7440-22-4	
Sodium	ND	mg/kg	333	1	06/03/10 12:11	06/14/10 12:55	7440-23-5	
Thallium	ND	mg/kg	1.3	1	06/03/10 12:11	06/14/10 12:55	7440-28-0	
Vanadium	**15.3**	mg/kg	0.67	1	06/03/10 12:11	06/14/10 12:55	7440-62-2	
Zinc	**55.7**	mg/kg	0.67	1	06/03/10 12:11	06/14/10 12:55	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:56	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4B **Lab ID: 3028586015** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	606-20-2	
2-Chloronaphthalene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	91-58-7	
2-Chlorophenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	95-57-8	
2-Methylnaphthalene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	95-48-7	
2-Nitroaniline	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	88-74-4	
2-Nitrophenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	719	1	06/09/10 16:12	06/11/10 15:20		
3,3'-Dichlorobenzidine	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	91-94-1	
3-Nitroaniline	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	59-50-7	
4-Chloroaniline	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	7005-72-3	
4-Nitroaniline	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	100-01-6	
4-Nitrophenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	100-02-7	
Acenaphthene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	83-32-9	
Acenaphthylene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	208-96-8	
Anthracene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	120-12-7	
Benzo(a)anthracene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	56-55-3	
Benzo(a)pyrene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	207-08-9	
Benzyl alcohol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	100-51-6	
Butylbenzylphthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	85-68-7	
Chrysene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	218-01-9	
Di-n-butylphthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	84-74-2	
Di-n-octylphthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	53-70-3	
Dibenzofuran	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	132-64-9	
Diethylphthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	84-66-2	
Dimethylphthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	131-11-3	
Fluoranthene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	206-44-0	
Fluorene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	87-68-3	
Hexachlorobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	77-47-4	
Hexachloroethane	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	193-39-5	
Isophorone	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4B **Lab ID: 3028586015** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	86-30-6	
Naphthalene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	91-20-3	
Nitrobenzene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	98-95-3	
Pentachlorophenol	ND	ug/kg	899	1	06/09/10 16:12	06/11/10 15:20	87-86-5	
Phenanthrene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	85-01-8	
Phenol	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	108-95-2	
Pyrene	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	359	1	06/09/10 16:12	06/11/10 15:20	117-81-7	
Nitrobenzene-d5 (S)	91	%	35-114	1	06/09/10 16:12	06/11/10 15:20	4165-60-0	
2-Fluorobiphenyl (S)	101	%	43-116	1	06/09/10 16:12	06/11/10 15:20	321-60-8	
Terphenyl-d14 (S)	147	%	33-141	1	06/09/10 16:12	06/11/10 15:20	1718-51-0	S3
Phenol-d6 (S)	69	%	10-110	1	06/09/10 16:12	06/11/10 15:20	13127-88-3	
2-Fluorophenol (S)	68	%	21-110	1	06/09/10 16:12	06/11/10 15:20	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-123	1	06/09/10 16:12	06/11/10 15:20	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**85.9**	ug/kg	9.5	1		06/05/10 01:18	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/05/10 01:18	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/05/10 01:18	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/05/10 01:18	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/05/10 01:18	74-83-9	
TOTAL BTEX	ND	ug/kg	28.4	1		06/05/10 01:18		
2-Butanone (MEK)	ND	ug/kg	9.5	1		06/05/10 01:18	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/05/10 01:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/05/10 01:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:18	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/05/10 01:18	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/05/10 01:18	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/05/10 01:18	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:18	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.5	1		06/05/10 01:18	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:18	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4B **Lab ID: 3028586015** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/05/10 01:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/05/10 01:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/05/10 01:18	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	100-41-4	
2-Hexanone	ND	ug/kg	9.5	1		06/05/10 01:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/05/10 01:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/05/10 01:18	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/05/10 01:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.5	1		06/05/10 01:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/05/10 01:18	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/05/10 01:18	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/05/10 01:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/05/10 01:18	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/05/10 01:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/05/10 01:18	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/05/10 01:18	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:18	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/05/10 01:18	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1		06/05/10 01:18	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	1		06/05/10 01:18	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/05/10 01:18	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/05/10 01:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/05/10 01:18	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130	1		06/05/10 01:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		06/11/10 10:57		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.9**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**5.7**	mg/kg	5.0	1		06/09/10 17:10	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P4B(ASTM) **Lab ID: 3028586016** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:24	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5A **Lab ID: 3028586017** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.7	1	06/10/10 16:19	06/11/10 23:08		
o-Terphenyl (S)	82	%	50-150	1	06/10/10 16:19	06/11/10 23:08	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	11.5	1	06/10/10 15:22	06/10/10 19:28		
4-Bromofluorobenzene (S)	102	%	70-130	1	06/10/10 15:22	06/10/10 19:28	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**13400**	mg/kg	11.3	1	06/03/10 12:11	06/14/10 12:58	7429-90-5	
Antimony	**1.1**	mg/kg	0.57	1	06/03/10 12:11	06/14/10 12:58	7440-36-0	
Arsenic	**10.1**	mg/kg	0.57	1	06/03/10 12:11	06/14/10 12:58	7440-38-2	
Barium	**87.0**	mg/kg	2.3	1	06/03/10 12:11	06/14/10 12:58	7440-39-3	
Beryllium	**0.67**	mg/kg	0.23	1	06/03/10 12:11	06/14/10 12:58	7440-41-7	
Boron	**6.8**	mg/kg	5.7	1	06/03/10 12:11	06/14/10 12:58	7440-42-8	
Cadmium	**0.24**	mg/kg	0.23	1	06/03/10 12:11	06/14/10 12:58	7440-43-9	
Calcium	**543**	mg/kg	227	1	06/03/10 12:11	06/14/10 12:58	7440-70-2	
Chromium	**16.1**	mg/kg	0.57	1	06/03/10 12:11	06/14/10 12:58	7440-47-3	
Cobalt	**10.3**	mg/kg	1.1	1	06/03/10 12:11	06/14/10 12:58	7440-48-4	
Copper	**11.2**	mg/kg	1.1	1	06/03/10 12:11	06/14/10 12:58	7440-50-8	
Iron	**28400**	mg/kg	11.3	1	06/03/10 12:11	06/14/10 12:58	7439-89-6	
Lead	**12.2**	mg/kg	0.57	1	06/03/10 12:11	06/14/10 12:58	7439-92-1	
Magnesium	**3480**	mg/kg	56.7	1	06/03/10 12:11	06/14/10 12:58	7439-95-4	
Manganese	**587**	mg/kg	1.1	1	06/03/10 12:11	06/14/10 12:58	7439-96-5	
Molybdenum	ND	mg/kg	2.3	1	06/03/10 12:11	06/14/10 12:58	7439-98-7	
Nickel	**18.3**	mg/kg	2.3	1	06/03/10 12:11	06/14/10 12:58	7440-02-0	
Potassium	**1380**	mg/kg	56.7	1	06/03/10 12:11	06/14/10 12:58	7440-09-7	
Selenium	ND	mg/kg	0.57	1	06/03/10 12:11	06/14/10 12:58	7782-49-2	
Silver	ND	mg/kg	0.23	1	06/03/10 12:11	06/14/10 12:58	7440-22-4	
Sodium	ND	mg/kg	567	1	06/03/10 12:11	06/14/10 12:58	7440-23-5	
Thallium	ND	mg/kg	2.3	1	06/03/10 12:11	06/14/10 12:58	7440-28-0	
Vanadium	**21.1**	mg/kg	1.1	1	06/03/10 12:11	06/14/10 12:58	7440-62-2	
Zinc	**52.8**	mg/kg	1.1	1	06/03/10 12:11	06/14/10 12:58	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 09:58	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5A **Lab ID: 3028586017** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	606-20-2	
2-Chloronaphthalene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	91-58-7	
2-Chlorophenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	95-57-8	
2-Methylnaphthalene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	95-48-7	
2-Nitroaniline	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	88-74-4	
2-Nitrophenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	775	1	06/09/10 16:12	06/11/10 15:43		
3,3'-Dichlorobenzidine	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	91-94-1	
3-Nitroaniline	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	59-50-7	
4-Chloroaniline	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	7005-72-3	
4-Nitroaniline	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	100-01-6	
4-Nitrophenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	100-02-7	
Acenaphthene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	83-32-9	
Acenaphthylene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	208-96-8	
Anthracene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	56-55-3	
Benzo(a)pyrene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	207-08-9	
Benzyl alcohol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	100-51-6	
Butylbenzylphthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	85-68-7	
Chrysene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	218-01-9	
Di-n-butylphthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	84-74-2	
Di-n-octylphthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	53-70-3	
Dibenzofuran	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	132-64-9	
Diethylphthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	84-66-2	
Dimethylphthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	131-11-3	
Fluoranthene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	206-44-0	
Fluorene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	87-68-3	
Hexachlorobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	77-47-4	
Hexachloroethane	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	193-39-5	
Isophorone	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	78-59-1	

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(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5A **Lab ID: 3028586017** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	86-30-6	
Naphthalene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	91-20-3	
Nitrobenzene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	98-95-3	
Pentachlorophenol	ND	ug/kg	969	1	06/09/10 16:12	06/11/10 15:43	87-86-5	
Phenanthrene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	85-01-8	
Phenol	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	108-95-2	
Pyrene	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	387	1	06/09/10 16:12	06/11/10 15:43	117-81-7	
Nitrobenzene-d5 (S)	72	%	35-114	1	06/09/10 16:12	06/11/10 15:43	4165-60-0	
2-Fluorobiphenyl (S)	86	%	43-116	1	06/09/10 16:12	06/11/10 15:43	321-60-8	
Terphenyl-d14 (S)	103	%	33-141	1	06/09/10 16:12	06/11/10 15:43	1718-51-0	
Phenol-d6 (S)	58	%	10-110	1	06/09/10 16:12	06/11/10 15:43	13127-88-3	
2-Fluorophenol (S)	69	%	21-110	1	06/09/10 16:12	06/11/10 15:43	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-123	1	06/09/10 16:12	06/11/10 15:43	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**106**	ug/kg	9.4	1		06/05/10 01:42	67-64-1	
Benzene	ND	ug/kg	4.7	1		06/05/10 01:42	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		06/05/10 01:42	75-27-4	
Bromoform	ND	ug/kg	4.7	1		06/05/10 01:42	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		06/05/10 01:42	74-83-9	
TOTAL BTEX	ND	ug/kg	28.3	1		06/05/10 01:42		
2-Butanone (MEK)	ND	ug/kg	9.4	1		06/05/10 01:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	135-98-8	
Carbon disulfide	ND	ug/kg	4.7	1		06/05/10 01:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		06/05/10 01:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:42	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	75-00-3	
Chloroform	ND	ug/kg	4.7	1		06/05/10 01:42	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		06/05/10 01:42	74-87-3	
Dibromochloromethane	ND	ug/kg	4.7	1		06/05/10 01:42	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		06/05/10 01:42	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.4	1		06/05/10 01:42	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		06/05/10 01:42	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5A **Lab ID: 3028586017** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.7	1		06/05/10 01:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/05/10 01:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		06/05/10 01:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	100-41-4	
2-Hexanone	ND	ug/kg	9.4	1		06/05/10 01:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		06/05/10 01:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		06/05/10 01:42	99-87-6	
Methylene Chloride	ND	ug/kg	4.7	1		06/05/10 01:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.4	1		06/05/10 01:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		06/05/10 01:42	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		06/05/10 01:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	103-65-1	
Styrene	ND	ug/kg	4.7	1		06/05/10 01:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		06/05/10 01:42	127-18-4	
Toluene	ND	ug/kg	4.7	1		06/05/10 01:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		06/05/10 01:42	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		06/05/10 01:42	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		06/05/10 01:42	108-67-8	
Vinyl chloride	ND	ug/kg	4.7	1		06/05/10 01:42	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1		06/05/10 01:42	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1		06/05/10 01:42	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		06/05/10 01:42	95-47-6	
Toluene-d8 (S)	89	%	70-130	1		06/05/10 01:42	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/05/10 01:42	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-130	1		06/05/10 01:42	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.2**	%	0.10	1		06/11/10 10:58		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.6**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**64.5**	mg/kg	5.2	1		06/09/10 17:11	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5A(ASTM) **Lab ID: 3028586018** Collected: 05/27/10 15:45 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:24	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5B **Lab ID: 3028586019** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.6	1	06/10/10 16:19	06/11/10 23:32		
o-Terphenyl (S)	78	%	50-150	1	06/10/10 16:19	06/11/10 23:32	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	10.1	1	06/10/10 15:22	06/10/10 19:45		
4-Bromofluorobenzene (S)	125	%	70-130	1	06/10/10 15:22	06/10/10 19:45	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11900**	mg/kg	8.6	1	06/03/10 12:11	06/14/10 13:01	7429-90-5	
Antimony	**0.69**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:01	7440-36-0	
Arsenic	**9.2**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:01	7440-38-2	
Barium	**143**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:01	7440-39-3	
Beryllium	**0.72**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:01	7440-41-7	
Boron	**6.7**	mg/kg	4.3	1	06/03/10 12:11	06/14/10 13:01	7440-42-8	
Cadmium	**0.22**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:01	7440-43-9	
Calcium	**1130**	mg/kg	172	1	06/03/10 12:11	06/14/10 13:01	7440-70-2	
Chromium	**14.3**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:01	7440-47-3	
Cobalt	**12.3**	mg/kg	0.86	1	06/03/10 12:11	06/14/10 13:01	7440-48-4	
Copper	**25.9**	mg/kg	0.86	1	06/03/10 12:11	06/14/10 13:01	7440-50-8	
Iron	**25900**	mg/kg	8.6	1	06/03/10 12:11	06/14/10 13:01	7439-89-6	
Lead	**13.8**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:01	7439-92-1	
Magnesium	**3970**	mg/kg	43.1	1	06/03/10 12:11	06/14/10 13:01	7439-95-4	
Manganese	**680**	mg/kg	0.86	1	06/03/10 12:11	06/14/10 13:01	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:01	7439-98-7	
Nickel	**24.4**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:01	7440-02-0	
Potassium	**1740**	mg/kg	43.1	1	06/03/10 12:11	06/14/10 13:01	7440-09-7	
Selenium	ND	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:01	7782-49-2	
Silver	ND	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:01	7440-22-4	
Sodium	ND	mg/kg	431	1	06/03/10 12:11	06/14/10 13:01	7440-23-5	
Thallium	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:01	7440-28-0	
Vanadium	**15.4**	mg/kg	0.86	1	06/03/10 12:11	06/14/10 13:01	7440-62-2	
Zinc	**57.8**	mg/kg	0.86	1	06/03/10 12:11	06/14/10 13:01	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 10:00	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5B **Lab ID: 3028586019** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	606-20-2	
2-Chloronaphthalene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	91-58-7	
2-Chlorophenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	95-57-8	
2-Methylnaphthalene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	95-48-7	
2-Nitroaniline	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	88-74-4	
2-Nitrophenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	742	1	06/09/10 16:12	06/11/10 16:05		
3,3'-Dichlorobenzidine	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	91-94-1	
3-Nitroaniline	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	59-50-7	
4-Chloroaniline	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	7005-72-3	
4-Nitroaniline	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	100-01-6	
4-Nitrophenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	100-02-7	
Acenaphthene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	83-32-9	
Acenaphthylene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	208-96-8	
Anthracene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	56-55-3	
Benzo(a)pyrene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	207-08-9	
Benzyl alcohol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	100-51-6	
Butylbenzylphthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	85-68-7	
Chrysene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	218-01-9	
Di-n-butylphthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	84-74-2	
Di-n-octylphthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	53-70-3	
Dibenzofuran	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	132-64-9	
Diethylphthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	84-66-2	
Dimethylphthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	131-11-3	
Fluoranthene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	206-44-0	
Fluorene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	87-68-3	
Hexachlorobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	77-47-4	
Hexachloroethane	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	193-39-5	
Isophorone	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5B **Lab ID: 3028586019** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	86-30-6	
Naphthalene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	91-20-3	
Nitrobenzene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	98-95-3	
Pentachlorophenol	ND	ug/kg	928	1	06/09/10 16:12	06/11/10 16:05	87-86-5	
Phenanthrene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	85-01-8	
Phenol	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	108-95-2	
Pyrene	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	371	1	06/09/10 16:12	06/11/10 16:05	117-81-7	
Nitrobenzene-d5 (S)	67	%	35-114	1	06/09/10 16:12	06/11/10 16:05	4165-60-0	
2-Fluorobiphenyl (S)	89	%	43-116	1	06/09/10 16:12	06/11/10 16:05	321-60-8	
Terphenyl-d14 (S)	122	%	33-141	1	06/09/10 16:12	06/11/10 16:05	1718-51-0	
Phenol-d6 (S)	58	%	10-110	1	06/09/10 16:12	06/11/10 16:05	13127-88-3	
2-Fluorophenol (S)	66	%	21-110	1	06/09/10 16:12	06/11/10 16:05	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-123	1	06/09/10 16:12	06/11/10 16:05	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**77.8**	ug/kg	9.5	1		06/05/10 02:06	67-64-1	
Benzene	ND	ug/kg	4.8	1		06/05/10 02:06	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		06/05/10 02:06	75-27-4	
Bromoform	ND	ug/kg	4.8	1		06/05/10 02:06	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		06/05/10 02:06	74-83-9	
TOTAL BTEX	ND	ug/kg	28.5	1		06/05/10 02:06		
2-Butanone (MEK)	ND	ug/kg	9.5	1		06/05/10 02:06	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	135-98-8	
Carbon disulfide	ND	ug/kg	4.8	1		06/05/10 02:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		06/05/10 02:06	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		06/05/10 02:06	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	75-00-3	
Chloroform	ND	ug/kg	4.8	1		06/05/10 02:06	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		06/05/10 02:06	74-87-3	
Dibromochloromethane	ND	ug/kg	4.8	1		06/05/10 02:06	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		06/05/10 02:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		06/05/10 02:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		06/05/10 02:06	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.5	1		06/05/10 02:06	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.8	1		06/05/10 02:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/05/10 02:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		06/05/10 02:06	156-60-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5B **Lab ID: 3028586019** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.8	1		06/05/10 02:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/05/10 02:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		06/05/10 02:06	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	100-41-4	
2-Hexanone	ND	ug/kg	9.5	1		06/05/10 02:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		06/05/10 02:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		06/05/10 02:06	99-87-6	
Methylene Chloride	ND	ug/kg	4.8	1		06/05/10 02:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.5	1		06/05/10 02:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		06/05/10 02:06	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		06/05/10 02:06	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	103-65-1	
Styrene	ND	ug/kg	4.8	1		06/05/10 02:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		06/05/10 02:06	127-18-4	
Toluene	ND	ug/kg	4.8	1		06/05/10 02:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		06/05/10 02:06	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		06/05/10 02:06	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		06/05/10 02:06	108-67-8	
Vinyl chloride	ND	ug/kg	4.8	1		06/05/10 02:06	75-01-4	
Xylene (Total)	ND	ug/kg	14.3	1		06/05/10 02:06	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	1		06/05/10 02:06	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		06/05/10 02:06	95-47-6	
Toluene-d8 (S)	90	%	70-130	1		06/05/10 02:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/05/10 02:06	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		06/05/10 02:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.0**	%	0.10	1		06/11/10 12:16		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.0**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**7.5**	mg/kg	5.3	1		06/09/10 17:12	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P5B(ASTM) **Lab ID: 3028586020** Collected: 05/27/10 15:50 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/03/10 13:31		2c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:25	16887-00-6	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6A **Lab ID: 3028586021** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.1	1	06/10/10 16:19	06/11/10 23:56		
o-Terphenyl (S)	91	%	50-150	1	06/10/10 16:19	06/11/10 23:56	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	9.3	1	06/10/10 15:22	06/10/10 20:02		
4-Bromofluorobenzene (S)	94	%	70-130	1	06/10/10 15:22	06/10/10 20:02	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11600**	mg/kg	8.5	1	06/03/10 12:11	06/14/10 13:04	7429-90-5	
Antimony	**0.86**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:04	7440-36-0	
Arsenic	**6.3**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:04	7440-38-2	
Barium	**71.7**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:04	7440-39-3	
Beryllium	**0.63**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:04	7440-41-7	
Boron	**6.7**	mg/kg	4.3	1	06/03/10 12:11	06/14/10 13:04	7440-42-8	
Cadmium	**0.31**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:04	7440-43-9	
Calcium	**508**	mg/kg	170	1	06/03/10 12:11	06/14/10 13:04	7440-70-2	
Chromium	**15.0**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:04	7440-47-3	
Cobalt	**11.3**	mg/kg	0.85	1	06/03/10 12:11	06/14/10 13:04	7440-48-4	
Copper	**12.9**	mg/kg	0.85	1	06/03/10 12:11	06/14/10 13:04	7440-50-8	
Iron	**26500**	mg/kg	8.5	1	06/03/10 12:11	06/14/10 13:04	7439-89-6	
Lead	**9.0**	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:04	7439-92-1	
Magnesium	**3910**	mg/kg	42.6	1	06/03/10 12:11	06/14/10 13:04	7439-95-4	
Manganese	**608**	mg/kg	0.85	1	06/03/10 12:11	06/14/10 13:04	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:04	7439-98-7	
Nickel	**23.1**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:04	7440-02-0	
Potassium	**1370**	mg/kg	42.6	1	06/03/10 12:11	06/14/10 13:04	7440-09-7	
Selenium	ND	mg/kg	0.43	1	06/03/10 12:11	06/14/10 13:04	7782-49-2	
Silver	ND	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:04	7440-22-4	
Sodium	ND	mg/kg	426	1	06/03/10 12:11	06/14/10 13:04	7440-23-5	
Thallium	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:04	7440-28-0	
Vanadium	**14.4**	mg/kg	0.85	1	06/03/10 12:11	06/14/10 13:04	7440-62-2	
Zinc	**50.7**	mg/kg	0.85	1	06/03/10 12:11	06/14/10 13:04	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.10	1	06/04/10 10:52	06/07/10 10:01	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6A **Lab ID: 3028586021** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	606-20-2	
2-Chloronaphthalene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	91-58-7	
2-Chlorophenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	95-57-8	
2-Methylnaphthalene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	95-48-7	
2-Nitroaniline	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	88-74-4	
2-Nitrophenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	705	1	06/09/10 16:12	06/11/10 16:27		
3,3'-Dichlorobenzidine	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	91-94-1	
3-Nitroaniline	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	59-50-7	
4-Chloroaniline	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	7005-72-3	
4-Nitroaniline	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	100-01-6	
4-Nitrophenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	100-02-7	
Acenaphthene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	83-32-9	
Acenaphthylene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	208-96-8	
Anthracene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	207-08-9	
Benzyl alcohol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	100-51-6	
Butylbenzylphthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	85-68-7	
Chrysene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	218-01-9	
Di-n-butylphthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	84-74-2	
Di-n-octylphthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	53-70-3	
Dibenzofuran	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	132-64-9	
Diethylphthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	84-66-2	
Dimethylphthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	131-11-3	
Fluoranthene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	206-44-0	
Fluorene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	77-47-4	
Hexachloroethane	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	193-39-5	
Isophorone	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6A **Lab ID: 3028586021** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	86-30-6	
Naphthalene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	91-20-3	
Nitrobenzene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	98-95-3	
Pentachlorophenol	ND	ug/kg	882	1	06/09/10 16:12	06/11/10 16:27	87-86-5	
Phenanthrene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	85-01-8	
Phenol	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	108-95-2	
Pyrene	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	353	1	06/09/10 16:12	06/11/10 16:27	117-81-7	
Nitrobenzene-d5 (S)	66	%	35-114	1	06/09/10 16:12	06/11/10 16:27	4165-60-0	
2-Fluorobiphenyl (S)	93	%	43-116	1	06/09/10 16:12	06/11/10 16:27	321-60-8	
Terphenyl-d14 (S)	114	%	33-141	1	06/09/10 16:12	06/11/10 16:27	1718-51-0	
Phenol-d6 (S)	69	%	10-110	1	06/09/10 16:12	06/11/10 16:27	13127-88-3	
2-Fluorophenol (S)	71	%	21-110	1	06/09/10 16:12	06/11/10 16:27	367-12-4	
2,4,6-Tribromophenol (S)	57	%	10-123	1	06/09/10 16:12	06/11/10 16:27	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**106**	ug/kg	9.1	1		06/05/10 02:30	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/05/10 02:30	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/05/10 02:30	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/05/10 02:30	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/05/10 02:30	74-83-9	
TOTAL BTEX	ND	ug/kg	27.4	1		06/05/10 02:30		
2-Butanone (MEK)	**10.4**	ug/kg	9.1	1		06/05/10 02:30	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/05/10 02:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/05/10 02:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:30	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/05/10 02:30	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/05/10 02:30	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/05/10 02:30	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:30	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.1	1		06/05/10 02:30	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:30	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6A **Lab ID: 3028586021** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/05/10 02:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 02:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 02:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	100-41-4	
2-Hexanone	ND	ug/kg	9.1	1		06/05/10 02:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/05/10 02:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/05/10 02:30	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/05/10 02:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1		06/05/10 02:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/05/10 02:30	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/05/10 02:30	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/05/10 02:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/05/10 02:30	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/05/10 02:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 02:30	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/05/10 02:30	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:30	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/05/10 02:30	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	1		06/05/10 02:30	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		06/05/10 02:30	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/05/10 02:30	95-47-6	
Toluene-d8 (S)	87	%	70-130	1		06/05/10 02:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/05/10 02:30	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	70-130	1		06/05/10 02:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.3**	%	0.10	1		06/11/10 12:18		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**5.3**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**31.8**	mg/kg	5.2	1		06/09/10 17:13	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6A(ASTM) **Lab ID: 3028586022** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/04/10 15:55		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:26	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6B **Lab ID: 3028586023** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3546							
Diesel Components	ND	mg/kg	7.1	1	06/10/10 16:19	06/12/10 00:20		
o-Terphenyl (S)	79	%	50-150	1	06/10/10 16:19	06/12/10 00:20	84-15-1	
Gasoline Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 5035A/5030B							
TPH (C06-C10)	ND	mg/kg	8.8	1	06/10/10 15:22	06/10/10 20:19		
4-Bromofluorobenzene (S)	98	%	70-130	1	06/10/10 15:22	06/10/10 20:19	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Aluminum	**11400**	mg/kg	8.3	1	06/03/10 12:11	06/14/10 13:55	7429-90-5	
Antimony	**0.74**	mg/kg	0.42	1	06/03/10 12:11	06/14/10 13:55	7440-36-0	
Arsenic	**9.6**	mg/kg	0.42	1	06/03/10 12:11	06/14/10 13:55	7440-38-2	
Barium	**132**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:55	7440-39-3	
Beryllium	**0.67**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:55	7440-41-7	
Boron	**7.3**	mg/kg	4.2	1	06/03/10 12:11	06/14/10 13:55	7440-42-8	
Cadmium	**0.38**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:55	7440-43-9	
Calcium	**1080**	mg/kg	166	1	06/03/10 12:11	06/14/10 13:55	7440-70-2	
Chromium	**14.4**	mg/kg	0.42	1	06/03/10 12:11	06/14/10 13:55	7440-47-3	
Cobalt	**11.4**	mg/kg	0.83	1	06/03/10 12:11	06/14/10 13:55	7440-48-4	
Copper	**16.9**	mg/kg	0.83	1	06/03/10 12:11	06/14/10 13:55	7440-50-8	
Iron	**25700**	mg/kg	8.3	1	06/03/10 12:11	06/14/10 13:55	7439-89-6	
Lead	**12.5**	mg/kg	0.42	1	06/03/10 12:11	06/14/10 13:55	7439-92-1	
Magnesium	**3700**	mg/kg	41.6	1	06/03/10 12:11	06/14/10 13:55	7439-95-4	
Manganese	**558**	mg/kg	0.83	1	06/03/10 12:11	06/14/10 13:55	7439-96-5	
Molybdenum	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:55	7439-98-7	
Nickel	**21.9**	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:55	7440-02-0	
Potassium	**1630**	mg/kg	41.6	1	06/03/10 12:11	06/14/10 13:55	7440-09-7	
Selenium	ND	mg/kg	0.42	1	06/03/10 12:11	06/14/10 13:55	7782-49-2	
Silver	**0.23**	mg/kg	0.17	1	06/03/10 12:11	06/14/10 13:55	7440-22-4	
Sodium	ND	mg/kg	416	1	06/03/10 12:11	06/14/10 13:55	7440-23-5	
Thallium	ND	mg/kg	1.7	1	06/03/10 12:11	06/14/10 13:55	7440-28-0	
Vanadium	**16.1**	mg/kg	0.83	1	06/03/10 12:11	06/14/10 13:55	7440-62-2	
Zinc	**53.9**	mg/kg	0.83	1	06/03/10 12:11	06/14/10 13:55	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.11	1	06/04/10 10:52	06/07/10 10:03	7439-97-6	
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	120-82-1	
1,2-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	106-46-7	
2,4,5-Trichlorophenol	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	88-06-2	
2,4-Dichlorophenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	120-83-2	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6B **Lab ID: 3028586023** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dimethylphenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	105-67-9	
2,4-Dinitrophenol	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	606-20-2	
2-Chloronaphthalene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	95-57-8	
2-Methylnaphthalene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	95-48-7	
2-Nitroaniline	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	88-74-4	
2-Nitrophenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	88-75-5	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	726	1	06/09/10 16:12	06/11/10 16:49		
3,3'-Dichlorobenzidine	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	91-94-1	
3-Nitroaniline	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	99-09-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	534-52-1	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	101-55-3	
4-Chloro-3-methylphenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	59-50-7	
4-Chloroaniline	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	106-47-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	7005-72-3	
4-Nitroaniline	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	100-01-6	
4-Nitrophenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	100-02-7	
Acenaphthene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	208-96-8	
Anthracene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	207-08-9	
Benzyl alcohol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	100-51-6	
Butylbenzylphthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	85-68-7	
Chrysene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	218-01-9	
Di-n-butylphthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	84-74-2	
Di-n-octylphthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	117-84-0	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	132-64-9	
Diethylphthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	84-66-2	
Dimethylphthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	131-11-3	
Fluoranthene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	206-44-0	
Fluorene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	193-39-5	
Isophorone	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	78-59-1	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6B **Lab ID: 3028586023** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	86-30-6	
Naphthalene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	91-20-3	
Nitrobenzene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	98-95-3	
Pentachlorophenol	ND	ug/kg	908	1	06/09/10 16:12	06/11/10 16:49	87-86-5	
Phenanthrene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	85-01-8	
Phenol	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	108-95-2	
Pyrene	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	129-00-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	108-60-1	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	06/09/10 16:12	06/11/10 16:49	117-81-7	
Nitrobenzene-d5 (S)	51	%	35-114	1	06/09/10 16:12	06/11/10 16:49	4165-60-0	
2-Fluorobiphenyl (S)	69	%	43-116	1	06/09/10 16:12	06/11/10 16:49	321-60-8	
Terphenyl-d14 (S)	104	%	33-141	1	06/09/10 16:12	06/11/10 16:49	1718-51-0	
Phenol-d6 (S)	43	%	10-110	1	06/09/10 16:12	06/11/10 16:49	13127-88-3	
2-Fluorophenol (S)	48	%	21-110	1	06/09/10 16:12	06/11/10 16:49	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-123	1	06/09/10 16:12	06/11/10 16:49	118-79-6	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	**47.0**	ug/kg	9.1	1		06/05/10 02:54	67-64-1	
Benzene	ND	ug/kg	4.6	1		06/05/10 02:54	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		06/05/10 02:54	75-27-4	
Bromoform	ND	ug/kg	4.6	1		06/05/10 02:54	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		06/05/10 02:54	74-83-9	
TOTAL BTEX	ND	ug/kg	27.4	1		06/05/10 02:54		
2-Butanone (MEK)	ND	ug/kg	9.1	1		06/05/10 02:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	135-98-8	
Carbon disulfide	ND	ug/kg	4.6	1		06/05/10 02:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		06/05/10 02:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:54	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	75-00-3	
Chloroform	ND	ug/kg	4.6	1		06/05/10 02:54	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		06/05/10 02:54	74-87-3	
Dibromochloromethane	ND	ug/kg	4.6	1		06/05/10 02:54	124-48-1	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		06/05/10 02:54	106-46-7	
1,1-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	9.1	1		06/05/10 02:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		06/05/10 02:54	156-60-5	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6B **Lab ID: 3028586023** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/kg	4.6	1		06/05/10 02:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 02:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		06/05/10 02:54	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	100-41-4	
2-Hexanone	ND	ug/kg	9.1	1		06/05/10 02:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		06/05/10 02:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		06/05/10 02:54	99-87-6	
Methylene Chloride	ND	ug/kg	4.6	1		06/05/10 02:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9.1	1		06/05/10 02:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		06/05/10 02:54	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		06/05/10 02:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	103-65-1	
Styrene	ND	ug/kg	4.6	1		06/05/10 02:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		06/05/10 02:54	127-18-4	
Toluene	ND	ug/kg	4.6	1		06/05/10 02:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		06/05/10 02:54	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		06/05/10 02:54	79-01-6	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		06/05/10 02:54	108-67-8	
Vinyl chloride	ND	ug/kg	4.6	1		06/05/10 02:54	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	1		06/05/10 02:54	1330-20-7	
m&p-Xylene	ND	ug/kg	9.1	1		06/05/10 02:54	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		06/05/10 02:54	95-47-6	
Toluene-d8 (S)	91	%	70-130	1		06/05/10 02:54	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/05/10 02:54	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130	1		06/05/10 02:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.9**	%	0.10	1		06/11/10 12:18		
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**6.0**	Std. Units	1.0	1		05/28/10 22:15		
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	ND	mg/kg	5.0	1		06/09/10 17:13	7664-41-7	

