EPA Region 5 Records Ctr.
323238

REMEDIAL ACTION QUARTERLY MONITORING REPORT

SECOND QUARTER – 2008 (20 of 120)

SKINNER LANDFILL SITE BUTLER COUNTY WEST CHESTER, OHIO

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1.0 INTRODUCTION

1.1 GENERAL INFORMATION

This quarterly monitoring report was prepared for the Skinner Landfill Superfund Site located in West Chester, Butler County, Ohio in accordance with the Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003. The O&M-LTP Plan was prepared to meet the requirements of the Record of Decision (ROD) dated June 4, 1993, the Statement of Work (SOW) dated April 6, 1994, the 100% Final Remedial Design dated June 21, 1996 and the Consent Decree dated April 7, 2001.

The remedial action (RA) post-construction O&M monitoring period began with the third quarter of 2003 and extends for a period of 30 years. This report documents the results of groundwater and surface water monitoring conducted during the second quarter of 2008, which is the 20th of 120 quarterly sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

Skinner Landfill is located approximately 15 miles north of Cincinnati, Ohio near West Chester, Butler County, Ohio in Township 3, Section 22, Range 2. The site is located along Cincinnati-Dayton Road, as shown in Figure 1. The site is bordered on the south by the East Fork of Mill Creek, on the north by wooded land, on the east by a Norfolk Southern Railway Company right-of-way, and on the west by a gravel driveway.

The site is located in a highly dissected area that slopes from a till