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028586

Sample: BRK-1H-P6B(ASTM) **Lab ID: 3028586024** Collected: 05/27/10 16:10 Received: 05/28/10 13:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5540C MBAS Surfactants	Analytical Method: SM 5540C							
Surfactants	ND	mg/L	0.10	1		06/04/10 15:55		1c
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	3.0	1		06/04/10 15:27	16887-00-6	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: OEXT/5153 — Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3546 — Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 180617 — Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	6.7	06/11/10 17:34	
o-Terphenyl (S)	%	84	50-150	06/11/10 17:34	

LABORATORY CONTROL SAMPLE: 180618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	59.3	89	50-150	
o-Terphenyl (S)	%			99	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 180619 180620

Parameter	Units	3028586001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	13.3	74.6	74	75.8	81.9	84	93	50-150	8	
o-Terphenyl (S)	%						94	95	50-150		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: GCV/1356 | Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 5035A/5030B | Analysis Description: Gasoline Range Organics
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011

METHOD BLANK: 179378 | Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	ND	10.0	06/07/10 23:05	
4-Bromofluorobenzene (S)	%	99	70-130	06/07/10 23:05	

LABORATORY CONTROL SAMPLE: 179379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C10)	mg/kg	25	28.2	113	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179380 179381

Parameter	Units	3028366017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH (C06-C10)	mg/kg	ND	24.3	24.3	30.6	29.5	126	121	70-130	3	
4-Bromofluorobenzene (S)	%						97	100	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: GCV/1358 — Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 5035A/5030B — Analysis Description: Gasoline Range Organics
Associated Lab Samples: 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 180073 — Matrix: Solid
Associated Lab Samples: 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	ND	10.0	06/10/10 15:59	
4-Bromofluorobenzene (S)	%	98	70-130	06/10/10 15:59	

LABORATORY CONTROL SAMPLE: 180074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C10)	mg/kg	25	28.0	112	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 180075 — 180076

Parameter	Units	3028586013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH (C06-C10)	mg/kg	ND	22.5	22.5	28.8	30.6	128	136	70-130	6	M0
4-Bromofluorobenzene (S)	%						96	97	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: MPRP/3969 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 177788 Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	06/14/10 12:01	
Antimony	mg/kg	ND	0.50	06/14/10 12:01	
Arsenic	mg/kg	ND	0.50	06/14/10 12:01	
Barium	mg/kg	ND	2.0	06/14/10 12:01	
Beryllium	mg/kg	ND	0.20	06/14/10 12:01	
Boron	mg/kg	ND	5.0	06/14/10 12:01	
Cadmium	mg/kg	ND	0.20	06/14/10 12:01	
Calcium	mg/kg	ND	200	06/14/10 12:01	
Chromium	mg/kg	ND	0.50	06/14/10 12:01	
Cobalt	mg/kg	ND	1.0	06/14/10 12:01	
Copper	mg/kg	ND	1.0	06/14/10 12:01	
Iron	mg/kg	ND	10.0	06/14/10 12:01	
Lead	mg/kg	ND	0.50	06/14/10 12:01	
Magnesium	mg/kg	ND	50.0	06/14/10 12:01	
Manganese	mg/kg	ND	1.0	06/14/10 12:01	
Molybdenum	mg/kg	ND	2.0	06/14/10 12:01	
Nickel	mg/kg	ND	2.0	06/14/10 12:01	
Potassium	mg/kg	ND	50.0	06/14/10 12:01	
Selenium	mg/kg	ND	0.50	06/14/10 12:01	
Silver	mg/kg	ND	0.20	06/14/10 12:01	
Sodium	mg/kg	ND	500	06/14/10 12:01	
Thallium	mg/kg	ND	2.0	06/14/10 12:01	
Vanadium	mg/kg	ND	1.0	06/14/10 12:01	
Zinc	mg/kg	ND	1.0	06/14/10 12:01	

LABORATORY CONTROL SAMPLE: 177789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	474	95	80-120	
Antimony	mg/kg	50	46.9	94	80-120	
Arsenic	mg/kg	50	46.0	92	80-120	
Barium	mg/kg	50	48.9	98	80-120	
Beryllium	mg/kg	50	48.9	98	80-120	
Boron	mg/kg	50	44.6	89	80-120	
Cadmium	mg/kg	50	48.8	98	80-120	
Calcium	mg/kg	500	484	97	80-120	
Chromium	mg/kg	50	49.9	100	80-120	
Cobalt	mg/kg	50	48.4	97	80-120	
Copper	mg/kg	50	49.7	99	80-120	
Iron	mg/kg	500	488	98	80-120	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

LABORATORY CONTROL SAMPLE: 177789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	48.3	97	80-120	
Magnesium	mg/kg	500	471	94	80-120	
Manganese	mg/kg	50	49.3	99	80-120	
Molybdenum	mg/kg	50	49.0	98	80-120	
Nickel	mg/kg	50	48.8	98	80-120	
Potassium	mg/kg	500	444	89	80-120	
Selenium	mg/kg	50	41.9	84	80-120	
Silver	mg/kg	25	24.4	97	80-120	
Sodium	mg/kg	500	470J	94	80-120	
Thallium	mg/kg	50	48.9	98	80-120	
Vanadium	mg/kg	50	48.8	98	80-120	
Zinc	mg/kg	50	47.6	95	80-120	

MATRIX SPIKE SAMPLE: 177791

Parameter	Units	3028586001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	12200	509	14600	487	80-120	M0
Antimony	mg/kg	ND	50.9	19.7	38	80-120	M0
Arsenic	mg/kg	10.5	50.9	53.2	84	80-120	
Barium	mg/kg	144	50.9	182	76	80-120	M0
Beryllium	mg/kg	0.62	50.9	49.6	96	80-120	
Boron	mg/kg	7.7	50.9	52.0	87	80-120	
Cadmium	mg/kg	0.41	50.9	47.6	93	80-120	
Calcium	mg/kg	932	509	1440	99	80-120	
Chromium	mg/kg	14.5	50.9	64.9	99	80-120	
Cobalt	mg/kg	11.8	50.9	57.9	90	80-120	
Copper	mg/kg	13.1	50.9	62.0	96	80-120	
Iron	mg/kg	26700	509	25500	-240	80-120	M0
Lead	mg/kg	16.8	50.9	60.0	85	80-120	
Magnesium	mg/kg	3320	509	3960	125	80-120	M0
Manganese	mg/kg	579	50.9	652	144	80-120	M0
Molybdenum	mg/kg	ND	50.9	48.0	94	80-120	
Nickel	mg/kg	17.8	50.9	66.1	95	80-120	
Potassium	mg/kg	1260	509	2370	218	80-120	M0
Selenium	mg/kg	ND	50.9	41.5	81	80-120	
Silver	mg/kg	0.53	25.5	25.3	97	80-120	
Sodium	mg/kg	ND	509	599	103	80-120	
Thallium	mg/kg	ND	50.9	47.9	94	80-120	
Vanadium	mg/kg	18.7	50.9	69.0	99	80-120	
Zinc	mg/kg	53.8	50.9	101	93	80-120	

SAMPLE DUPLICATE: 177790

Parameter	Units	3028586001 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	12200	11900	2	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

SAMPLE DUPLICATE: 177790

Parameter	Units	3028586001 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	ND	0.59		
Arsenic	mg/kg	10.5	8.9	16	
Barium	mg/kg	144	131	9	
Beryllium	mg/kg	0.62	0.63	1	
Boron	mg/kg	7.7	8.3	8	
Cadmium	mg/kg	0.41	0.34	19	
Calcium	mg/kg	932	1060	13	
Chromium	mg/kg	14.5	14.6	.7	
Cobalt	mg/kg	11.8	12.1	2	
Copper	mg/kg	13.1	12.2	7	
Iron	mg/kg	26700	28100	5	
Lead	mg/kg	16.8	15.8	6	
Magnesium	mg/kg	3320	3370	1	
Manganese	mg/kg	579	819	34	D6
Molybdenum	mg/kg	ND	ND		
Nickel	mg/kg	17.8	18.4	4	
Potassium	mg/kg	1260	1400	10	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	0.53	0.51	4	
Sodium	mg/kg	ND	79.2J		
Thallium	mg/kg	ND	ND		
Vanadium	mg/kg	18.7	19.0	2	
Zinc	mg/kg	53.8	54.3	1	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: MERP/1979 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 178446 Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.10	06/07/10 09:35	

LABORATORY CONTROL SAMPLE: 178447

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.042	.042J	100	85-115	

MATRIX SPIKE SAMPLE: 178449

Parameter	Units	3028586001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.11	0.13	100	75-125	

SAMPLE DUPLICATE: 178448

Parameter	Units	3028586001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	ND	.019J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: OEXT/5137 — Analysis Method: EPA 8270
QC Batch Method: EPA 3546 — Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 179995 — Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	333	06/10/10 10:22	
1,2-Dichlorobenzene	ug/kg	ND	333	06/10/10 10:22	
1,3-Dichlorobenzene	ug/kg	ND	333	06/10/10 10:22	
1,4-Dichlorobenzene	ug/kg	ND	333	06/10/10 10:22	
2,4,5-Trichlorophenol	ug/kg	ND	833	06/10/10 10:22	
2,4,6-Trichlorophenol	ug/kg	ND	333	06/10/10 10:22	
2,4-Dichlorophenol	ug/kg	ND	333	06/10/10 10:22	
2,4-Dimethylphenol	ug/kg	ND	333	06/10/10 10:22	
2,4-Dinitrophenol	ug/kg	ND	833	06/10/10 10:22	
2,4-Dinitrotoluene	ug/kg	ND	333	06/10/10 10:22	
2,6-Dinitrotoluene	ug/kg	ND	333	06/10/10 10:22	
2-Chloronaphthalene	ug/kg	ND	333	06/10/10 10:22	
2-Chlorophenol	ug/kg	ND	333	06/10/10 10:22	
2-Methylnaphthalene	ug/kg	ND	333	06/10/10 10:22	
2-Methylphenol(o-Cresol)	ug/kg	ND	333	06/10/10 10:22	
2-Nitroaniline	ug/kg	ND	833	06/10/10 10:22	
2-Nitrophenol	ug/kg	ND	333	06/10/10 10:22	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	666	06/10/10 10:22	
3,3'-Dichlorobenzidine	ug/kg	ND	333	06/10/10 10:22	
3-Nitroaniline	ug/kg	ND	833	06/10/10 10:22	
4,6-Dinitro-2-methylphenol	ug/kg	ND	833	06/10/10 10:22	
4-Bromophenylphenyl ether	ug/kg	ND	333	06/10/10 10:22	
4-Chloro-3-methylphenol	ug/kg	ND	333	06/10/10 10:22	
4-Chloroaniline	ug/kg	ND	333	06/10/10 10:22	
4-Chlorophenylphenyl ether	ug/kg	ND	333	06/10/10 10:22	
4-Nitroaniline	ug/kg	ND	833	06/10/10 10:22	
4-Nitrophenol	ug/kg	ND	333	06/10/10 10:22	
Acenaphthene	ug/kg	ND	333	06/10/10 10:22	
Acenaphthylene	ug/kg	ND	333	06/10/10 10:22	
Anthracene	ug/kg	ND	333	06/10/10 10:22	
Benzo(a)anthracene	ug/kg	ND	333	06/10/10 10:22	
Benzo(a)pyrene	ug/kg	ND	333	06/10/10 10:22	
Benzo(b)fluoranthene	ug/kg	ND	333	06/10/10 10:22	
Benzo(g,h,i)perylene	ug/kg	ND	333	06/10/10 10:22	
Benzo(k)fluoranthene	ug/kg	ND	333	06/10/10 10:22	
Benzyl alcohol	ug/kg	ND	333	06/10/10 10:22	
bis(2-Chloroethoxy)methane	ug/kg	ND	333	06/10/10 10:22	
bis(2-Chloroethyl) ether	ug/kg	ND	333	06/10/10 10:22	
bis(2-Chloroisopropyl) ether	ug/kg	ND	333	06/10/10 10:22	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	333	06/10/10 10:22	
Butylbenzylphthalate	ug/kg	ND	333	06/10/10 10:22	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

METHOD BLANK: 179995 Matrix: Solid

Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	ND	333	06/10/10 10:22	
Di-n-butylphthalate	ug/kg	ND	333	06/10/10 10:22	
Di-n-octylphthalate	ug/kg	ND	333	06/10/10 10:22	
Dibenz(a,h)anthracene	ug/kg	ND	333	06/10/10 10:22	
Dibenzofuran	ug/kg	ND	333	06/10/10 10:22	
Diethylphthalate	ug/kg	ND	333	06/10/10 10:22	
Dimethylphthalate	ug/kg	ND	333	06/10/10 10:22	
Fluoranthene	ug/kg	ND	333	06/10/10 10:22	
Fluorene	ug/kg	ND	333	06/10/10 10:22	
Hexachloro-1,3-butadiene	ug/kg	ND	333	06/10/10 10:22	
Hexachlorobenzene	ug/kg	ND	333	06/10/10 10:22	
Hexachlorocyclopentadiene	ug/kg	ND	333	06/10/10 10:22	
Hexachloroethane	ug/kg	ND	333	06/10/10 10:22	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	333	06/10/10 10:22	
Isophorone	ug/kg	ND	333	06/10/10 10:22	
N-Nitroso-di-n-propylamine	ug/kg	ND	333	06/10/10 10:22	
N-Nitrosodiphenylamine	ug/kg	ND	333	06/10/10 10:22	
Naphthalene	ug/kg	ND	333	06/10/10 10:22	
Nitrobenzene	ug/kg	ND	333	06/10/10 10:22	
Pentachlorophenol	ug/kg	ND	833	06/10/10 10:22	
Phenanthrene	ug/kg	ND	333	06/10/10 10:22	
Phenol	ug/kg	ND	333	06/10/10 10:22	
Pyrene	ug/kg	ND	333	06/10/10 10:22	
2,4,6-Tribromophenol (S)	%	71	10-123	06/10/10 10:22	
2-Fluorobiphenyl (S)	%	81	43-116	06/10/10 10:22	
2-Fluorophenol (S)	%	85	21-110	06/10/10 10:22	
Nitrobenzene-d5 (S)	%	90	35-114	06/10/10 10:22	
Phenol-d6 (S)	%	84	10-110	06/10/10 10:22	
Terphenyl-d14 (S)	%	112	33-141	06/10/10 10:22	

LABORATORY CONTROL SAMPLE: 179996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	3330	2610	78	43-120	
1,2-Dichlorobenzene	ug/kg		ND			
1,3-Dichlorobenzene	ug/kg		ND			
1,4-Dichlorobenzene	ug/kg	3330	2420	73	37-118	
2,4,5-Trichlorophenol	ug/kg		ND			
2,4,6-Trichlorophenol	ug/kg		ND			
2,4-Dichlorophenol	ug/kg		ND			
2,4-Dimethylphenol	ug/kg		ND			
2,4-Dinitrophenol	ug/kg		ND			
2,4-Dinitrotoluene	ug/kg	3330	2460	74	34-115	
2,6-Dinitrotoluene	ug/kg		ND			

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

LABORATORY CONTROL SAMPLE: 179996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/kg		ND			
2-Chlorophenol	ug/kg	3330	2570	77	40-140	
2-Methylnaphthalene	ug/kg	3330	2560	77	40-140	
2-Methylphenol(o-Cresol)	ug/kg		ND			
2-Nitroaniline	ug/kg		ND			
2-Nitrophenol	ug/kg		ND			
3&4-Methylphenol(m&p Cresol)	ug/kg		ND			
3,3'-Dichlorobenzidine	ug/kg		ND			
3-Nitroaniline	ug/kg		ND			
4,6-Dinitro-2-methylphenol	ug/kg		ND			
4-Bromophenylphenyl ether	ug/kg		ND			
4-Chloro-3-methylphenol	ug/kg	3330	3060	92	42-130	
4-Chloroaniline	ug/kg		ND			
4-Chlorophenylphenyl ether	ug/kg		ND			
4-Nitroaniline	ug/kg		ND			
4-Nitrophenol	ug/kg	3330	2410	72	27-125	
Acenaphthene	ug/kg	3330	2980	89	48-114	
Acenaphthylene	ug/kg	3330	3060	92	40-140	
Anthracene	ug/kg	3330	2910	87	40-140	
Benzo(a)anthracene	ug/kg	3330	2950	88	40-140	
Benzo(a)pyrene	ug/kg	3330	3350	101	40-140	
Benzo(b)fluoranthene	ug/kg	3330	3330	100	40-140	
Benzo(g,h,i)perylene	ug/kg	3330	3100	93	40-140	
Benzo(k)fluoranthene	ug/kg	3330	3740	112	40-140	
Benzyl alcohol	ug/kg		ND			
bis(2-Chloroethoxy)methane	ug/kg		ND			
bis(2-Chloroethyl) ether	ug/kg		ND			
bis(2-Chloroisopropyl) ether	ug/kg		ND			
bis(2-Ethylhexyl)phthalate	ug/kg		ND			
Butylbenzylphthalate	ug/kg		ND			
Chrysene	ug/kg	3330	3010	90	40-140	
Di-n-butylphthalate	ug/kg		ND			
Di-n-octylphthalate	ug/kg		ND			
Dibenz(a,h)anthracene	ug/kg	3330	2800	84	40-140	
Dibenzofuran	ug/kg		ND			
Diethylphthalate	ug/kg		ND			
Dimethylphthalate	ug/kg		ND			
Fluoranthene	ug/kg	3330	2690	81	40-140	
Fluorene	ug/kg	3330	2810	84	40-140	
Hexachloro-1,3-butadiene	ug/kg		ND			
Hexachlorobenzene	ug/kg		ND			
Hexachlorocyclopentadiene	ug/kg		ND			
Hexachloroethane	ug/kg		ND			
Indeno(1,2,3-cd)pyrene	ug/kg	3330	2900	87	40-140	
Isophorone	ug/kg		ND			
N-Nitroso-di-n-propylamine	ug/kg	3330	3550	106	43-126	
N-Nitrosodiphenylamine	ug/kg		ND			
Naphthalene	ug/kg	3330	2770	83	40-140	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

LABORATORY CONTROL SAMPLE: 179996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/kg		ND			
Pentachlorophenol	ug/kg	3330	1540	46	14-127	
Phenanthrene	ug/kg	3330	2950	89	40-140	
Phenol	ug/kg	3330	2500	75	39-120	
Pyrene	ug/kg	3330	3330	100	43-135	
2,4,6-Tribromophenol (S)	%			73	10-123	
2-Fluorobiphenyl (S)	%			87	43-116	
2-Fluorophenol (S)	%			75	21-110	
Nitrobenzene-d5 (S)	%			96	35-114	
Phenol-d6 (S)	%			75	10-110	
Terphenyl-d14 (S)	%			103	33-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179997 179998

Parameter	Units	3028586005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	3760	3730	3720	3650	99	98	43-120	2	
1,2-Dichlorobenzene	ug/kg	ND			ND	ND					
1,3-Dichlorobenzene	ug/kg	ND			ND	ND					
1,4-Dichlorobenzene	ug/kg	ND	3760	3730	2970	2840	79	76	37-118	5	
2,4,5-Trichlorophenol	ug/kg	ND			ND	ND					
2,4,6-Trichlorophenol	ug/kg	ND			ND	ND					
2,4-Dichlorophenol	ug/kg	ND			ND	ND					
2,4-Dimethylphenol	ug/kg	ND			ND	ND					
2,4-Dinitrophenol	ug/kg	ND			ND	ND					
2,4-Dinitrotoluene	ug/kg	ND	3760	3730	3170	3250	84	87	34-115	3	
2,6-Dinitrotoluene	ug/kg	ND			ND	ND					
2-Chloronaphthalene	ug/kg	ND			ND	ND					
2-Chlorophenol	ug/kg	ND	3760	3730	2880	2890	77	77	40-140	.4	
2-Methylnaphthalene	ug/kg	ND	3760	3730	3050	3070	81	82	40-140	.6	
2-Methylphenol(o-Cresol)	ug/kg	ND			ND	ND					
2-Nitroaniline	ug/kg	ND			ND	ND					
2-Nitrophenol	ug/kg	ND			ND	ND					
3&4-Methylphenol(m&p Cresol)	ug/kg	ND			ND	ND					
3,3'-Dichlorobenzidine	ug/kg	ND			ND	ND					
3-Nitroaniline	ug/kg	ND			ND	ND					
4,6-Dinitro-2-methylphenol	ug/kg	ND			ND	ND					
4-Bromophenylphenyl ether	ug/kg	ND			ND	ND					
4-Chloro-3-methylphenol	ug/kg	ND	3760	3730	3080	2980	82	80	42-130	3	
4-Chloroaniline	ug/kg	ND			ND	ND					
4-Chlorophenylphenyl ether	ug/kg	ND			ND	ND					
4-Nitroaniline	ug/kg	ND			ND	ND					
4-Nitrophenol	ug/kg	ND	3760	3730	3070	2730	82	73	27-125	12	
Acenaphthene	ug/kg	ND	3760	3730	3370	3520	90	94	48-114	4	
Acenaphthylene	ug/kg	ND	3760	3730	3390	3560	90	95	40-140	5	
Anthracene	ug/kg	ND	3760	3730	3550	3780	94	101	40-140	6	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 179997 179998

Parameter	Units	3028586005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(a)anthracene	ug/kg	ND	3760	3730	3510	3560	93	96	40-140	1	
Benzo(a)pyrene	ug/kg	ND	3760	3730	4300	4190	114	112	40-140	2	
Benzo(b)fluoranthene	ug/kg	ND	3760	3730	4220	3840	112	103	40-140	9	
Benzo(g,h,i)perylene	ug/kg	ND	3760	3730	3700	4000	99	107	40-140	8	
Benzo(k)fluoranthene	ug/kg	ND	3760	3730	4940	5100	132	137	40-140	3	
Benzyl alcohol	ug/kg	ND			ND	ND					
bis(2-Chloroethoxy)methane	ug/kg	ND			ND	ND					
bis(2-Chloroethyl) ether	ug/kg	ND			ND	ND					
bis(2-Chloroisopropyl) ether	ug/kg	ND			ND	ND					
bis(2-Ethylhexyl)phthalate	ug/kg	ND			ND	ND					
Butylbenzylphthalate	ug/kg	ND			ND	ND					
Chrysene	ug/kg	ND	3760	3730	3710	3780	99	101	40-140	2	
Di-n-butylphthalate	ug/kg	ND			ND	ND					
Di-n-octylphthalate	ug/kg	ND			ND	ND					
Dibenz(a,h)anthracene	ug/kg	ND	3760	3730	3380	3560	90	95	40-140	5	
Dibenzofuran	ug/kg	ND			ND	ND					
Diethylphthalate	ug/kg	ND			ND	ND					
Dimethylphthalate	ug/kg	ND			ND	ND					
Fluoranthene	ug/kg	ND	3760	3730	3560	3600	95	96	40-140	1	
Fluorene	ug/kg	ND	3760	3730	3530	3660	94	98	40-140	4	
Hexachloro-1,3-butadiene	ug/kg	ND			ND	ND					
Hexachlorobenzene	ug/kg	ND			ND	ND					
Hexachlorocyclopentadiene	ug/kg	ND			ND	ND					
Hexachloroethane	ug/kg	ND			ND	ND					
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3760	3730	3800	4100	101	110	40-140	8	
Isophorone	ug/kg	ND			ND	ND					
N-Nitroso-di-n-propylamine	ug/kg	ND	3760	3730	3150	3020	84	81	43-126	4	
N-Nitrosodiphenylamine	ug/kg	ND			ND	ND					
Naphthalene	ug/kg	ND	3760	3730	3140	3180	84	85	40-140	1	
Nitrobenzene	ug/kg	ND			ND	ND					
Pentachlorophenol	ug/kg	ND	3760	3730	2200	2300	59	62	14-127	4	
Phenanthrene	ug/kg	ND	3760	3730	3470	3620	92	97	40-140	4	
Phenol	ug/kg	ND	3760	3730	2440	2410	65	65	39-120	1	
Pyrene	ug/kg	ND	3760	3730	3750	4110	100	110	43-135	9	
2,4,6-Tribromophenol (S)	%						81	87	10-123		
2-Fluorobiphenyl (S)	%						91	95	43-116		
2-Fluorophenol (S)	%						69	63	21-110		
Nitrobenzene-d5 (S)	%						78	77	35-114		
Phenol-d6 (S)	%						61	68	10-110		
Terphenyl-d14 (S)	%						106	117	33-141		

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: MSV/6091 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Low
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 179553 Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	06/04/10 21:40	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	06/04/10 21:40	
1,1,2-Trichloroethane	ug/kg	ND	5.0	06/04/10 21:40	
1,1-Dichloroethane	ug/kg	ND	5.0	06/04/10 21:40	
1,1-Dichloroethene	ug/kg	ND	5.0	06/04/10 21:40	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
1,2-Dichlorobenzene	ug/kg	ND	5.0	06/04/10 21:40	
1,2-Dichloroethane	ug/kg	ND	5.0	06/04/10 21:40	
1,2-Dichloropropane	ug/kg	ND	5.0	06/04/10 21:40	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
1,3-Dichlorobenzene	ug/kg	ND	5.0	06/04/10 21:40	
1,4-Dichlorobenzene	ug/kg	ND	5.0	06/04/10 21:40	
2-Butanone (MEK)	ug/kg	ND	10.0	06/04/10 21:40	
2-Hexanone	ug/kg	ND	10.0	06/04/10 21:40	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	06/04/10 21:40	
Acetone	ug/kg	ND	10.0	06/04/10 21:40	
Benzene	ug/kg	ND	5.0	06/04/10 21:40	
Bromodichloromethane	ug/kg	ND	5.0	06/04/10 21:40	
Bromoform	ug/kg	ND	5.0	06/04/10 21:40	
Bromomethane	ug/kg	ND	5.0	06/04/10 21:40	
Carbon disulfide	ug/kg	ND	5.0	06/04/10 21:40	
Carbon tetrachloride	ug/kg	ND	5.0	06/04/10 21:40	
Chlorobenzene	ug/kg	ND	5.0	06/04/10 21:40	
Chloroethane	ug/kg	ND	5.0	06/04/10 21:40	
Chloroform	ug/kg	ND	5.0	06/04/10 21:40	
Chloromethane	ug/kg	ND	5.0	06/04/10 21:40	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	06/04/10 21:40	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	06/04/10 21:40	
Dibromochloromethane	ug/kg	ND	5.0	06/04/10 21:40	
Ethylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/04/10 21:40	
m&p-Xylene	ug/kg	ND	10.0	06/04/10 21:40	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/04/10 21:40	
Methylene Chloride	ug/kg	ND	5.0	06/04/10 21:40	
n-Butylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
n-Propylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
Naphthalene	ug/kg	ND	5.0	06/04/10 21:40	
o-Xylene	ug/kg	ND	5.0	06/04/10 21:40	
p-Isopropyltoluene	ug/kg	ND	5.0	06/04/10 21:40	
sec-Butylbenzene	ug/kg	ND	5.0	06/04/10 21:40	
Styrene	ug/kg	ND	5.0	06/04/10 21:40	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

METHOD BLANK: 179553 Matrix: Solid

Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/kg	ND	5.0	06/04/10 21:40	
Toluene	ug/kg	ND	5.0	06/04/10 21:40	
TOTAL BTEX	ug/kg	ND	30.0	06/04/10 21:40	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	06/04/10 21:40	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	06/04/10 21:40	
Trichloroethene	ug/kg	ND	5.0	06/04/10 21:40	
Vinyl chloride	ug/kg	ND	5.0	06/04/10 21:40	
Xylene (Total)	ug/kg	ND	15.0	06/04/10 21:40	
1,2-Dichloroethane-d4 (S)	%	98	70-130	06/04/10 21:40	
4-Bromofluorobenzene (S)	%	93	70-130	06/04/10 21:40	
Toluene-d8 (S)	%	94	70-130	06/04/10 21:40	

LABORATORY CONTROL SAMPLE: 179554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	20	20.5	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	20	20.3	101	70-130	
1,1,2-Trichloroethane	ug/kg	20	20.7	104	70-130	
1,1-Dichloroethane	ug/kg	20	19.5	97	70-130	
1,1-Dichloroethene	ug/kg	20	17.0	85	70-130	
1,2,4-Trimethylbenzene	ug/kg	20	20.5	102	70-130	
1,2-Dichlorobenzene	ug/kg	20	20.3	101	70-130	
1,2-Dichloroethane	ug/kg	20	20.3	102	70-130	
1,2-Dichloropropane	ug/kg	20	20.2	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	20.9	104	70-130	
1,3-Dichlorobenzene	ug/kg	20	20.1	100	70-130	
1,4-Dichlorobenzene	ug/kg	20	20.8	104	70-130	
2-Butanone (MEK)	ug/kg	20	18.8	94	70-130	
2-Hexanone	ug/kg	20	23.3	117	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	20	22.2	111	70-130	
Acetone	ug/kg	20	26.0	130	70-130	
Benzene	ug/kg	20	20.7	103	70-130	
Bromodichloromethane	ug/kg	20	19.3	97	70-130	
Bromoform	ug/kg	20	18.5	93	70-130	
Bromomethane	ug/kg	20	17.3	87	70-130	
Carbon disulfide	ug/kg	20	20.5	102	70-130	
Carbon tetrachloride	ug/kg	20	19.5	98	70-130	
Chlorobenzene	ug/kg	20	21.1	105	70-130	
Chloroethane	ug/kg	20	19.5	97	70-130	
Chloroform	ug/kg	20	20.3	102	70-130	
Chloromethane	ug/kg	20	19.4	97	70-130	
cis-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/kg	20	18.9	94	70-130	
Dibromochloromethane	ug/kg	20	19.1	96	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

LABORATORY CONTROL SAMPLE: 179554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	20	21.7	108	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	21.6	108	70-130	
m&p-Xylene	ug/kg	40	43.3	108	70-130	
Methyl-tert-butyl ether	ug/kg	20	19.5	97	70-130	
Methylene Chloride	ug/kg	20	21.3	106	70-130	
n-Butylbenzene	ug/kg	20	20.6	103	70-130	
n-Propylbenzene	ug/kg	20	21.2	106	70-130	
Naphthalene	ug/kg	20	20.1	101	70-130	
o-Xylene	ug/kg	20	20.4	102	70-130	
p-Isopropyltoluene	ug/kg	20	21.0	105	70-130	
sec-Butylbenzene	ug/kg	20	21.5	107	70-130	
Styrene	ug/kg	20	19.8	99	70-130	
Tetrachloroethene	ug/kg	20	21.4	107	70-130	
Toluene	ug/kg	20	21.7	108	70-130	
TOTAL BTEX	ug/kg		128			
trans-1,2-Dichloroethene	ug/kg	20	20.3	101	70-130	
trans-1,3-Dichloropropene	ug/kg	20	18.7	94	70-130	
Trichloroethene	ug/kg	20	21.4	107	70-130	
Vinyl chloride	ug/kg	20	21.2	106	70-130	
Xylene (Total)	ug/kg	60	63.7	106	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: PMST/1902 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017

SAMPLE DUPLICATE: 181068

Parameter	Units	3028584001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.6	16.8	14	

SAMPLE DUPLICATE: 181069

Parameter	Units	3028584002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.5	12.6	14	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: PMST/1903 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028586019, 3028586021, 3028586023

SAMPLE DUPLICATE: 181116

Parameter	Units	3028593001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.5	7.4	1	

SAMPLE DUPLICATE: 181117

Parameter	Units	3028593002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.0	5.7	4	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WET/5819 — Analysis Method: SM 5540C
QC Batch Method: SM 5540C — Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028586002, 3028586004, 3028586006, 3028586008, 3028586010, 3028586012, 3028586014, 3028586016, 3028586018, 3028586020

METHOD BLANK: 178324 — Matrix: Water
Associated Lab Samples: 3028586002, 3028586004, 3028586006, 3028586008, 3028586010, 3028586012, 3028586014, 3028586016, 3028586018, 3028586020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

METHOD BLANK: 178325 — Matrix: Water
Associated Lab Samples: 3028586002, 3028586004, 3028586006, 3028586008, 3028586010, 3028586012, 3028586014, 3028586016, 3028586018, 3028586020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/03/10 13:31	

LABORATORY CONTROL SAMPLE: 178326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.86	86	85-115	SU

MATRIX SPIKE SAMPLE: 178328

Parameter	Units	3028753003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.58	57	85-115	2c,M3

SAMPLE DUPLICATE: 178327

Parameter	Units	3028753002 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		2c

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WET/5829 — Analysis Method: SM 5540C
QC Batch Method: SM 5540C — Analysis Description: 5540C MBAS Surfactants
Associated Lab Samples: 3028586022, 3028586024

METHOD BLANK: 178930 — Matrix: Water
Associated Lab Samples: 3028586022, 3028586024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/04/10 15:55	

METHOD BLANK: 178931 — Matrix: Water
Associated Lab Samples: 3028586022, 3028586024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Surfactants	mg/L	ND	0.10	06/04/10 15:55	

LABORATORY CONTROL SAMPLE: 178932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	1	0.95	95	85-115	SU

MATRIX SPIKE SAMPLE: 178934

Parameter	Units	3028907004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Surfactants	mg/L	ND	1	0.97	97	85-115	

SAMPLE DUPLICATE: 178933

Parameter	Units	3028907003 Result	Dup Result	RPD	Qualifiers
Surfactants	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WET/5759 Analysis Method: EPA 9045
QC Batch Method: EPA 9045 Analysis Description: 9045 pH
Associated Lab Samples: 3028586001, 3028586003, 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

SAMPLE DUPLICATE: 176467

Parameter	Units	3028595001 Result	Dup Result	RPD	Qualifiers
pH at 25 Degrees C	Std. Units	11.9	11.9	.08	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WETA/4447 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028586001, 3028586003

METHOD BLANK: 180213 | Matrix: Solid
Associated Lab Samples: 3028586001, 3028586003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/09/10 16:44	

LABORATORY CONTROL SAMPLE: 180214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	157	148	94	85-115	

MATRIX SPIKE SAMPLE: 180215

Parameter	Units	3028586003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	6.2	170	169	96	85-115	

SAMPLE DUPLICATE: 180216

Parameter	Units	3028586003 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	6.2	5.1J		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WETA/4448 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

METHOD BLANK: 180217 Matrix: Solid
Associated Lab Samples: 3028586005, 3028586007, 3028586009, 3028586011, 3028586013, 3028586015, 3028586017, 3028586019, 3028586021, 3028586023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.0	06/09/10 17:04	

LABORATORY CONTROL SAMPLE: 180218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	155	146	94	85-115	

MATRIX SPIKE SAMPLE: 180219

Parameter	Units	3028586023 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	170	169	97	85-115	

SAMPLE DUPLICATE: 180220

Parameter	Units	3028586023 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	5.5		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028586

QC Batch: WETA/4402 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 3028586002, 3028586004, 3028586006, 3028586008, 3028586010, 3028586012, 3028586014, 3028586016, 3028586018, 3028586020, 3028586022, 3028586024

METHOD BLANK: 178718 Matrix: Water
Associated Lab Samples: 3028586002, 3028586004, 3028586006, 3028586008, 3028586010, 3028586012, 3028586014, 3028586016, 3028586018, 3028586020, 3028586022, 3028586024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	3.0	06/04/10 15:10	

LABORATORY CONTROL SAMPLE: 178719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	40	39.5	99	85-115	

MATRIX SPIKE SAMPLE: 178720

Parameter	Units	3028443002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	3.3	20	20.8	88	85-115	

SAMPLE DUPLICATE: 178721

Parameter	Units	3028443002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	3.3	3.2	.3	

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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: KLG
Pace Project No.: 3028586

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

BATCH QUALIFIERS

Batch: MSV/6091

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	Samples were tumbled on 06/02/2010 and analyzed within 48 hours.
2c	Samples were tumbled on 6/1/2010 and analyzed within 48 hours.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
SU	MBAS, calculated as LAS, Mol wt 342.2 g/mol

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028586001	BRK-1H-P1A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586003	BRK-1H-P1B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586005	BRK-1H-P2A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586007	BRK-1H-P2B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586009	BRK-1H-P3A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586011	BRK-1H-P3B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586013	BRK-1H-P4A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586015	BRK-1H-P4B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586017	BRK-1H-P5A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586019	BRK-1H-P5B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586021	BRK-1H-P6A	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586023	BRK-1H-P6B	EPA 3546	OEXT/5153	EPA 8015B Modified	GCSV/2557
3028586001	BRK-1H-P1A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586003	BRK-1H-P1B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586005	BRK-1H-P2A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586007	BRK-1H-P2B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586009	BRK-1H-P3A	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586011	BRK-1H-P3B	EPA 5035A/5030B	GCV/1356	EPA 8015B Modified	GCV/1357
3028586013	BRK-1H-P4A	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586015	BRK-1H-P4B	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586017	BRK-1H-P5A	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586019	BRK-1H-P5B	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586021	BRK-1H-P6A	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586023	BRK-1H-P6B	EPA 5035A/5030B	GCV/1358	EPA 8015B Modified	GCV/1360
3028586001	BRK-1H-P1A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586003	BRK-1H-P1B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586005	BRK-1H-P2A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586007	BRK-1H-P2B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586009	BRK-1H-P3A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586011	BRK-1H-P3B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586013	BRK-1H-P4A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586015	BRK-1H-P4B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586017	BRK-1H-P5A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586019	BRK-1H-P5B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586021	BRK-1H-P6A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586023	BRK-1H-P6B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028586001	BRK-1H-P1A	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586003	BRK-1H-P1B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586005	BRK-1H-P2A	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586007	BRK-1H-P2B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586009	BRK-1H-P3A	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586011	BRK-1H-P3B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586013	BRK-1H-P4A	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586015	BRK-1H-P4B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586017	BRK-1H-P5A	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586019	BRK-1H-P5B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586021	BRK-1H-P6A	EPA 7471	MERP/1979	EPA 7471	MERC/1928

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028586023	BRK-1H-P6B	EPA 7471	MERP/1979	EPA 7471	MERC/1928
3028586001	BRK-1H-P1A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586003	BRK-1H-P1B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586005	BRK-1H-P2A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586007	BRK-1H-P2B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586009	BRK-1H-P3A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586011	BRK-1H-P3B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586013	BRK-1H-P4A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586015	BRK-1H-P4B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586017	BRK-1H-P5A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586019	BRK-1H-P5B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586021	BRK-1H-P6A	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586023	BRK-1H-P6B	EPA 3546	OEXT/5137	EPA 8270	MSSV/2177
3028586001	BRK-1H-P1A	EPA 8260	MSV/6091		
3028586003	BRK-1H-P1B	EPA 8260	MSV/6091		
3028586005	BRK-1H-P2A	EPA 8260	MSV/6091		
3028586007	BRK-1H-P2B	EPA 8260	MSV/6091		
3028586009	BRK-1H-P3A	EPA 8260	MSV/6091		
3028586011	BRK-1H-P3B	EPA 8260	MSV/6091		
3028586013	BRK-1H-P4A	EPA 8260	MSV/6091		
3028586015	BRK-1H-P4B	EPA 8260	MSV/6091		
3028586017	BRK-1H-P5A	EPA 8260	MSV/6091		
3028586019	BRK-1H-P5B	EPA 8260	MSV/6091		
3028586021	BRK-1H-P6A	EPA 8260	MSV/6091		
3028586023	BRK-1H-P6B	EPA 8260	MSV/6091		
3028586001	BRK-1H-P1A	ASTM D2974-87	PMST/1902		
3028586003	BRK-1H-P1B	ASTM D2974-87	PMST/1902		
3028586005	BRK-1H-P2A	ASTM D2974-87	PMST/1902		
3028586007	BRK-1H-P2B	ASTM D2974-87	PMST/1902		
3028586009	BRK-1H-P3A	ASTM D2974-87	PMST/1902		
3028586011	BRK-1H-P3B	ASTM D2974-87	PMST/1902		
3028586013	BRK-1H-P4A	ASTM D2974-87	PMST/1902		
3028586015	BRK-1H-P4B	ASTM D2974-87	PMST/1902		
3028586017	BRK-1H-P5A	ASTM D2974-87	PMST/1902		
3028586019	BRK-1H-P5B	ASTM D2974-87	PMST/1903		
3028586021	BRK-1H-P6A	ASTM D2974-87	PMST/1903		
3028586023	BRK-1H-P6B	ASTM D2974-87	PMST/1903		
3028586002	BRK-1H-P1(ASTM)	SM 5540C	WET/5819		
3028586004	BRK-1H-P1B(ASTM)	SM 5540C	WET/5819		
3028586006	BRK-1H-P2A(ASTM)	SM 5540C	WET/5819		
3028586008	BRK-1H-P2B(ASTM)	SM 5540C	WET/5819		
3028586010	BRK-1H-P3A(ASTM)	SM 5540C	WET/5819		
3028586012	BRK-1H-P3B(ASTM)	SM 5540C	WET/5819		
3028586014	BRK-1H-P4A(ASTM)	SM 5540C	WET/5819		
3028586016	BRK-1H-P4B(ASTM)	SM 5540C	WET/5819		
3028586018	BRK-1H-P5A(ASTM)	SM 5540C	WET/5819		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028586

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028586020	BRK-1H-P5B(ASTM)	SM 5540C	WET/5819		
3028586022	BRK-1H-P6A(ASTM)	SM 5540C	WET/5829		
3028586024	BRK-1H-P6B(ASTM)	SM 5540C	WET/5829		
3028586001	BRK-1H-P1A	EPA 9045	WET/5759		
3028586003	BRK-1H-P1B	EPA 9045	WET/5759		
3028586005	BRK-1H-P2A	EPA 9045	WET/5759		
3028586007	BRK-1H-P2B	EPA 9045	WET/5759		
3028586009	BRK-1H-P3A	EPA 9045	WET/5759		
3028586011	BRK-1H-P3B	EPA 9045	WET/5759		
3028586013	BRK-1H-P4A	EPA 9045	WET/5759		
3028586015	BRK-1H-P4B	EPA 9045	WET/5759		
3028586017	BRK-1H-P5A	EPA 9045	WET/5759		
3028586019	BRK-1H-P5B	EPA 9045	WET/5759		
3028586021	BRK-1H-P6A	EPA 9045	WET/5759		
3028586023	BRK-1H-P6B	EPA 9045	WET/5759		
3028586001	BRK-1H-P1A	EPA 350.1	WETA/4447		
3028586003	BRK-1H-P1B	EPA 350.1	WETA/4447		
3028586005	BRK-1H-P2A	EPA 350.1	WETA/4448		
3028586007	BRK-1H-P2B	EPA 350.1	WETA/4448		
3028586009	BRK-1H-P3A	EPA 350.1	WETA/4448		
3028586011	BRK-1H-P3B	EPA 350.1	WETA/4448		
3028586013	BRK-1H-P4A	EPA 350.1	WETA/4448		
3028586015	BRK-1H-P4B	EPA 350.1	WETA/4448		
3028586017	BRK-1H-P5A	EPA 350.1	WETA/4448		
3028586019	BRK-1H-P5B	EPA 350.1	WETA/4448		
3028586021	BRK-1H-P6A	EPA 350.1	WETA/4448		
3028586023	BRK-1H-P6B	EPA 350.1	WETA/4448		
3028586002	BRK-1H-P1(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586004	BRK-1H-P1B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586006	BRK-1H-P2A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586008	BRK-1H-P2B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586010	BRK-1H-P3A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586012	BRK-1H-P3B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586014	BRK-1H-P4A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586016	BRK-1H-P4B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586018	BRK-1H-P5A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586020	BRK-1H-P5B(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586022	BRK-1H-P6A(ASTM)	SM 4500-Cl-E	WETA/4402		
3028586024	BRK-1H-P6B(ASTM)	SM 4500-Cl-E	WETA/4402		

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FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 179995

Sample wt/vol: 15.0 (g/mL) G Lab File ID: M10610A1

Level: (low/med) LOW Date Received: 06/09/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/10/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P1A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586001

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10611A8

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 12 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-88-3	TOLUENE	1.76	3580	NJ
2.	UNKNOWN	4.13	1290	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P1B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586003

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10611A9

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 10 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-88-3	TOLUENE	1.77	657	NJ
2.	UNKNOWN	4.13	1460	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P2A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586005

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10611B0

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 13 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-88-3	TOLUENE	1.77	154	NJ
2.	UNKNOWN	4.14	1180	J
3.				
4.				
5.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P2B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586007

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10611B3

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1510	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P3A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586009

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10611B4

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 13 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1310	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P3B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586011

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10611B5

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 12 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/11/10

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.13	1560	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P4A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586013

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10611B6

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 16 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.13	1390	J
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FORM I SV-TIC

FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P4B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586015

Sample wt/vol: 15.4 (g/mL) G Lab File ID: M10611B7

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 10 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/11/10

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1620	J
2.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P5A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586017

Sample wt/vol: 15.2 (g/mL) G Lab File ID: M10611B8

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 06/11/10

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.13	1280	J
2.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P6A

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586021

Sample wt/vol: 15.5 (g/mL) G Lab File ID: M10611C0

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 8 decanted: (Y/N) N Date Extracted: 07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	1470	J
2.				
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FORM 1 URS Corporation - PG28-MAY-2010 13:40

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BRK-1H-P6B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028586023

Sample wt/vol: 15.1 (g/mL) G Lab File ID: M10611C1

Level: (low/med) LOW Date Received: 05/28/10

% Moisture: 9 decanted: (Y/N) N Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.14	963	J
2.				
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FORM I SV-TIC

FORM 1 URS Corporation - PG27-MAY-2010 10:30

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

G-7-P16B

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 30MSS1-MSS106111

Matrix: (soil/water) SOIL Lab Sample ID: 3028453017

Sample wt/vol: 15.3 (g/mL) G Lab File ID: M10611A0

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/11/91

Concentrated Extract Volume: 5000(uL) Date Analyzed: 06/11/10

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	2.18	163	NJ
2. 111-06-8	HEXADECANOIC ACID, BUTYL EST	10.92	438	NJ
3. 123-95-5	OCTADECANOIC ACID, BUTYL EST	11.62	251	NJ
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FORM I SV-TIC

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1360491

Section A Required Client Information:
Company: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Email To: James_Pinto@URSCorp.com
Phone: 412-503-4602 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:
Report To: James_Pinto@URSCorp.com
Copy To: Mark_Halsing@URSCorp.com
Andy_Mohalka@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39931654.00001

Section C Invoice Information:
Attention: Thomas_Marski@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs-TCL + SPec (AL)	SVOCs-TCL + TICs	TOTAL METALS-TAL	ETH GLYCOL	PRO AND GRO	CHLORIDE	pH	NITROGEN AS AMMONIA	MBAS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 30285886
1	BRK-1H-P1 A	SL	G				15:16												X	X	X	X	X	X	X	X	X		001,002
2	BRK-1H-P1 B	SL	G				15:17												X	X	X	X	X	X	X	X	X		003,004
3	BRK-1H-P2 A	SL	G				15:10												X	X	X	X	X	X	X	X	X		005,006
4	BRK-1H-P2 B	SL	G				15:12												X	X	X	X	X	X	X	X	X		007,008
5	BRK-1H-P3 A	SL	G				15:20												X	X	X	X	X	X	X	X	X		009,010
6	BRK-1H-P3 B	SL	G				15:25												X	X	X	X	X	X	X	X	X		011,012
7	BRK-1H-P4 A	SL	G				15:45												X	X	X	X	X	X	X	X	X		013,014
8	BRK-1H-P4 B	SL	G				15:50												X	X	X	X	X	X	X	X	X		015,016
9	BRK-1H-P5 A	SL	G				15:45												X	X	X	X	X	X	X	X	X		017,018
10	BRK-1H-P5 B	SL	G				15:50												X	X	X	X	X	X	X	X	X		019,020
11	BRK-1H-P6 A	SL	G				16:10												X	X	X	X	X	X	X	X	X		021,022
12	BRK-1H-P6 B	SL	G				16:10												X	X	X	X	X	X	X	X	X		023,024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		5/28/10	12:25		5-28	1225				
		5-28	14		5-28	1340	9.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 5/28/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CABOT-EPA 005471

DIM0223739 DIM0224864

RES

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS

Project # 30285816

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other Foam

Thermometer Used 3 5 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 9.9 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-2870

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☐Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5. 5-2770 on bottles
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☐Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC: 5-2870 -Includes date/time/ID/Analysis Matrix: SL	☐Yes ☐No ☐N/A	12. Some labels dont match lids used times & lids to ID.
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Jim Pinta Date/Time: 6/1/10 10:40

Comments/ Resolution:

Notified client of high receipt temperature.

Project Manager Review: Rachel D Chrostner Date: 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008145

Project Number
N/A

Issued
Wednesday, June 09, 2010

Total Number of Pages
5 (excluding C.O.C. and cooler receipt form)

Approved By :
QA Manager

NELAC Accreditation #E87688

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Sample Summary

Client: Pace Analytical
Order Number: 1008145

Laboratory ID	Client ID	Matrix	Sampling Date
1008145-01	3028586001	Solid	5/27/2010
1008145-02	3028586003	Solid	5/27/2010
1008145-03	3028586005	Solid	5/27/2010
1008145-04	3028586007	Solid	5/27/2010
1008145-05	3028586009	Solid	5/27/2010
1008145-06	3028586011	Solid	5/27/2010
1008145-07	3028586013	Solid	5/27/2010
1008145-08	3028586015	Solid	5/27/2010
1008145-09	3028586017	Solid	5/27/2010
1008145-10	3028586019	Solid	5/27/2010
1008145-11	3028586021	Solid	5/27/2010
1008145-12	3028586023	Solid	5/27/2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008145

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 6/2/2010
Project #: N/A

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028586001	1008145-01	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586003	1008145-02	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586005	1008145-03	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586007	1008145-04	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586009	1008145-05	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586011	1008145-06	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586013	1008145-07	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586015	1008145-08	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586017	1008145-09	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586019	1008145-10	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028586021	1008145-11	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 6/2/2010
Project #: N/A

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028586023	1008145-12	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.: _____
P.O. No: ASR- 3028586

Request Date: 6/1/10 Analysis Due Date: 6/14/2010
Shipped By: _____

Certification Required: _____

Pace Project No.: 3028586
Report/Invoice to: Tim Reed

Page 1 of 1

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028586001	SL	5/27/10	15:16	Ethylene Glycol	8015		
2	3028586003	SL	5/27/10	15:17	Ethylene Glycol	8015		
3	3028586005	SL	5/27/10	15:10	Ethylene Glycol	8015		
4	3028586007	SL	5/27/10	15:12	Ethylene Glycol	8015		
5	3028586009	SL	5/27/10	15:20	Ethylene Glycol	8015		
6	3028586011	SL	5/27/10	15:25	Ethylene Glycol	8015		
7	3028586013	SL	5/27/10	15:45	Ethylene Glycol	8015		
8	3028586015	SL	5/27/10	15:50	Ethylene Glycol	8015		
9	3028586017	SL	5/27/10	15:45	Ethylene Glycol	8015		
10	3028586019	SL	5/27/10	15:50	Ethylene Glycol	8015		
11	3028586021	SL	5/27/10	16:10	Ethylene Glycol	8015		
12	3028586023	SL	5/27/10	16:10	Ethylene Glycol	8015		

Special Requirements: Please e-mail results to Timothy.Reed@pacelabs.com

1008145-01-12

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Rachel D Christner — Pace Agent Name — Project Manager — Title

Acceptance of Terms By: _____ Subcontract Lab Agent — Title

Relinquised By: [signature] 6-7-10 17:00 (Signature & Affiliation) (Date) (Time)

Received By: [signature] 6/7/10 10:30 (Signature & Affiliation) (Date) (Time)

Relinquised By: _____ (Signature & Affiliation) (Date) (Time)

Received By: _____ (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005478

DIM0223739 DIM0224871

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Analytical Order Number: 1000145

Date Received: 6/2/10 Time Received: 10:30

Number of Coolers/Boxes: 1 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.8 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

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Greensburg, PA 15601
(724)850-5600

June 14, 2010

Mr. Jim Pinta
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

RE: Project: KLG
Pace Project No.: 3028593

Dear Mr. Pinta:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Cooler temperature 10.0 ° C upon receipt. Ice was present.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Reed

timothy.reed@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLG
Pace Project No.: 3028593

Pennsylvania Certification IDs
1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601
Wyoming Certification #: 8TMS-Q
Wisconsin/PADEP Certification
West Virginia Certification #: 143
Washington Certification #: C1941
Virginia Certification #: 00112
Virgin Island/PADEP Certification
Utah/NELAC Certification #: ANTE
Texas/NELAC Certification #: T104704188-09 TX
Tennessee Certification #: TN2867
South Dakota Certification
Puerto Rico Certification #: PA01457
Pennsylvania/NELAC Certification #: 65-00282
Oregon/NELAC Certification #: PA200002
North Carolina Certification #: 42706
New York/NELAC Certification #: 10888
New Mexico Certification
New Jersey/NELAC Certification #: PA 051
New Hampshire/NELAC Certification #: 2976
Nevada Certification
Montana Certification #: Cert 0082
Missouri Certification #: 235
Michigan/PADEP Certification
Massachusetts Certification #: M-PA1457
Maryland Certification #: 308
Maine Certification #: PA0091
Louisiana/NELAC Certification #: LA080002
Louisiana/NELAC Certification #: 4086
Kentucky Certification #: 90133
Kansas/NELAC Certification #: E-10358
Iowa Certification #: 391
Indiana/PADEP Certification
Illinois/PADEP Certification
Idaho Certification
Hawaii/PADEP Certification
Guam/PADEP Certification
Florida/NELAC Certification #: E87683
Delaware Certification
Connecticut Certification #: PH 0694
Colorado Certification
California/NELAC Certification #: 04222CA
Arkansas Certification
Arizona Certification #: AZ0734
Alabama Certification #: 41590

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028593

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3028593001	[redacted]5-P1A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593002	[redacted]5-P1B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593003	[redacted]5-P2A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593004	[redacted]5-P2B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593005	[redacted]5-P3A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593006	[redacted]5-P3B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593007	[redacted]5-P4A	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593008	[redacted]5-P4B	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593009	[redacted]5-P2C	EPA 8260	JEW	11	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593010	[redacted]6-P1A	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593011	[redacted]6-P1B	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593012	[redacted]6-P1C	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593013	[redacted]-6-P1D	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593014	[redacted]6-P3A	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA

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SAMPLE ANALYTE COUNT

Project: KLG
Pace Project No.: 3028593

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	DLD	1	PASI-PA
3028593015	[redacted]6-P3B	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593016	[redacted]6-P3C	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593017	[redacted]-6-P4A	EPA 6010B	CTS	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593018	[redacted]-6-P4B	EPA 6010B	SAB	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593019	[redacted]-6-P4C	EPA 6010B	SAB	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593020	[redacted]-6-P2A	EPA 6010B	SAB	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593021	[redacted]-6-P2B	EPA 6010B	SAB	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA
3028593022	[redacted]-6-P2C	EPA 6010B	SAB	1	PASI-PA
		EPA 8270 by SIM	SPL	13	PASI-PA
		EPA 8260	JEW	14	PASI-PA
		ASTM D2974-87	DLD	1	PASI-PA

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HITS ONLY

Project: KLG
Pace Project No.: 3028593

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028593001	**[redacted]5-P1A**					
ASTM D2974-87	Percent Moisture	7.5	%	0.10	06/11/10 12:02	
3028593002	**[redacted]5-P1B**					
ASTM D2974-87	Percent Moisture	6.0	%	0.10	06/11/10 12:04	
3028593003	**[redacted]5-P2A**					
ASTM D2974-87	Percent Moisture	10.5	%	0.10	06/11/10 12:05	
3028593004	**[redacted]5-P2B**					
ASTM D2974-87	Percent Moisture	7.9	%	0.10	06/11/10 12:05	
3028593005	**[redacted]5-P3A**					
ASTM D2974-87	Percent Moisture	7.1	%	0.10	06/11/10 12:06	
3028593006	**[redacted]5-P3B**					
ASTM D2974-87	Percent Moisture	8.5	%	0.10	06/11/10 12:07	
3028593007	**[redacted]5-P4A**					
ASTM D2974-87	Percent Moisture	0.52	%	0.10	06/11/10 12:07	
3028593008	**[redacted]5-P4B**					
ASTM D2974-87	Percent Moisture	5.8	%	0.10	06/11/10 12:09	
3028593009	**[redacted]5-P2C**					
ASTM D2974-87	Percent Moisture	9.3	%	0.10	06/11/10 12:10	
3028593010	**[redacted]6-P1A**					
EPA 6010B	Lead	119	mg/kg	0.51	06/14/10 13:09	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	06/11/10 12:10	
3028593011	**[redacted]6-P1B**					
EPA 6010B	Lead	98.9	mg/kg	0.57	06/14/10 13:12	
ASTM D2974-87	Percent Moisture	20.3	%	0.10	06/11/10 12:11	
3028593012	**[redacted]6-P1C**					
EPA 6010B	Lead	95.6	mg/kg	0.39	06/14/10 13:15	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	06/11/10 12:12	
3028593013	**[redacted]6-P1D**					
EPA 6010B	Lead	106	mg/kg	0.46	06/14/10 13:18	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	06/11/10 12:12	
3028593014	**[redacted]6-P3A**					
EPA 6010B	Lead	122	mg/kg	0.52	06/14/10 13:39	
ASTM D2974-87	Percent Moisture	6.5	%	0.10	06/11/10 12:13	
3028593015	**[redacted]6-P3B**					
EPA 6010B	Lead	127	mg/kg	0.37	06/14/10 13:42	
ASTM D2974-87	Percent Moisture	6.0	%	0.10	06/11/10 12:21	
3028593016	**[redacted]6-P3C**					
EPA 6010B	Lead	125	mg/kg	0.28	06/14/10 13:45	
ASTM D2974-87	Percent Moisture	7.4	%	0.10	06/11/10 12:15	

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nelac

CABOT-EPA 005484

DIM0223739 DIM0224877

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HITS ONLY

Project: KLG
Pace Project No.: 3028593

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3028593017	**[redacted]6-P4A**					
EPA 6010B	Lead	442	mg/kg	0.34	06/14/10 13:48	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	06/11/10 12:15	
3028593018	**[redacted]6-P4B**					
EPA 6010B	Lead	190	mg/kg	0.35	06/14/10 01:36	
ASTM D2974-87	Percent Moisture	9.7	%	0.10	06/11/10 12:46	
3028593019	**[redacted]6-P4C**					
EPA 6010B	Lead	211	mg/kg	0.42	06/14/10 01:58	
ASTM D2974-87	Percent Moisture	6.2	%	0.10	06/11/10 12:47	
3028593020	**[redacted]6-P2A**					
EPA 6010B	Lead	35.9	mg/kg	0.34	06/14/10 02:01	
ASTM D2974-87	Percent Moisture	8.3	%	0.10	06/11/10 12:48	
3028593021	**[redacted]6-P2B**					
EPA 6010B	Lead	39.5	mg/kg	0.32	06/14/10 02:05	
ASTM D2974-87	Percent Moisture	7.3	%	0.10	06/11/10 12:49	
3028593022	**[redacted]6-P2C**					
EPA 6010B	Lead	99.8	mg/kg	0.35	06/14/10 02:09	
ASTM D2974-87	Percent Moisture	7.6	%	0.10	06/11/10 12:49	

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028593

Method: **EPA 6010B**
Description: 6010 MET ICP
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
13 samples were analyzed for EPA 6010B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3986

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028593018

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 178895)
  - Lead

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MPRP/3986

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 178894)
  - Lead

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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ACCREDITED IN ACCORDANCE WITH nelac

CABOT-EPA 005486

DIM0223739 DIM0224879

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(724)850-5600

PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028593

Method: EPA 8270 by SIM
Description: 8270 MSSV PAH by SIM
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
13 samples were analyzed for EPA 8270 by SIM. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (Including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/5154

S0: Surrogate recovery outside laboratory control limits.
- MS (Lab ID: 180623)
  - 2-Fluorobiphenyl (S)
- MSD (Lab ID: 180624)
  - 2-Fluorobiphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/5154

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028593014

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- MS (Lab ID: 180623)
  - Anthracene
  - Fluorene
  - Phenanthrene

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028593

Method: **EPA 8270 by SIM**
Description: 8270 MSSV PAH by SIM
Client: URS Corporation - PGH PA
Date: June 14, 2010

QC Batch: OEXT/5154

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 3028593014

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Pyrene
- MSD (Lab ID: 180624)
  - Anthracene
  - Fluorene
  - Phenanthrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 180624)
  - Benzo(b)fluoranthene
  - Indeno(1,2,3-cd)pyrene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

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PROJECT NARRATIVE

Project: KLG
Pace Project No.: 3028593

Method: EPA 8260
Description: 8260 MSV PA UST
Client: URS Corporation - PGH PA
Date: June 14, 2010

General Information:
22 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/6119

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/6126

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Workorder Comments:

The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P1A **Lab ID: 3028593001** Collected: 05/27/10 08:05 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	7.5	1		06/09/10 00:08	71-43-2	
Ethylbenzene	ND	ug/kg	7.5	1		06/09/10 00:08	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.5	1		06/09/10 00:08	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.5	1		06/09/10 00:08	1634-04-4	
Naphthalene	ND	ug/kg	7.5	1		06/09/10 00:08	91-20-3	
Toluene	ND	ug/kg	7.5	1		06/09/10 00:08	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	7.5	1		06/09/10 00:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.5	1		06/09/10 00:08	108-67-8	
Toluene-d8 (S)	91	%	70-130	1		06/09/10 00:08	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/09/10 00:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/09/10 00:08	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.5**	%	0.10	1		06/11/10 12:02		

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CABOT-EPA 005490

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P1B **Lab ID: 3028593002** Collected: 05/27/10 08:06 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	8.7	1		06/09/10 00:32	71-43-2	
Ethylbenzene	ND	ug/kg	8.7	1		06/09/10 00:32	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	1		06/09/10 00:32	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.7	1		06/09/10 00:32	1634-04-4	
Naphthalene	ND	ug/kg	8.7	1		06/09/10 00:32	91-20-3	
Toluene	ND	ug/kg	8.7	1		06/09/10 00:32	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	1		06/09/10 00:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	1		06/09/10 00:32	108-67-8	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 00:32	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		06/09/10 00:32	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/09/10 00:32	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.0**	%	0.10	1		06/11/10 12:04		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P2A **Lab ID: 3028593003** Collected: 05/27/10 08:09 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.4	1		06/09/10 00:56	71-43-2	
Ethylbenzene	ND	ug/kg	4.4	1		06/09/10 00:56	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		06/09/10 00:56	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		06/09/10 00:56	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		06/09/10 00:56	91-20-3	
Toluene	ND	ug/kg	4.4	1		06/09/10 00:56	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		06/09/10 00:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		06/09/10 00:56	108-67-8	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 00:56	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/09/10 00:56	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		06/09/10 00:56	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.5**	%	0.10	1		06/11/10 12:05		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P2B **Lab ID: 3028593004** Collected: 05/27/10 08:10 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	4.5	1		06/09/10 01:21	71-43-2	
Ethylbenzene	ND	ug/kg	4.5	1		06/09/10 01:21	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		06/09/10 01:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		06/09/10 01:21	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		06/09/10 01:21	91-20-3	
Toluene	ND	ug/kg	4.5	1		06/09/10 01:21	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		06/09/10 01:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		06/09/10 01:21	108-67-8	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 01:21	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/09/10 01:21	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/09/10 01:21	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.9**	%	0.10	1		06/11/10 12:05		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P3A **Lab ID: 3028593005** Collected: 05/27/10 08:24 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.5	1		06/09/10 01:45	71-43-2	
Ethylbenzene	ND	ug/kg	6.5	1		06/09/10 01:45	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	1		06/09/10 01:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.5	1		06/09/10 01:45	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1		06/09/10 01:45	91-20-3	
Toluene	ND	ug/kg	6.5	1		06/09/10 01:45	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.5	1		06/09/10 01:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.5	1		06/09/10 01:45	108-67-8	
Toluene-d8 (S)	91	%	70-130	1		06/09/10 01:45	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/09/10 01:45	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/09/10 01:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.1**	%	0.10	1		06/11/10 12:06		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P3B **Lab ID: 3028593006** Collected: 05/27/10 08:25 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.8	1		06/09/10 02:09	71-43-2	
Ethylbenzene	ND	ug/kg	6.8	1		06/09/10 02:09	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	1		06/09/10 02:09	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.8	1		06/09/10 02:09	1634-04-4	
Naphthalene	ND	ug/kg	6.8	1		06/09/10 02:09	91-20-3	
Toluene	ND	ug/kg	6.8	1		06/09/10 02:09	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.8	1		06/09/10 02:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	1		06/09/10 02:09	108-67-8	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 02:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/09/10 02:09	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		06/09/10 02:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	8.5	%	0.10	1		06/11/10 12:07		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P4A **Lab ID: 3028593007** Collected: 05/27/10 08:35 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	7.2	1		06/09/10 02:33	71-43-2	
Ethylbenzene	ND	ug/kg	7.2	1		06/09/10 02:33	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	1		06/09/10 02:33	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.2	1		06/09/10 02:33	1634-04-4	
Naphthalene	ND	ug/kg	7.2	1		06/09/10 02:33	91-20-3	
Toluene	ND	ug/kg	7.2	1		06/09/10 02:33	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	1		06/09/10 02:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	1		06/09/10 02:33	108-67-8	
Toluene-d8 (S)	93	%	70-130	1		06/09/10 02:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/09/10 02:33	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		06/09/10 02:33	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**0.52**	%	0.10	1		06/11/10 12:07		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P4B **Lab ID: 3028593008** Collected: 05/27/10 08:36 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.0	1		06/09/10 02:57	71-43-2	
Ethylbenzene	ND	ug/kg	6.0	1		06/09/10 02:57	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		06/09/10 02:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		06/09/10 02:57	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		06/09/10 02:57	91-20-3	
Toluene	ND	ug/kg	6.0	1		06/09/10 02:57	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		06/09/10 02:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		06/09/10 02:57	108-67-8	
Toluene-d8 (S)	91	%	70-130	1		06/09/10 02:57	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		06/09/10 02:57	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 02:57	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.8**	%	0.10	1		06/11/10 12:09		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]5-P2C **Lab ID: 3028593009** Collected: 05/27/10 08:22 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		06/09/10 03:22	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1		06/09/10 03:22	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/09/10 03:22	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/09/10 03:22	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/09/10 03:22	91-20-3	
Toluene	ND	ug/kg	5.0	1		06/09/10 03:22	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/09/10 03:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/09/10 03:22	108-67-8	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 03:22	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/09/10 03:22	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		06/09/10 03:22	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	9.3	%	0.10	1		06/11/10 12:10		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P1A **Lab ID: 3028593010** Collected: 05/27/10 10:24 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**119**	mg/kg	0.51	1	06/03/10 12:11	06/14/10 13:09	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	191-24-2	
Chrysene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	218-01-9	
Fluorene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	193-39-5	
Phenanthrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	85-01-8	
Pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 18:07	129-00-0	
Nitrobenzene-d5 (S)	63	%	23-120	1	06/10/10 16:24	06/11/10 18:07	4165-60-0	
2-Fluorobiphenyl (S)	60	%	30-115	1	06/10/10 16:24	06/11/10 18:07	321-60-8	
Terphenyl-d14 (S)	89	%	18-137	1	06/10/10 16:24	06/11/10 18:07	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.3	1		06/09/10 03:46	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	1		06/09/10 03:46	106-93-4	
1,2-Dichloroethane	ND	ug/kg	6.3	1		06/09/10 03:46	107-06-2	
Ethylbenzene	ND	ug/kg	6.3	1		06/09/10 03:46	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		06/09/10 03:46	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		06/09/10 03:46	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		06/09/10 03:46	91-20-3	
Toluene	ND	ug/kg	6.3	1		06/09/10 03:46	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		06/09/10 03:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		06/09/10 03:46	108-67-8	
Xylene (Total)	ND	ug/kg	18.9	1		06/09/10 03:46	1330-20-7	
Toluene-d8 (S)	94	%	70-130	1		06/09/10 03:46	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130	1		06/09/10 03:46	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		06/09/10 03:46	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.0**	%	0.10	1		06/11/10 12:10		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]**6-P1B** **Lab ID: 3028593011** Collected: 05/27/10 10:30 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**98.9**	mg/kg	0.57	1	06/03/10 12:11	06/14/10 13:12	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	120-12-7	
Benzo(a)anthracene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	191-24-2	
Chrysene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	218-01-9	
Fluorene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	193-39-5	
Phenanthrene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	85-01-8	
Pyrene	ND	ug/kg	8.3	1	06/10/10 16:24	06/11/10 18:33	129-00-0	
Nitrobenzene-d5 (S)	93	%	23-120	1	06/10/10 16:24	06/11/10 18:33	4165-60-0	
2-Fluorobiphenyl (S)	86	%	30-115	1	06/10/10 16:24	06/11/10 18:33	321-60-8	
Terphenyl-d14 (S)	91	%	18-137	1	06/10/10 16:24	06/11/10 18:33	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	8.0	1		06/09/10 04:10	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	1		06/09/10 04:10	106-93-4	
1,2-Dichloroethane	ND	ug/kg	8.0	1		06/09/10 04:10	107-06-2	
Ethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:10	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		06/09/10 04:10	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		06/09/10 04:10	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		06/09/10 04:10	91-20-3	
Toluene	ND	ug/kg	8.0	1		06/09/10 04:10	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:10	108-67-8	
Xylene (Total)	ND	ug/kg	24.1	1		06/09/10 04:10	1330-20-7	
Toluene-d8 (S)	92	%	70-130	1		06/09/10 04:10	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/09/10 04:10	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		06/09/10 04:10	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.3**	%	0.10	1		06/11/10 12:11		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P1C **Lab ID: 3028593012** Collected: 05/27/10 10:35 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**95.6**	mg/kg	0.39	1	06/03/10 12:11	06/14/10 13:15	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	191-24-2	
Chrysene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	218-01-9	
Fluorene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	193-39-5	
Phenanthrene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	85-01-8	
Pyrene	ND	ug/kg	7.5	1	06/10/10 16:24	06/11/10 18:58	129-00-0	
Nitrobenzene-d5 (S)	110	%	23-120	1	06/10/10 16:24	06/11/10 18:58	4165-60-0	
2-Fluorobiphenyl (S)	97	%	30-115	1	06/10/10 16:24	06/11/10 18:58	321-60-8	
Terphenyl-d14 (S)	97	%	18-137	1	06/10/10 16:24	06/11/10 18:58	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	8.0	1		06/09/10 04:34	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	1		06/09/10 04:34	106-93-4	
1,2-Dichloroethane	ND	ug/kg	8.0	1		06/09/10 04:34	107-06-2	
Ethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:34	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1		06/09/10 04:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.0	1		06/09/10 04:34	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1		06/09/10 04:34	91-20-3	
Toluene	ND	ug/kg	8.0	1		06/09/10 04:34	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	1		06/09/10 04:34	108-67-8	
Xylene (Total)	ND	ug/kg	23.9	1		06/09/10 04:34	1330-20-7	
Toluene-d8 (S)	94	%	70-130	1		06/09/10 04:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130	1		06/09/10 04:34	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 04:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.9**	%	0.10	1		06/11/10 12:12		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P1D **Lab ID: 3028593013** Collected: 05/27/10 10:35 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**106**	mg/kg	0.46	1	06/03/10 12:11	06/14/10 13:18	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	191-24-2	
Chrysene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	218-01-9	
Fluorene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	193-39-5	
Phenanthrene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	85-01-8	
Pyrene	ND	ug/kg	7.3	1	06/10/10 16:24	06/11/10 19:24	129-00-0	
Nitrobenzene-d5 (S)	83	%	23-120	1	06/10/10 16:24	06/11/10 19:24	4165-60-0	
2-Fluorobiphenyl (S)	75	%	30-115	1	06/10/10 16:24	06/11/10 19:24	321-60-8	
Terphenyl-d14 (S)	95	%	18-137	1	06/10/10 16:24	06/11/10 19:24	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.9	1		06/09/10 04:58	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	1		06/09/10 04:58	106-93-4	
1,2-Dichloroethane	ND	ug/kg	5.9	1		06/09/10 04:58	107-06-2	
Ethylbenzene	ND	ug/kg	5.9	1		06/09/10 04:58	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	1		06/09/10 04:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.9	1		06/09/10 04:58	1634-04-4	
Naphthalene	ND	ug/kg	5.9	1		06/09/10 04:58	91-20-3	
Toluene	ND	ug/kg	5.9	1		06/09/10 04:58	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1		06/09/10 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	1		06/09/10 04:58	108-67-8	
Xylene (Total)	ND	ug/kg	17.8	1		06/09/10 04:58	1330-20-7	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 04:58	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		06/09/10 04:58	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		06/09/10 04:58	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.6**	%	0.10	1		06/11/10 12:12		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P3A **Lab ID: 3028593014** Collected: 05/27/10 10:49 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**122**	mg/kg	0.52	1	06/03/10 12:11	06/14/10 13:39	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	191-24-2	
Chrysene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	218-01-9	
Fluorene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	193-39-5	
Phenanthrene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	85-01-8	
Pyrene	ND	ug/kg	7.0	1	06/10/10 16:24	06/11/10 19:49	129-00-0	
Nitrobenzene-d5 (S)	75	%	23-120	1	06/10/10 16:24	06/11/10 19:49	4165-60-0	
2-Fluorobiphenyl (S)	67	%	30-115	1	06/10/10 16:24	06/11/10 19:49	321-60-8	
Terphenyl-d14 (S)	84	%	18-137	1	06/10/10 16:24	06/11/10 19:49	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		06/09/10 05:23	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		06/09/10 05:23	106-93-4	
1,2-Dichloroethane	ND	ug/kg	5.0	1		06/09/10 05:23	107-06-2	
Ethylbenzene	ND	ug/kg	5.0	1		06/09/10 05:23	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		06/09/10 05:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		06/09/10 05:23	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		06/09/10 05:23	91-20-3	
Toluene	ND	ug/kg	5.0	1		06/09/10 05:23	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		06/09/10 05:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		06/09/10 05:23	108-67-8	
Xylene (Total)	ND	ug/kg	15.1	1		06/09/10 05:23	1330-20-7	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 05:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/09/10 05:23	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 05:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.5**	%	0.10	1		06/11/10 12:13		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P3B **Lab ID: 3028593015** Collected: 05/27/10 10:50 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**127**	mg/kg	0.37	1	06/03/10 12:11	06/14/10 13:42	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	191-24-2	
Chrysene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	218-01-9	
Fluorene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	193-39-5	
Phenanthrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	85-01-8	
Pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 21:06	129-00-0	
Nitrobenzene-d5 (S)	92	%	23-120	1	06/10/10 16:24	06/11/10 21:06	4165-60-0	
2-Fluorobiphenyl (S)	83	%	30-115	1	06/10/10 16:24	06/11/10 21:06	321-60-8	
Terphenyl-d14 (S)	99	%	18-137	1	06/10/10 16:24	06/11/10 21:06	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	7.6	1		06/09/10 05:47	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	1		06/09/10 05:47	106-93-4	
1,2-Dichloroethane	ND	ug/kg	7.6	1		06/09/10 05:47	107-06-2	
Ethylbenzene	ND	ug/kg	7.6	1		06/09/10 05:47	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	1		06/09/10 05:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.6	1		06/09/10 05:47	1634-04-4	
Naphthalene	ND	ug/kg	7.6	1		06/09/10 05:47	91-20-3	
Toluene	ND	ug/kg	7.6	1		06/09/10 05:47	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	1		06/09/10 05:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	1		06/09/10 05:47	108-67-8	
Xylene (Total)	ND	ug/kg	22.8	1		06/09/10 05:47	1330-20-7	
Toluene-d8 (S)	93	%	70-130	1		06/09/10 05:47	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130	1		06/09/10 05:47	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 05:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.0**	%	0.10	1		06/11/10 12:21		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P3C **Lab ID: 3028593016** Collected: 05/27/10 10:54 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**125**	mg/kg	0.28	1	06/03/10 12:11	06/14/10 13:45	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	191-24-2	
Chrysene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	218-01-9	
Fluorene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	193-39-5	
Phenanthrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	85-01-8	
Pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:31	129-00-0	
Nitrobenzene-d5 (S)	68	%	23-120	1	06/10/10 16:24	06/11/10 21:31	4165-60-0	
2-Fluorobiphenyl (S)	62	%	30-115	1	06/10/10 16:24	06/11/10 21:31	321-60-8	
Terphenyl-d14 (S)	77	%	18-137	1	06/10/10 16:24	06/11/10 21:31	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.9	1		06/09/10 06:11	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.9	1		06/09/10 06:11	106-93-4	
1,2-Dichloroethane	ND	ug/kg	6.9	1		06/09/10 06:11	107-06-2	
Ethylbenzene	ND	ug/kg	6.9	1		06/09/10 06:11	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.9	1		06/09/10 06:11	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.9	1		06/09/10 06:11	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1		06/09/10 06:11	91-20-3	
Toluene	ND	ug/kg	6.9	1		06/09/10 06:11	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.9	1		06/09/10 06:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.9	1		06/09/10 06:11	108-67-8	
Xylene (Total)	ND	ug/kg	20.6	1		06/09/10 06:11	1330-20-7	
Toluene-d8 (S)	92	%	70-130	1		06/09/10 06:11	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1		06/09/10 06:11	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 06:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.4**	%	0.10	1		06/11/10 12:15		

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CABOT-EPA 005505

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P4A **Lab ID: 3028593017** Collected: 05/27/10 11:02 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**442**	mg/kg	0.34	1	06/03/10 12:11	06/14/10 13:48	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	191-24-2	
Chrysene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	218-01-9	
Fluorene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	193-39-5	
Phenanthrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	85-01-8	
Pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 21:57	129-00-0	
Nitrobenzene-d5 (S)	89	%	23-120	1	06/10/10 16:24	06/11/10 21:57	4165-60-0	
2-Fluorobiphenyl (S)	82	%	30-115	1	06/10/10 16:24	06/11/10 21:57	321-60-8	
Terphenyl-d14 (S)	85	%	18-137	1	06/10/10 16:24	06/11/10 21:57	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	7.1	1		06/09/10 06:35	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	1		06/09/10 06:35	106-93-4	
1,2-Dichloroethane	ND	ug/kg	7.1	1		06/09/10 06:35	107-06-2	
Ethylbenzene	ND	ug/kg	7.1	1		06/09/10 06:35	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	1		06/09/10 06:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.1	1		06/09/10 06:35	1634-04-4	
Naphthalene	ND	ug/kg	7.1	1		06/09/10 06:35	91-20-3	
Toluene	ND	ug/kg	7.1	1		06/09/10 06:35	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	7.1	1		06/09/10 06:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	1		06/09/10 06:35	108-67-8	
Xylene (Total)	ND	ug/kg	21.2	1		06/09/10 06:35	1330-20-7	
Toluene-d8 (S)	93	%	70-130	1		06/09/10 06:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130	1		06/09/10 06:35	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		06/09/10 06:35	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.4**	%	0.10	1		06/11/10 12:15		

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CABOT-EPA 005506

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P4B **Lab ID: 3028593018** Collected: 05/27/10 11:03 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**190**	mg/kg	0.35	1	06/04/10 17:35	06/14/10 01:36	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	191-24-2	
Chrysene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	218-01-9	
Fluorene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	193-39-5	
Phenanthrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	85-01-8	
Pyrene	ND	ug/kg	7.2	1	06/10/10 16:24	06/11/10 22:22	129-00-0	
Nitrobenzene-d5 (S)	62	%	23-120	1	06/10/10 16:24	06/11/10 22:22	4165-60-0	
2-Fluorobiphenyl (S)	56	%	30-115	1	06/10/10 16:24	06/11/10 22:22	321-60-8	
Terphenyl-d14 (S)	84	%	18-137	1	06/10/10 16:24	06/11/10 22:22	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	7.6	1		06/09/10 06:59	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	1		06/09/10 06:59	106-93-4	
1,2-Dichloroethane	ND	ug/kg	7.6	1		06/09/10 06:59	107-06-2	
Ethylbenzene	ND	ug/kg	7.6	1		06/09/10 06:59	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	1		06/09/10 06:59	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	7.6	1		06/09/10 06:59	1634-04-4	
Naphthalene	ND	ug/kg	7.6	1		06/09/10 06:59	91-20-3	
Toluene	ND	ug/kg	7.6	1		06/09/10 06:59	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	1		06/09/10 06:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	1		06/09/10 06:59	108-67-8	
Xylene (Total)	ND	ug/kg	22.7	1		06/09/10 06:59	1330-20-7	
Toluene-d8 (S)	91	%	70-130	1		06/09/10 06:59	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		06/09/10 06:59	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		06/09/10 06:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		06/11/10 12:46		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P4C **Lab ID: 3028593019** Collected: 05/27/10 11:07 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**211**	mg/kg	0.42	1	06/04/10 17:35	06/14/10 01:58	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	120-12-7	
Benzo(a)anthracene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	191-24-2	
Chrysene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	218-01-9	
Fluorene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	193-39-5	
Phenanthrene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	85-01-8	
Pyrene	ND	ug/kg	6.9	1	06/10/10 16:24	06/11/10 22:48	129-00-0	
Nitrobenzene-d5 (S)	84	%	23-120	1	06/10/10 16:24	06/11/10 22:48	4165-60-0	
2-Fluorobiphenyl (S)	78	%	30-115	1	06/10/10 16:24	06/11/10 22:48	321-60-8	
Terphenyl-d14 (S)	88	%	18-137	1	06/10/10 16:24	06/11/10 22:48	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.9	1		06/09/10 07:24	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.9	1		06/09/10 07:24	106-93-4	
1,2-Dichloroethane	ND	ug/kg	6.9	1		06/09/10 07:24	107-06-2	
Ethylbenzene	ND	ug/kg	6.9	1		06/09/10 07:24	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.9	1		06/09/10 07:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.9	1		06/09/10 07:24	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1		06/09/10 07:24	91-20-3	
Toluene	ND	ug/kg	6.9	1		06/09/10 07:24	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.9	1		06/09/10 07:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.9	1		06/09/10 07:24	108-67-8	
Xylene (Total)	ND	ug/kg	20.7	1		06/09/10 07:24	1330-20-7	
Toluene-d8 (S)	91	%	70-130	1		06/09/10 07:24	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130	1		06/09/10 07:24	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 07:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.2**	%	0.10	1		06/11/10 12:47		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P2A **Lab ID: 3028593020** Collected: 05/27/10 11:15 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**35.9**	mg/kg	0.34	1	06/04/10 17:35	06/14/10 02:01	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	191-24-2	
Chrysene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	218-01-9	
Fluorene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	193-39-5	
Phenanthrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	85-01-8	
Pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:13	129-00-0	
Nitrobenzene-d5 (S)	83	%	23-120	1	06/10/10 16:24	06/11/10 23:13	4165-60-0	
2-Fluorobiphenyl (S)	77	%	30-115	1	06/10/10 16:24	06/11/10 23:13	321-60-8	
Terphenyl-d14 (S)	97	%	18-137	1	06/10/10 16:24	06/11/10 23:13	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	8.6	1		06/09/10 07:48	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.6	1		06/09/10 07:48	106-93-4	
1,2-Dichloroethane	ND	ug/kg	8.6	1		06/09/10 07:48	107-06-2	
Ethylbenzene	ND	ug/kg	8.6	1		06/09/10 07:48	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	8.6	1		06/09/10 07:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	8.6	1		06/09/10 07:48	1634-04-4	
Naphthalene	ND	ug/kg	8.6	1		06/09/10 07:48	91-20-3	
Toluene	ND	ug/kg	8.6	1		06/09/10 07:48	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	8.6	1		06/09/10 07:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.6	1		06/09/10 07:48	108-67-8	
Xylene (Total)	ND	ug/kg	25.7	1		06/09/10 07:48	1330-20-7	
Toluene-d8 (S)	90	%	70-130	1		06/09/10 07:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		06/09/10 07:48	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 07:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.3**	%	0.10	1		06/11/10 12:48		

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ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P2B **Lab ID: 3028593021** Collected: 05/27/10 11:17 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B		Preparation Method: EPA 3050					
Lead	**39.5**	mg/kg	0.32	1	06/04/10 17:35	06/14/10 02:05	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM		Preparation Method: EPA 3546					
Anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	191-24-2	
Chrysene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	218-01-9	
Fluorene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	193-39-5	
Phenanthrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	85-01-8	
Pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/11/10 23:39	129-00-0	
Nitrobenzene-d5 (S)	45	%	23-120	1	06/10/10 16:24	06/11/10 23:39	4165-60-0	
2-Fluorobiphenyl (S)	60	%	30-115	1	06/10/10 16:24	06/11/10 23:39	321-60-8	
Terphenyl-d14 (S)	100	%	18-137	1	06/10/10 16:24	06/11/10 23:39	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	2.4	1		06/09/10 18:06	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	2.4	1		06/09/10 18:06	106-93-4	
1,2-Dichloroethane	ND	ug/kg	2.4	1		06/09/10 18:06	107-06-2	
Ethylbenzene	ND	ug/kg	2.4	1		06/09/10 18:06	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	2.4	1		06/09/10 18:06	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	2.4	1		06/09/10 18:06	1634-04-4	
Naphthalene	ND	ug/kg	2.4	1		06/09/10 18:06	91-20-3	
Toluene	ND	ug/kg	2.4	1		06/09/10 18:06	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	2.4	1		06/09/10 18:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	2.4	1		06/09/10 18:06	108-67-8	
Xylene (Total)	ND	ug/kg	7.3	1		06/09/10 18:06	1330-20-7	
Toluene-d8 (S)	93	%	70-130	1		06/09/10 18:06	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		06/09/10 18:06	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		06/09/10 18:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.3**	%	0.10	1		06/11/10 12:49		

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CABOT-EPA 005510

DIM0223739 DIM0224903

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: KLG
Pace Project No.: 3028593

Sample: [redacted]6-P2C **Lab ID: 3028593022** Collected: 05/27/10 11:20 Received: 05/27/10 17:57 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010B Preparation Method: EPA 3050							
Lead	**99.8**	mg/kg	0.35	1	06/04/10 17:35	06/14/10 02:09	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	191-24-2	
Chrysene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	218-01-9	
Fluorene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	193-39-5	
Phenanthrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	85-01-8	
Pyrene	ND	ug/kg	7.1	1	06/10/10 16:24	06/12/10 00:04	129-00-0	
Nitrobenzene-d5 (S)	85	%	23-120	1	06/10/10 16:24	06/12/10 00:04	4165-60-0	
2-Fluorobiphenyl (S)	78	%	30-115	1	06/10/10 16:24	06/12/10 00:04	321-60-8	
Terphenyl-d14 (S)	99	%	18-137	1	06/10/10 16:24	06/12/10 00:04	1718-51-0	
8260 MSV PA UST	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.3	1		06/09/10 18:30	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	1		06/09/10 18:30	106-93-4	
1,2-Dichloroethane	ND	ug/kg	6.3	1		06/09/10 18:30	107-06-2	
Ethylbenzene	ND	ug/kg	6.3	1		06/09/10 18:30	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		06/09/10 18:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		06/09/10 18:30	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		06/09/10 18:30	91-20-3	
Toluene	ND	ug/kg	6.3	1		06/09/10 18:30	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		06/09/10 18:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		06/09/10 18:30	108-67-8	
Xylene (Total)	ND	ug/kg	18.9	1		06/09/10 18:30	1330-20-7	
Toluene-d8 (S)	93	%	70-130	1		06/09/10 18:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130	1		06/09/10 18:30	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		06/09/10 18:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.6**	%	0.10	1		06/11/10 12:49		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: MPRP/3969 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017

METHOD BLANK: 177788 Matrix: Solid
Associated Lab Samples: 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.50	06/14/10 12:01	

LABORATORY CONTROL SAMPLE: 177789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	48.3	97	80-120	

MATRIX SPIKE SAMPLE: 177791

Parameter	Units	3028586001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	16.8	50.9	60.0	85	80-120	

SAMPLE DUPLICATE: 177790

Parameter	Units	3028586001 Result	Dup Result	RPD	Qualifiers
Lead	mg/kg	16.8	15.8	6	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: MPRP/3986 Analysis Method: EPA 6010B
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3028593018, 3028593019, 3028593020, 3028593021, 3028593022

METHOD BLANK: 178892 Matrix: Solid
Associated Lab Samples: 3028593018, 3028593019, 3028593020, 3028593021, 3028593022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	0.50	06/14/10 01:28	

LABORATORY CONTROL SAMPLE: 178893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	46.5	93	80-120	

MATRIX SPIKE SAMPLE: 178895

Parameter	Units	3028593018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	190	37.9	431	635	80-120	M0

SAMPLE DUPLICATE: 178894

Parameter	Units	3028593018 Result	Dup Result	RPD	Qualifiers
Lead	mg/kg	190	235	21	D6

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: OEXT/5154 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017, 3028593018, 3028593019, 3028593020, 3028593021, 3028593022

METHOD BLANK: 180621 — Matrix: Solid
Associated Lab Samples: 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017, 3028593018, 3028593019, 3028593020, 3028593021, 3028593022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Anthracene	ug/kg	ND	6.7	06/11/10 17:16	
Benzo(a)anthracene	ug/kg	ND	6.7	06/11/10 17:16	
Benzo(a)pyrene	ug/kg	ND	6.7	06/11/10 17:16	
Benzo(b)fluoranthene	ug/kg	ND	6.7	06/11/10 17:16	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	06/11/10 17:16	
Chrysene	ug/kg	ND	6.7	06/11/10 17:16	
Fluorene	ug/kg	ND	6.7	06/11/10 17:16	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	06/11/10 17:16	
Phenanthrene	ug/kg	ND	6.7	06/11/10 17:16	
Pyrene	ug/kg	ND	6.7	06/11/10 17:16	
2-Fluorobiphenyl (S)	%	87	30-115	06/11/10 17:16	
Nitrobenzene-d5 (S)	%	94	23-120	06/11/10 17:16	
Terphenyl-d14 (S)	%	104	18-137	06/11/10 17:16	

LABORATORY CONTROL SAMPLE: 180622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Anthracene	ug/kg	133	99.8	75	70-130	
Benzo(a)anthracene	ug/kg	133	111	83	70-130	
Benzo(a)pyrene	ug/kg	133	117	88	70-130	
Benzo(b)fluoranthene	ug/kg	133	116	87	70-130	
Benzo(g,h,i)perylene	ug/kg	133	126	94	70-130	
Chrysene	ug/kg	133	115	86	70-130	
Fluorene	ug/kg	133	96.8	73	70-130	
Indeno(1,2,3-cd)pyrene	ug/kg	133	123	92	70-130	
Phenanthrene	ug/kg	133	96.7	73	70-130	
Pyrene	ug/kg	133	98.6	74	70-130	
2-Fluorobiphenyl (S)	%			78	30-115	
Nitrobenzene-d5 (S)	%			60	23-120	
Terphenyl-d14 (S)	%			90	18-137	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 180623 180624

Parameter	Units	3028593014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Anthracene	ug/kg	ND	140	141	92.0	93.3	66	66	70-130	1	M0
Benzo(a)anthracene	ug/kg	ND	140	141	100	122	72	86	70-130	19	
Benzo(a)pyrene	ug/kg	ND	140	141	103	126	74	89	70-130	20	

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DIM0223739 DIM0224907

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(724)850-5600

QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 180623 180624

Parameter	Units	3028593014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzo(b)fluoranthene	ug/kg	ND	140	141	103	131	74	93	70-130	23	R1
Benzo(g,h,i)perylene	ug/kg	ND	140	141	107	130	76	92	70-130	20	
Chrysene	ug/kg	ND	140	141	104	127	75	90	70-130	20	
Fluorene	ug/kg	ND	140	141	83.4	85.2	60	60	70-130	2	M0
Indeno(1,2,3-cd)pyrene	ug/kg	ND	140	141	104	127	74	90	70-130	21	R1
Phenanthrene	ug/kg	ND	140	141	86.0	87.8	62	62	70-130	2	M0
Pyrene	ug/kg	ND	140	141	94.0	110	67	78	70-130	16	M0
2-Fluorobiphenyl (S)	%						65	65	70-130		S0
Nitrobenzene-d5 (S)	%						71	73	70-130		
Terphenyl-d14 (S)	%						73	84	70-130		

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: MSV/6119 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-SOIL
Associated Lab Samples: 3028593001, 3028593002, 3028593003, 3028593004, 3028593005, 3028593006, 3028593007, 3028593008, 3028593009, 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017, 3028593018, 3028593019, 3028593020

METHOD BLANK: 180059 Matrix: Solid
Associated Lab Samples: 3028593001, 3028593002, 3028593003, 3028593004, 3028593005, 3028593006, 3028593007, 3028593008, 3028593009, 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017, 3028593018, 3028593019, 3028593020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 23:43	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	06/08/10 23:43	
1,2-Dichloroethane	ug/kg	ND	5.0	06/08/10 23:43	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/08/10 23:43	
Benzene	ug/kg	ND	5.0	06/08/10 23:43	
Ethylbenzene	ug/kg	ND	5.0	06/08/10 23:43	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/08/10 23:43	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/08/10 23:43	
Naphthalene	ug/kg	ND	5.0	06/08/10 23:43	
Toluene	ug/kg	ND	5.0	06/08/10 23:43	
Xylene (Total)	ug/kg	ND	15.0	06/08/10 23:43	
1,2-Dichloroethane-d4 (S)	%	94	70-130	06/08/10 23:43	
4-Bromofluorobenzene (S)	%	97	70-130	06/08/10 23:43	
Toluene-d8 (S)	%	93	70-130	06/08/10 23:43	

LABORATORY CONTROL SAMPLE: 180060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	18.0	90	70-130	
1,2-Dibromoethane (EDB)	ug/kg	20	18.1	91	70-130	
1,2-Dichloroethane	ug/kg	20	17.0	85	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	18.5	92	70-130	
Benzene	ug/kg	20	18.8	94	70-130	
Ethylbenzene	ug/kg	20	18.8	94	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	19.3	97	70-130	
Methyl-tert-butyl ether	ug/kg	20	19.5	98	70-130	
Naphthalene	ug/kg	20	19.0	95	70-130	
Toluene	ug/kg	20	18.5	93	70-130	
Xylene (Total)	ug/kg	60	55.3	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: MSV/6126 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV UST-SOIL
Associated Lab Samples: 3028593021, 3028593022

METHOD BLANK: 180291 | Matrix: Solid
Associated Lab Samples: 3028593021, 3028593022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	06/09/10 12:19	
1,2-Dichloroethane	ug/kg	ND	5.0	06/09/10 12:19	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
Benzene	ug/kg	ND	5.0	06/09/10 12:19	
Ethylbenzene	ug/kg	ND	5.0	06/09/10 12:19	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	06/09/10 12:19	
Methyl-tert-butyl ether	ug/kg	ND	5.0	06/09/10 12:19	
Naphthalene	ug/kg	ND	5.0	06/09/10 12:19	
Toluene	ug/kg	ND	5.0	06/09/10 12:19	
Xylene (Total)	ug/kg	ND	15.0	06/09/10 12:19	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/09/10 12:19	
4-Bromofluorobenzene (S)	%	93	70-130	06/09/10 12:19	
Toluene-d8 (S)	%	92	70-130	06/09/10 12:19	

LABORATORY CONTROL SAMPLE: 180292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	18.0	90	70-130	
1,2-Dibromoethane (EDB)	ug/kg	20	18.3	91	70-130	
1,2-Dichloroethane	ug/kg	20	17.9	90	70-130	
1,3,5-Trimethylbenzene	ug/kg	20	18.5	92	70-130	
Benzene	ug/kg	20	19.3	96	70-130	
Ethylbenzene	ug/kg	20	19.0	95	70-130	
Isopropylbenzene (Cumene)	ug/kg	20	19.1	96	70-130	
Methyl-tert-butyl ether	ug/kg	20	19.1	95	70-130	
Naphthalene	ug/kg	20	17.8	89	70-130	
Toluene	ug/kg	20	18.8	94	70-130	
Xylene (Total)	ug/kg	60	56.2	94	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: PMST/1903 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028593001, 3028593002, 3028593003, 3028593004, 3028593005, 3028593006, 3028593007, 3028593008, 3028593009, 3028593010, 3028593011, 3028593012, 3028593013, 3028593014, 3028593015, 3028593016, 3028593017

SAMPLE DUPLICATE: 181116

Parameter	Units	3028593001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.5	7.4	1	

SAMPLE DUPLICATE: 181117

Parameter	Units	3028593002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.0	5.7	4	

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QUALITY CONTROL DATA

Project: KLG
Pace Project No.: 3028593

QC Batch: PMST/1904 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 3028593018, 3028593019, 3028593020, 3028593021, 3028593022

SAMPLE DUPLICATE: 181154

Parameter	Units	3028593018 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.7	9.1	6	

SAMPLE DUPLICATE: 181155

Parameter	Units	3028593019 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	6.2	8.3	28	1c

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QUALIFIERS

Project: KLG
Pace Project No.: 3028593

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

WORKORDER QUALIFIERS

WO: 3028593

[2] The samples were subcontracted to Summit Environmental, 3310 Win Street, Cuyahoga Falls, OH 44223 for Glycol analysis. Results of the analysis are reported on the Summit Environmental. data tables.

BATCH QUALIFIERS

Batch: MSV/6119

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/6126

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c RPD outside QC limits due to non-homogenous sample.

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028593

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028593010	[redacted]6-P1A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593011	[redacted]6-P1B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593012	[redacted]6-P1C	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593013	[redacted]6-P1D	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593014	[redacted]6-P3A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593015	[redacted]6-P3B	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593016	[redacted]6-P3C	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593017	[redacted]6-P4A	EPA 3050	MPRP/3969	EPA 6010B	ICP/3557
3028593018	[redacted]6-P4B	EPA 3050	MPRP/3986	EPA 6010B	ICP/3571
3028593019	[redacted]6-P4C	EPA 3050	MPRP/3986	EPA 6010B	ICP/3571
3028593020	[redacted]6-P2A	EPA 3050	MPRP/3986	EPA 6010B	ICP/3571
3028593021	[redacted]6-P2B	EPA 3050	MPRP/3986	EPA 6010B	ICP/3571
3028593022	[redacted]6-P2C	EPA 3050	MPRP/3986	EPA 6010B	ICP/3571
3028593010	[redacted]6-P1A	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593011	[redacted]6-P1B	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593012	[redacted]6-P1C	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593013	[redacted]6-P1D	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593014	[redacted]6-P3A	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593015	[redacted]6-P3B	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593016	[redacted]6-P3C	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593017	[redacted]-6-P4A	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593018	[redacted]-6-P4B	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593019	[redacted]-6-P4C	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593020	[redacted]-6-P2A	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593021	[redacted]-6-P2B	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593022	[redacted]-6-P2C	EPA 3546	OEXT/5154	EPA 8270 by SIM	MSSV/2182
3028593001	[redacted]-5-P1A	EPA 8260	MSV/6119		
3028593002	[redacted]-5-P1B	EPA 8260	MSV/6119		
3028593003	[redacted]-5-P2A	EPA 8260	MSV/6119		
3028593004	[redacted]-5-P2B	EPA 8260	MSV/6119		
3028593005	[redacted]-5-P3A	EPA 8260	MSV/6119		
3028593006	[redacted]-5-P3B	EPA 8260	MSV/6119		
3028593007	[redacted]-5-P4A	EPA 8260	MSV/6119		
3028593008	[redacted]-5-P4B	EPA 8260	MSV/6119		
3028593009	[redacted]-5-P2C	EPA 8260	MSV/6119		
3028593010	[redacted]-6-P1A	EPA 8260	MSV/6119		
3028593011	[redacted]-6-P1B	EPA 8260	MSV/6119		
3028593012	[redacted]-6-P1C	EPA 8260	MSV/6119		
3028593013	[redacted]-6-P1D	EPA 8260	MSV/6119		
3028593014	[redacted]-6-P3A	EPA 8260	MSV/6119		
3028593015	[redacted]-6-P3B	EPA 8260	MSV/6119		
3028593016	[redacted]-6-P3C	EPA 8260	MSV/6119		
3028593017	[redacted]-6-P4A	EPA 8260	MSV/6119		
3028593018	[redacted]-6-P4B	EPA 8260	MSV/6119		
3028593019	[redacted]-6-P4C	EPA 8260	MSV/6119		
3028593020	[redacted]-6-P2A	EPA 8260	MSV/6119		
3028593021	[redacted]-6-P2B	EPA 8260	MSV/6126		

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Pace Analytical Services, Inc.
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLG
Pace Project No.: 3028593

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3028593022	[redacted]-6-P2C	EPA 8260	MSV/6126		
3028593001	[redacted]-5-P1A	ASTM D2974-87	PMST/1903		
3028593002	[redacted]-5-P1B	ASTM D2974-87	PMST/1903		
3028593003	[redacted]-5-P2A	ASTM D2974-87	PMST/1903		
3028593004	[redacted]-5-P2B	ASTM D2974-87	PMST/1903		
3028593005	[redacted]-5-P3A	ASTM D2974-87	PMST/1903		
3028593006	[redacted]-5-P3B	ASTM D2974-87	PMST/1903		
3028593007	[redacted]-5-P4A	ASTM D2974-87	PMST/1903		
3028593008	[redacted]-5-P4B	ASTM D2974-87	PMST/1903		
3028593009	[redacted]-5-P2C	ASTM D2974-87	PMST/1903		
3028593010	[redacted]-6-P1A	ASTM D2974-87	PMST/1903		
3028593011	[redacted]-6-P1B	ASTM D2974-87	PMST/1903		
3028593012	[redacted]-6-P1C	ASTM D2974-87	PMST/1903		
3028593013	[redacted]-6-P1D	ASTM D2974-87	PMST/1903		
3028593014	[redacted]-6-P3A	ASTM D2974-87	PMST/1903		
3028593015	[redacted]-6-P3B	ASTM D2974-87	PMST/1903		
3028593016	[redacted]-6-P3C	ASTM D2974-87	PMST/1903		
3028593017	[redacted]-6-P4A	ASTM D2974-87	PMST/1903		
3028593018	[redacted]-6-P4B	ASTM D2974-87	PMST/1904		
3028593019	[redacted]-6-P4C	ASTM D2974-87	PMST/1904		
3028593020	[redacted]-6-P2A	ASTM D2974-87	PMST/1904		
3028593021	[redacted]-6-P2B	ASTM D2974-87	PMST/1904		
3028593022	[redacted]-6-P2C	ASTM D2974-87	PMST/1904		

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ACCREDITED IN ACCORDANCE WITH nelac

CABOT-EPA 005522

DIM0223739 DIM0224915

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:
Company: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Email To: James-Pinta@URSCorp.com
Phone: 412-503-4002 Fax:
Requested Due Date/TAT: 2 Week

Section B Required Project Information:
Report To: James_Pinta@URSCorp.com
Copy To: Mark-Hdsing@URSCorp.com
Andy_Mehalko@URSCorp.com
Purchase Order No.:
Project Name: KLQ
Project Number: 38438654.00001

Section C Invoice Information:
Attention: Thomas_Mersk@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

Page: of
1361255

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER
Site Location STATE:

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VOCs	SVOCs + TICs	Ethylene Glycol	Lead	Glycols	PA Short List Direct	PA Short List Prep Method	Glycol					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]5-P1A	SL	G			5-27-10	0805		5	3					2	1			X	X				X								001
2	[redacted]5-P1B						0806		5	3					2	1			X	X				X								002
3	[redacted]5-P2A						0809		5	3					2	1			X	X				X								003
4	[redacted]5-P2B						0810		5	3					2	1			X	X				X								004
5	[redacted]5-P3A						0824		5	3					2	1			X	X				X								005
6	[redacted]5-P3B						0825		5	3					2	1			X	X				X								006
7	[redacted]5-P4A						0835		5	3					2	1			X	X				X								007
8	[redacted]5-P4B						0836		5	3					2	1			X	X				X								008
9	[redacted]5-P2C						0822		5	3					2	1			X	X				X								009
10	[redacted]6-P1A						1024		6	3					2	1			X	X	X	X			X	X						010
11	[redacted]-6-P1B						1030		6	3					2	1			X	X	X	X			X	X						011
12	[redacted]-6-P1C						1035		6	3					2	1			X	X	X	X			X	X						012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[signature] / URS	5-27-10	1750	[signature]	5/27/10	1757	10.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Amanda Bayne
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/27/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1361254

Section A Required Client Information:

Company: URS Corp
Address: 501 Holiday Drive Pittsburgh, PA 15220
Email To: James_Pinto@URSCorp.com
Phone: 412-503-4062
Requested Due Date/TAT: 2 Week

Section B Required Project Information:

Report To: James_Pinto@URSCorp.com
Copy To: Mark_Holsing@URSCorp.com
Andy_Mehalko@URSCorp.com
Purchase Order No.:
Project Name: KLG
Project Number: 39139654.00001

Section C Invoice Information:

Attention: Thomas_Merski@URSCorp.com
Company Name: URS Corp
Address: 501 Holiday Drive Pittsburgh, PA 15220
Pace Quote Reference:
Pace Project Manager: Tim Reed
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) PA Short list Rev Phenol	Gly Col	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 3028593
1	[redacted]6-P1D	SL	G			5-27-10	1035		6	3				2	1			X	X		013
2	[redacted]6-P3A						1049		6	3				2	1			X	X		014
3	[redacted]6-P3B						1050		6	3				2	1			X	X		015
4	[redacted]6-P3C						1054		6	3				2	1			X	X		016
5	[redacted]6-P4A						1102		6	3				2	1			X	X		017
6	[redacted]6-P4B						1103		6	3				2	1			X	X		018
7	[redacted]6-P4C						1107		6	3				2	1			X	X		019
8	[redacted]6-P2A						1115		6	3				2	1			X	X		020
9	[redacted]6-P2B						1117		6	3				2	1			X	X		021
10	[redacted]6-P2C						1120		6	3				2	1			X	X		022
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] URS	5-27-10	1750	[signature]	5/27/10	1757	100	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Amanda Bayne
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/27/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Mar-07

CABOT-EPA 005524

DIM0223739 DIM0224917

Sample Condition Upon Receipt

Pace Analytical

Client Name: URS

Project # 30288593

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☑ Other Bag

Thermometer Used 3 5 Type of Ice: Wet Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 10.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-28-10

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SC		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Jim Pinta Date/Time: 6/1/10 12:10

Comments/ Resolution:

Notified client of high receipt temperature.

Project Manager Review: Rachel B Christian **Date:** 6/1/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-ALLC003-4 23Feb2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Pace Analytical
1638 Roseytown Road
Greensburg, PA 15601

Order Number
1008144

Project Number
N/A

Issued
Wednesday, June 09, 2010

Total Number of Pages
5 (excluding C.O.C. and cooler receipt form)

Approved By :
QA Manager

NELAC Accreditation #E87688

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3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

Sample Summary

Client: Pace Analytical
Order Number: 1008144

Laboratory ID	Client ID	Matrix	Sampling Date
1008144-01	3028593010	Solid	5/27/2010
1008144-02	3028593011	Solid	5/27/2010
1008144-03	3028593012	Solid	5/27/2010
1008144-04	3028593013	Solid	5/27/2010
1008144-05	3028593014	Solid	5/27/2010
1008144-06	3028593015	Solid	5/27/2010
1008144-07	3028593016	Solid	5/27/2010
1008144-08	3028593017	Solid	5/27/2010
1008144-09	3028593018	Solid	5/27/2010
1008144-10	3028593019	Solid	5/27/2010
1008144-11	3028593020	Solid	5/27/2010
1008144-12	3028593021	Solid	5/27/2010
1008144-13	3028593022	Solid	5/27/2010

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Pace Analytical
Order Number: 1008144

Solid sample results are reported on a wet weight basis except as noted.
No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 6/2/2010
Project #: N/A

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028593010	1008144-01	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593011	1008144-02	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593012	1008144-03	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593013	1008144-04	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593014	1008144-05	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593015	1008144-06	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593016	1008144-07	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593017	1008144-08	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593018	1008144-09	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593019	1008144-10	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN
3028593020	1008144-11	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

June 09, 2010

Client: Pace Analytical
Address: 1638 Roseytown Road
Greensburg, PA 15601

Received: 6/2/2010
Project #: N/A

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028593021	1008144-12	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
3028593022	1008144-13	27-May-10	Ethylene glycol	ND	mg/kg	S	8015	1	10	08-Jun-10	JBN

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Web Site: www.settek.com

Chain of Custody

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.: _____
P.O. No: ASR- 3028593

Request Date: 6/1/10 Analysis Due Date: 6/14/2010
Shipped By: Fed Ex

Certification Required: PA Cert

Pace Project No.: 3028593
Report/Invoice to: Tim Reed

Page 1 of 2

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028593010	SL	5/27/10	10:24	Ethelyne Glycol	8015		
2	3028593011	SL	5/27/10	10:30	Ethelyne Glycol	8015		
3	3028593012	SL	5/27/10	10:33	Ethelyne Glycol	8015		
4	3028593013	SL	5/27/10	10:35	Ethelyne Glycol	8015		
5	3028593014	SL	5/27/10	10:49	Ethelyne Glycol	8015		
6	3028593015	SL	5/27/10	10:50	Ethelyne Glycol	8015		
7	3028593016	SL	5/27/10	10:54	Ethelyne Glycol	8015		
8	3028593017	SL	5/27/10	11:02	Ethelyne Glycol	8015		
9	3028593018	SL	5/27/10	11:03	Ethelyne Glycol	8015		
10	3028593019	SL	5/27/10	11:07	Ethelyne Glycol	8015		
11	3028593020	SL	5/27/10	11:15	Ethelyne Glycol	8015		
12	3028593021	SL	5/27/10	11:17	Ethelyne Glycol	8015		

Special Requirements: 1008144-01-13

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: _____
Pace Agent Name Title

Acceptance of Terms By: _____
Subcontract Lab Agent Title

Relinquised By: _____ 6/10/10
(Signature & Affiliation) (Date) (Time)

Received By: _____ 6/2/10 10:30
(Signature & Affiliation) (Date) (Time)

Relinquised By: _____
(Signature & Affiliation) (Date) (Time)

Received By: _____
(Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005531

DIM0223739 DIM0224924

Chain of Custody

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Subcontractor Project No.:
P.O. No: ASR- 3028593

Request Date: 6/1/10 Analysis Due Date: 6/14/2010
Shipped By: Fed Ex

Certification Required: PA Cert

Pace Project No.: 3028593
Report/Invoice to: Tim Reed

Page 2 of 2

	Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Detection Limits:	Units Requested:
1	3028593022	SL	5/27/10	11:20	Ethelyne Glycol	8015		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Special Requirements: 1008144-01-13

Subcontract Lab: Summit Environmental Technolgies, Inc.
Address: 3310 Win Street
Cuyahoga Falls, OH 44223
Phone: 330-253-8211

Analysis Authorized By: Pace Agent Name Title
Acceptance of Terms By: Subcontract Lab Agent Title

Relinquised By: (Signature & Affiliation) 6/7/10 (Date) (Time)
Relinquised By: (Signature & Affiliation) (Date) (Time)

Received By: (Signature & Affiliation) 6/2/10 10:30 (Date) (Time)
Received By: (Signature & Affiliation) (Date) (Time)

Comments:

ASR (C015-0 31July2007)

CABOT-EPA 005532

Summit Environmental Technologies, Inc.
Cooler Receipt Form

Client: Pace Analytical Order Number: 1008144

Date Received: 6/2/10 Time Received: 10:30

Number of Coolers/Boxes: 1 N/A

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other:

Packaging: Peanuts Bubble Wrap Paper Foam None Other:

Tape on cooler/box:	Y	N	N/A
Custody Seals intact	Y	N	N/A
C-O-C in plastic	Y	N	N/A
Ice X Blue ice	present / absent / melted		N/A
Sample Temperature	4.8 °C		N/A
C-O-C filled out properly	Y	N	N/A
Samples in separate bags	Y	N	N/A
Sample containers intact*	Y	N	N/A

*If no, list broken sample(s):

Sample label(s) complete (ID, date, etc.)	Y	N	N/A
Label(s) agree with C-O-C	Y	N	N/A
Correct containers used	Y	N	N/A
Sufficient sample received	Y	N	N/A
Bubbles absent from 40 mL vials**	Y	N	N/A

** Samples with bubbles less than the size of a pea are acceptable.

Was client contacted about samples	Y	N
Will client send new samples	Y	N

Client contact:

Date/Time:

Logged in by:

Comments:

Rev. 6

Table 2
Analytical Results for Residential Samples
[redacted] 1 Wellsite
Springville Township
Susquehanna County, PA

SAMPLE IDENTIFICATION		[redacted]H & 2H DRILLING FLUID	[redacted] House Well	[redacted] DRINKING WATER	[redacted] DRINKING WATER	[redacted] WELL	[redacted] HOUSE SPRING KITCHEN	#4[redacted] Spring House	#1[redacted]	#6[redacted]	[redacted] DRINKING WATER	#3[redacted]	[redacted] DRINKING WATER
SAMPLING DATE		09/17/08	10/17/08	06/13/08	06/13/08	06/24/08	09/19/08	10/16/08	10/16/08	10/16/08	06/13/08	10/16/08	06/13/08
PARAMETER	UNITS												
Total Metal Analyses (6010B/7470)													
Aluminum, Total	mg/L	57	ND (0.050)[3]	--[4]	--	--	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	--
Antimony, Total	mg/L	0.1	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Arsenic, Total	mg/L	0.18	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Barium, Total	mg/L	21	0.072	--	--	--	0.23	0.17	0.17	0.16	--	0.16	--
Beryllium, Total	mg/L	0.0032	ND (0.0010)	--	--	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	--
Boron, Total	mg/L	0.64	ND (0.050)	--	--	--	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	--
Cadmium, Total	mg/L	0.0051	ND (0.0010)	--	--	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	--
Chromium III	mg/L	0.23	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Chromium IV	mg/L	--	--	--	--	--	ND (0.01)	--	--	--	--	--	--
Cobalt, Total	mg/L	0.046	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Copper, Total	mg/L	1.1	ND (0.0050)	--	--	--	0.015	ND (0.0050)	0.023	0.0074	--	0.0087	--
Iron, Total	mg/L	58	ND (0.050)	--	--	ND (0.05)	0.079	0.054	ND (0.050)	0.052	--	0.057	--
Lead, Total	mg/L	1.7	ND (0.0020)	--	--	--	ND (0.0020)	ND (0.0020)	ND (0.0020)	ND (0.0020)	--	ND (0.0020)	--
Magnesium, Total	mg/L	14	4.3	--	--	2.44	5.4	4.4	4.4	4.3	--	4.3	--
Manganese, Total	mg/L	2	ND (0.0050)	--	--	--	0.53	0.14	0.1	0.11	--	0.1	--
Mercury, Total	mg/L	ND (0.0005)	ND (0.00020)	--	--	--	ND (0.00020)	ND (0.00020)	ND (0.00020)	ND (0.00020)	--	ND (0.00020)	--
Molybdenum, Total	mg/L	0.59	ND (0.010)	--	--	--	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	--
Nickel, Total	mg/L	0.27	ND (0.010)	--	--	--	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	--
Potassium, Total	mg/L	4,000	1.3	--	--	--	8.5	6.4	6.2	6	--	5.9	--
Selenium, Total	mg/L	0.039	0.0073	--	--	--	ND (0.0050)	ND (0.0050)	0.0054	0.0057	--	ND (0.0050)	--
Silver, Total	mg/L	0.0032	ND (0.0010)	--	--	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	--
Sodium, Total	mg/L	16000	9.6	--	--	--	71	49	48	46	--	46	--
Strontium, Total	mg/L	9	0.66	--	--	--	0.11	0.082	0.079	0.078	--	0.077	--
Thallium, Total	mg/L	ND (0.010)	ND (0.010)	--	--	--	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	--
Tin, Total	mg/L	ND (0.050)	ND (0.050)	--	--	--	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	--
Titanium, Total	mg/L	0.41	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Zinc, Total	mg/L	0.43	ND (0.010)	--	--	--	ND (0.010)	ND (0.010)	0.015	ND (0.010)	--	ND (0.010)	--
Dissolved Metals Analysis (6010B)													
Barium, Dissolved	mg/L	2.4	0.18	--	--	--	0.23	0.16	0.18	0.15	--	0.16	--
Iron, Dissolved	mg/L	1.1	ND (0.050)	--	--	--	0.063	0.075	0.058	0.061	--	ND (0.050)	--
BIOLOGICAL													

7 2

Analytical Results for Residential Samples

[redacted] 1 Wellsite

Springville Township

Susquehanna County, PA

SAMPLE IDENTIFICATION		[redacted]H & 2H DRILLING FLUID	[redacted] House Well	[redacted] DRINKING WATER	[redacted] DRINKING WATER	[redacted] WELL	[redacted] HOUSE SPRING KITCHEN	#4[redacted] Spring House	#1[redacted]	#6[redacted]	[redacted] DRINKING WATER	#3[redacted]	[redacted] DRINKING WATER
SAMPLING DATE		09/17/08	10/17/08	06/13/08	06/13/08	06/24/08	09/19/08	10/16/08	10/16/08	10/16/08	06/13/08	10/16/08	06/13/08
PARAMETER	UNITS												
BOD_5 (SM_{20} 5210 B)	mg/L	669	ND (2.00)	--	--	--	ND (2.00)	ND (2.00)	ND (2.00)	ND (2.00)	--	ND (2.00)	--
Fecal Coliform (SM_{20} 9222D / SM 9222D)	cfu/100 ml	5,760	4	--	--	5	400	27	20	38	--	30	--

Table 2
Analytical Results for Residential Samples
[redacted] 1 Wellsite
Springville Township
Susquehanna County, PA

SAMPLE IDENTIFICATION		[redacted]H & 2H DRILLING FLUID	[redacted] House Well	[redacted] DRINKING WATER	[redacted] DRINKING WATER	[redacted] WELL	[redacted] HOUSE SPRING KITCHEN	#4[redacted] Spring House	#1[redacted]	#6[redacted]	[redacted] DRINKING WATER	#3[redacted]	[redacted] DRINKING WATER
SAMPLING DATE		09/17/08	10/17/08	06/13/08	06/13/08	06/24/08	09/19/08	10/16/08	10/16/08	10/16/08	06/13/08	10/16/08	06/13/08
PARAMETER	**UNITS**												
GENERAL WATER QUALITY													
Nitrogen, Ammonia (Ammonia as N, SM_{20} 4500 NH_3 D / EPA 350.1)	mg/L	5.57	ND (0.50)	--	--	--	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	--	ND (0.50)	--
Bromide (EPA 300.0)	mg/L	101	--	--	--	--	ND (2.5)	--	--	--	--	--	--
Chloride (ASTM D512-89(99)C / SM 4500-Cl-E)	mg/L	14,650	103	--	--	15.8	245	92.6	112	101	--	89.8	--
COD (SM_{20} 5220 D)	mg/L	7,717	ND (10)	--	--	--	7	ND (10)	ND (10)	ND (10)	--	ND (10)	--
Color (SM_{20} 2120 C)	C.U.	70	ND (10)	--	--	--	ND (1.0)	ND (10)	ND (10)	ND (10)	--	ND (10)	--
Cyanide, free (SM_{20} 4500 CN-I)	mg/L	0.0085	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	0.0055	--	ND (0.0050)	--
Cyanide, total (EPA 335.4)	mg/L	0.033	ND (0.0050)	--	--	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	--
Alkalinity, Total as $CaCO_3$ (Hardness, SM_{20} 2340 C / SM 2320B)	mg/L	550	84	--	--	--	120	90	96	82	--	100	--
Fluoride (SM_{20} 4500 F-C)	mg/L	ND (1.00)	ND (1.00)	--	--	--	ND (1.00)	ND (1.00)	ND (1.00)	ND (1.00)	--	ND (1.00)	--
Nitrate as N (SM_{20} 4500 NO_3 D)	mg/L	29.5	1.4200	--	--	--	4.22	3.51	3.55	3.72	--	3.63	--
Nitrite as N (SM_{20} 4500 NO_2 B)	mg/L	1.34	ND (0.010)	--	--	--	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	--
pH (SM_{20} 4500 N* B / SM 4500-H+B)	S.U.	9.08	6.59	--	--	7.6	6.07	6.3	5.76	5.8	--	5.84	--
Phosphorous as P (SM_{20} 4500 P-E)	mg/L	5.74	ND (0.02)	--	--	--	ND (0.05)	ND (0.02)	ND (0.02)	ND (0.02)	--	ND (0.02)	--
Sulfate (ASTM D516-90,02)	mg/L	14	15	--	--	--	14	16	14	16	--	16	--
Sulfide (EPA 376.1)	mg/L	1	ND (1.0)	--	--	ND (0.05)	ND (1)	ND (1.0)	1.4	ND (1.0)	--	ND (1.0)	--
Sulfite EPA 377.1)	mg/L	ND (2.0)	ND (2.0)	--	--	--	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	--	ND (2.0)	--
Surfactants (MBAS, SM_{20} 5540 C / 425.1)	mg/L	0.245	ND (0.020)	ND (0.020)	ND (0.020)	0.42	0.03	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
Temperature (SM 255D)	°C	--	--	--	--	15.5	--	--	--	--	--	--	--
Total Dissolved Solids (TDS, SM_{20} 2540 C / SM 2540C)	mg/L	25,144	--	--	--	130	467	--	--	--	--	--	--
TKN (SM_{20} 4500 N-C)	mg/L	510	ND (1.00)	--	--	--	ND (1.00)	ND (1.00)	ND (1.00)	ND (1.00)	--	ND (1.00)	--
Total Suspended Solids (TSS, SM_{20} 2540 D / I376585)	mg/L	1,367	--	--	--	ND (5)	3.2	--	--	--	--	--	--
Phenols, total (EPA 420.1)	mg/L	ND (0.050)	ND (0.050)	--	--	--	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	--
TOC (SM_{20} 5310 C)	mg/L	400	ND (1.0)	--	--	--	11	3.2	3.2	3.1	--	3	--
Oil & Grease (EPA 1664A)	mg/L	5.2	ND (10.0)	--	--	ND (5)	ND (5.0)	ND (10.0)	ND (10.0)	ND (10.0)	--	ND (10.0)	--
VOCs (8260B)													
Benzene	mg/L	--	--	--	--	ND (0.002)	--	--	--	--	--	--	--
Ethylbenzene	mg/L	--	--	--	--	ND (0.002)	--	--	--	--	--	--	--
Toluene	mg/L	--	--	--	--	ND (0.002)	--	--	--	--	--	--	--
Total Xylenes	mg/L	--	--	--	--	ND (0.010)	--	--	--	--	--	--	--
MTBE	mg/L	--	--	--	--	ND (0.002)	--	--	--	--	--	--	--

Notes:

2

Analytical Results for Residential Samples

[redacted] 1 Wellsite

Springville Township

Susquehanna County, PA

SAMPLE IDENTIFICATION	[redacted]1H & 2H DRILLING FLUID	[redacted] House Well	[redacted] DRINKING WATER	[redacted] DRINKING WATER	[redacted] WELL	[redacted] HOUSE SPRING KITCHEN	#4[redacted] Spring House	#1[redacted]	#6[redacted]	[redacted] DRINKING WATER	#3[redacted]	[redacted] DRINKING WATER
SAMPLING DATE	09/17/08	10/17/08	06/13/08	06/13/08	06/24/08	09/19/08	10/15/08	10/16/08	10/16/08	06/13/08	10/16/08	06/13/08
PARAMETER / UNITS												

[1] Statewide Health Standard Residential, Used Aquifer (TDS ≤2,500 mg/L) Medium-Specific Concentrations (25 PA Code Chapter 250, Appendix A, Tables 1 and 2).

[2] US EPA Primary Federal Maximum Contaminant Level (MCL); Secondary MCL applied when primary MCL not available.

[3] ND (0.050) = Parameter not detected at the detection limit specified in parentheses.

[4] '--' = Not Analyzed

[5] No Standard

[6] Too Numerous To Count (TNTC)

[7] MCL Goal (MCLG)

2 = Results exceed 25 PA Code Chapter 250, Appendix A Residential Statewide Health Standards

5.8 = Result exceeds the US EPA MCL or SMCL.

Table 2
Analytical Results for Residential Samples
[redacted] 1 Wellsite
Springville Township
Susquehanna County, PA

SAMPLE IDENTIFICATION		#2 Mark [redacted]	[redacted] WELL	KITCHEN SPRING	#5 [redacted] Spring House	#7 [redacted] Noble	[redacted] DRINKING WATER	#8 [redacted]	MSC[1]	MCL[2]
SAMPLING DATE		10/16/08	06/16/08	09/19/08	10/17/08	10/16/08	06/13/08	10/16/08	Residential Used Aquifer TDS ≤2,500	Drinking Water Standard
PARAMETER	UNITS									
Total Metal Analyses (6010B/7470)										
Aluminum, Total	mg/L	ND (0.050)	--	0.23	ND (0.050)	ND (0.050)	--	ND (0.050)	NS[5]	NS
Antimony, Total	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Arsenic, Total	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Barium, Total	mg/L	0.16	--	0.11	0.18	0.18	--	0.18	NS	NS
Beryllium, Total	mg/L	ND (0.0010)	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	NS	NS
Boron, Total	mg/L	ND (0.050)	--	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	NS	NS
Cadmium, Total	mg/L	ND (0.0010)	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	NS	NS
Chromiun III	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Chromium IV	mg/L	--	--	ND (0.01)	--	--	--	--	NS	NS
Cobalt, Total	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Copper, Total	mg/L	0.014	--	0.03	0.034	0.036	--	0.036	NS	NS
Iron, Total	mg/L	ND (0.050)	ND (0.05)	0.1	0.07	ND (0.050)	--	ND (0.050)	NS	NS
Lead, Total	mg/L	0.0024	--	ND (0.0020)	ND (0.0020)	0.0033	--	0.0027	NS	NS
Magnesium, Total	mg/L	4.4	2.81	3.2	5.6	5.6	--	5.7	NS	NS
Manganese, Total	mg/L	0.093	--	0.0096	0.011	0.01	--	0.01	NS	NS
Mercury, Total	mg/L	ND (0.00020)	--	ND (0.00020)	ND (0.00020)	ND (0.00050)	--	ND (0.00020)	NS	NS
Molybdenum, Total	mg/L	ND (0.010)	--	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	NS	NS
Nickel, Total	mg/L	ND (0.010)	--	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	NS	NS
Potassium, Total	mg/L	6.1	--	1.3	1.7	1.6	--	1.6	NS	NS
Selenium, Total	mg/L	0.0056	--	0.0057	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Silver, Total	mg/L	ND (0.0010)	--	ND (0.0010)	ND (0.0010)	ND (0.0010)	--	ND (0.0010)	NS	NS
Sodium, Total	mg/L	47	--	27	46	44	--	46	NS	NS
Strontium, Total	mg/L	0.079	--	0.059	0.1	0.1	--	0.1	NS	NS
Thallium, Total	mg/L	ND (0.010)	--	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	NS	NS
Tin, Total	mg/L	ND (0.050)	--	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	NS	NS
Titanium, Total	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Zinc, Total	mg/L	0.011	--	0.019	ND (0.010)	0.033	--	0.033	NS	NS
Dissolved Metals Analysis (6010B)										
Barium, Dissolved	mg/L	0.15	--	--	0.18	0.18	--	0.16	2	2
Iron, Dissolved	mg/L	0.052	--	--	ND (0.050)	ND (0.050)	--	ND (0.050)	NS	300
BIOLOGICAL										

2

Analytical Results for Residential Samples

[redacted] 1 Wellsite

Springville Township

Susquehanna County, PA

SAMPLE IDENTIFICATION		#2 [redacted]	[redacted] WELL	[redacted] KITCHEN SPRING	#5 [redacted] Spring House	#7 [redacted] Noble	[redacted] DRINKING WATER	#8 [redacted]	MSC[1]	MCL[2]
SAMPLING DATE		10/16/08	06/16/08	09/19/08	10/17/08	10/16/08	06/13/08	10/16/08	Residential Used Aquifer TDS ≤2,500	Drinking Water Standard
PARAMETER	UNITS									
BOD_5 (SM_{20} 5210 B)	mg/L	ND (2.00)	--	ND (2.00)	ND (2.00)	ND (2.00)	--	ND (2.00)	NS	NS
Fecal Coliform (SM_{20} 9222D / SM 9222D)	cfu/100 ml	12	10	416	TNTC[6]	TNTC	--	37	NS	0[7]

Table 2
Analytical Results for Residential Samples
[redacted] 1 Wellsite
Springville Township
Susquehanna County, PA

SAMPLE IDENTIFICATION		#2 [redacted]	[redacted] WELL	[redacted] KITCHEN SPRING	#5 [redacted] Spring House	#7 [redacted]	[redacted] DRINKING WATER	#8 [redacted]	MSC[1]	MCL[2]
SAMPLING DATE		10/16/08	06/16/08	09/19/08	10/17/08	10/16/08	06/13/08	10/16/08	Residential Used Aquifer TDS ≤2,500	Drinking Water Standard
PARAMETER	UNITS									
GENERAL WATER QUALITY										
Nitrogen, Ammonia (Ammonia as N, SM_{20} 4500 NH_3 D / EPA 350.1)	mg/L	ND (0.50)	--	ND (0.50)	ND (0.50)	ND (0.50)	--	ND (0.50)	30	NS
Bromide (EPA 300.0)	mg/L	--	--	ND (2.5)	--	--	--	--	NS	NS
Chloride (ASTM D512-89(99)C / SM 4500-Cl-E)	mg/L	103	50.7	93.4	123	118	--	99.2	NS	250
COD (SM_{20} 5220 D)	mg/L	ND (10)	--	4	ND (10)	ND (10)	--	ND (10)	NS	NS
Color (SM_{20} 2120 C)	C.U.	ND (10)	--	ND (1.0)	ND (10)	ND (10)	--	ND (10)	15	NS
Cyanide, free (SM_{20} 4500 CN-I)	mg/L	ND (0.0050)	--	ND (0.0050)	0.0069	ND (0.0050)	--	0.0054	0.2	0.2
Cyanide, total (EPA 335.4)	mg/L	ND (0.0050)	--	ND (0.0050)	ND (0.0050)	ND (0.0050)	--	ND (0.0050)	NS	NS
Alkalinity, Total as $CaCO_3$ (Hardness, SM_{20} 2340 C / SM 2320B)	mg/L	98	--	70	126	98	--	86	NS	NS
Fluoride (SM_{20} 4500 F-C)	mg/L	ND (1.00)	--	ND (1.00)	ND (1.00)	ND (1.00)	--	ND (1.00)	2	4
Nitrate as N (SM_{20} 4500 NO_3 D)	mg/L	3.39	--	1.00	1.90	2.00	--	3.37	10	10
Nitrite as N (SM_{20} 4500 NO_2 B)	mg/L	ND (0.010)	--	ND (0.010)	ND (0.010)	ND (0.010)	--	ND (0.010)	1	1
pH (SM_{20} 4500 N* B / SM 4500-H+B)	S.U.	5.84	6.0	6.15	5.57	6.22	--	6.21	6.5 - 8.5	6.5-8.5
Phosphorous as P (SM_{20} 4500 P-E)	mg/L	ND (0.02)	--	ND (0.05)	ND (0.02)	ND (0.02)	--	ND (0.02)	NS	NS
Sulfate (ASTM D516-90,02)	mg/L	15	--	14	12	11	--	16	500	NS
Sulfide (EPA 376.1)	mg/L	ND (1.0)	ND (0.05)	ND (1)	ND (1.0)	ND (1.0)	--	ND (1.0)	NS	NS
Sulfite EPA 377.1)	mg/L	ND (2.0)	--	ND (2.0)	ND (2.0)	ND (2.0)	--	ND (2.0)	NS	NS
Surfactants (MBAS, SM_{20} 5540 C / 425.1)	mg/L	ND (0.020)	ND (0.05)	0.03	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)	NS	NS
Temperature (SM 255D)	°C	--	18.1	--	--	--	--	--	NS	NS
Total Dissolved Solids (TDS, SM_{20} 2540 C / SM 2540C)	mg/L		155	245		--	--	--	500	500
TKN (SM_{20} 4500 N-C)	mg/L	ND (1.00)	--	ND (1.00)	ND (1.00)	ND (1.00)	--	ND (1.00)	NS	NS
Total Suspended Solids (TSS, SM_{20} 2540 D / I376585)	mg/L	--	ND (5)	5.3	--	--	--	--	NS	NS
Phenols, total (EPA 420.1)	mg/L	ND (0.050)	--	ND (0.050)	ND (0.050)	ND (0.050)	--	ND (0.050)	50	NS
TOC (SM_{20} 5310 C)	mg/L	3.1	--	1.2	ND (1.0)	ND (1.0)	--	3.6	NS	NS
Oil & Grease (EPA 1664A)	mg/L	ND (10.0)	ND (5)	ND (5.0)	ND (10.0)	ND (10.0)	--	ND (10.0)	NS	NS
VOCs (82608)										
Benzene	mg/L	--	ND (0.002)	--	--	--	--	--	0.005	0.005
Ethylbenzene	mg/L	--	ND (0.002)	--	--	--	--	--	0.7	0.7
Toluene	mg/L	--	ND (0.002)	--	--	--	--	--	1	1
Total Xylenes	mg/L	--	ND (0.010)	--	--	--	--	--	10	10
MTBE	mg/L	--	ND (0.002)	--	--	--	--	--	0.02	NS

Notes:

1 2

Analytical Results for Residential Samples

[redacted] 1 Wellsite

Springville Township

Susquehanna County, PA

SAMPLE IDENTIFICATION	#2 [redacted]	[redacted] WELL	[redacted] KITCHEN SPRING	#5 [redacted] Spring House	#7 [redacted]	[redacted] DRINKING WATER	#8 [redacted]	MSC[1]	MCL[2]
SAMPLING DATE	10/16/08	06/16/08	09/19/08	10/17/08	10/16/08	06/13/08	10/16/08	Residential Used Aquifer TDS ≤2,500	Drinking Water Standard
PARAMETER / UNITS									

[1] Statewide Health Standard Residential, Used Aquifer (TDS ≤2,500 mg/L) Mediu

[2] US EPA Primary Federal Maximum Contaminant Level (MCL); Secondary MCL a

[3] ND (0.050) = Parameter not detected at the detection limit specified in parenth

[4] '--' = Not Analyzed

[5] No Standard

[6] Too Numerous To Count (TNTC)

[7] MCL Goal (MCLG)

2 = Results exceed 25 PA Code Chapter 250, Appendix A Residential Statew

5.8 = Result exceeds the US EPA MCL or SMCL.

APPENDIX E

Soil Test Boring Logs

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 1

Client: Cabot Oil & Gas

Location: Dimock PA

Boring : [redacted] 1 B-1

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Red-brown SILT, (decomposed shale)	1	4	GP			
2		***SANDSTONE*** Light gray SANDSTONE, (weathered), dry. Refusal at 2.5'.	3					sample B-1 at 2-2.5'
		End of Log						

4 6 8 10 12 14 ft; 2 4 m

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 1
Client: Cabot Oil & Gas
Location: Dimock PA

Boring : [redacted] 1 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown/red-brown SILT, (decomposed shale), dry, few sandstone fragments.	1	4	GP			sample B-2 at 2-2.5'
2		***SANDSTONE*** Light gray SANDSTONE, dry. Refusal at 3.0'	3					
		End of Log						

0 2 4 6 8 10 12 14 (ft); 0 2 4 (m)

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted]
Client: Cabot Oil & Gas
Location: Springville PA
Boring : [redacted] B-1
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT, some large rocks, (fill)	1					
		COBBLES Light gray sandstone COBBLES, dry.	2	4	GP			
2		***SILT*** Brown SILT, trace fine sand, trace clay, damp to moist	4					
4		***SILT*** Brown SILT, hard, brown sandstone cobbles at 4.5', increasing sand with depth.	8	4	GP			
6 / 2								
8		***COBBLES*** Brown sandstone COBBLES and silt with fine sand. Refusal at 13.5'.		4	GP			sample B-1 at 11.5'
10								
12 / 4			14					
14		End of Log						

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches
Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck
Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted]
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***SILT*** Brown SILT, trace sandstone cobbles, sand and clay, damp, (fill).		4	GP			
4			6	4	GP			
6 / 2		***SILT*** Red-brown clayey SILT, (decomposed shale), damp. End of boring at 12.0'.		4	GP			
8								
10				4	GP			sample B-2 at 10.5-11.5'
			12					wet at 11.5'
12 / 4		End of Log						
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 1

Client: Cabot Oil & Gas

Location: Springville PA

Boring : [redacted] 1 B-1

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***SILT*** Brown sandy SILT with sandstone fragments, dry.	3	4	GP			
4		***SAND*** Brown SAND, moist. Refusal at 10.0'.						
6 / 2				4	GP			
8				2	GP			sample B-1 at 9-10'
10			10					
10		End of Log						
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 1
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 1 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***SILT*** Brown clayey SILT with sandstone fragments, moist. Refusal at 10.0'.		4	GP			
4								
6 / 2				3.3	GP			wet at 6.5' (more sandy)
8			8					sample B-2 at 7-8'
		End of Log						
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 2
Client: Cabot Oil & Gas
Location: Springville PA
Boring : [redacted] 2 B-1
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown clayey SILT, moist, trace fine sand.	1	2	GP			sample B-1 at 1-2'
2		***SANDSTONE*** Light gray SANDSTONE, dry. Refusal at 2.0'.	2					
		End of Log						

ft: 0, 2, 4, 6, 8, 10, 12, 14
m: 0, 2, 4

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches
Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck
Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 2
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 2 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT	1	2	GP			sample B-2 at 1-2'
2		*SANDSTONE* Light gray decomposed SANDSTONE, dry. Refusal at 2.0'.	2					
		End of Log						

ft: 0, 2, 4, 6, 8, 10, 12, 14
m: 0, 2, 4

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

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Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 5

Client: Cabot Oil & Gas

Location: Springville PA

Boring : [redacted] 5 B-1

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Red-brown SILT, (decomposed shale), dry to moist. Refusal at 6.0'		4	GP			sample B-1 at 5-6'
6 / 2		End of Log	6					
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

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URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 5
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 5 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***SILT*** Red-brown SILT, (decomposed shale), moist, trace sandstone fragments. Very moist at 7' (not wet). Refusal at 8.0'.		3	GP			
4								
6 / 2				3	GP			sample B-2 at 7-8'
8			8					
		End of Log						
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

CABOT-EPA 005552

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 5
Client: Cabot Oil & Gas
Location: Springville PA
Boring : [redacted] 5 B-3
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***SILT*** Red-brown sandy SILT (decomposed shale), dry to moist. Refusal at 10.0'.		3	GP			
4								
6 / 2				2	GP			sample B-3 at 9-10'
8				2	GP			
10			10					
12 / 4		End of Log						
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches
Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck
Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 5
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 5 B-4
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		GRAVEL Gray gravel (fill for pad)	1					
2		*SILT* Red-brown SILT, (decomposed shale). Refusal at 3.5'.	4	3.5	GP			sample B-4 at 1-3'
4		End of Log						
6 / 2								
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 3

Client: Cabot Oil & Gas

Location: Springville PA

Boring : [redacted] 3 B-1

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		FILL Brown sandy SILT with sandstone fragments, moist at 0-2', dry at 2-12'. End of boring at 12.0'.		4	GP			
2								
4				3.3	GP			
6 / 2								
8				3.3	GP			sample B-1 at 11-12'
10								
12			12					
		End of Log						
14 / 4								

Drill Method: Direct Push
Drill Date: 5/26/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 3
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 3 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		FILL Brown sandy SILT with sandstone fragments, moist at 0-2', dry at 2-12'. End of boring at 12.0'.		3.3	GP			
2								
4				3.3	GP			
6 / 2								
8				3.3	GP			
10								sample B-2 at 11-12'
			12					
12		End of Log						
4 / 14								

Drill Method: Direct Push
Drill Date: 5/26/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 3

Client: Cabot Oil & Gas

Location: Springville PA

Boring : [redacted] 3 B-3

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
2		***CLAY*** Brown silty CLAY with sandstone fragments, dry		4	GP			
4								
6 / 2			7	4	GP			
8		***SILT*** Brown clayey SILT, few rock fragments, moist. End of boring at 12.0'.						
10				4	GP			sample B-3 at 11-12'
12 / 4			12					
		End of Log						
14								

Drill Method: Direct Push
Drill Date: 5/26/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 3
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 3 B-4
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		CLAY Brown silty CLAY with rock fragments, dry.	1	4	GP			sample B-4 at 0-2'
		SANDSTONE Light gray SANDSTONE, weathered, dry. Refusal at 2.0'.	2					
		End of Log						
2								
4								
6 / 2								
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/26/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 3
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 3 B-5
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown clayey SILT with sandstone fragments, moist. Refusal at 8.0'.		4	GP			
2								
4				3.3	GP			
6 / 2								wet at 6.5' (more sandy)
			8					sample B-5 at 7-8'
8		End of Log						
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/26/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 2
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 2 B-1
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SANDSTONE Brown SANDSTONE	1					
		SANDSTONE Brown decomposed SANDSTONE, v. densely packed, dry. Refusal at 2.0'.	2	2	GP			sample B-1 at 1-2'
2		End of Log						
4								
6 / 2								
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 2

Boring : [redacted] 2 B-2

Client: Cabot Oil & Gas

Project Manager: Tom Merski

Location: Springville PA

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		GRAVEL Gray GRAVEL (pad fill), dry	1	2	GP			sample B-2 at 1-2'
2		***SHALE*** Brown-red SHALE, decomposed, dry. Refusal at 2.0'.	2					
		End of Log						

Drill Method: Direct Push

Drill Date: 5/25/10

Hole Size: 2- inches

Rig: Hurricane Probe

Drilling Co.: Geoenvironmental Drilling

Driller: Joe Beck

Datum:

Checked by:

Sheet: 1 of 1

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URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted]5
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted]5 B-1
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT, dry.	1	4	GP			sample B-1 at 0-1'
		SANDSTONE Light gray SANDSTONE, dry. Refusal at 1.0'.	1					
2		End of Log						
4								
6 / 2								
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

CABOT-EPA 005562

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted] 5
Client: Cabot Oil & Gas
Location: Springville PA
Boring : [redacted] 5 B-2
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT, dry, few rock frags.	2	4	GP			sample B-2 at 1-2'
2		*SANDSTONE* Light gray SANDSTONE with some brown silt, dry. Refusal at 3.0'.	3					
		End of Log						

4 6 8 10 12 14

2 4

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches
Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck
Datum:
Checked by:
Sheet: 1 of 1

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URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001
Project: [redacted]7
Client: Cabot Oil & Gas
Location: Springville PA

Boring : [redacted] 7 B-1
Project Manager: Tom Merski
Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT, some rock fragments, damp.	2	4	GP			sample B-1 at 2-3'
2		***SANDSTONE*** Brown SANDSTONE, decomposed, abundant iron staining. Refusal at 3.0'.	3					
		End of Log						
4								
6 / 2								
8								
10								
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1

URS

URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Project No.: 39939654.00001

Project: [redacted] 7

Client: Cabot Oil & Gas

Location: Springville PA

Boring : [redacted] 7 B-2

Project Manager: Tom Merski

Geologist: Amanda Bayne

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Elevation	Recovery	Sample Type	Blow Count	PID Readings	Well Completion Details
0 / 0		Ground Surface	0					
		SILT Brown SILT, with sandstone fragments, moist to wet, (saturated at 8.0') Refusal at 10.0'.		2.75	GP			
2								
4								
6 / 2				3.0	GP			sample B-2 at 7-8'
8								saturated at 8.0'
					GP			
10			10					
		End of Log						
12 / 4								
14								

Drill Method: Direct Push
Drill Date: 5/25/10
Hole Size: 2- inches

Rig: Hurricane Probe
Drilling Co.: Geoenvironmental Drilling
Driller: Joe Beck

Datum:
Checked by:
Sheet: 1 of 1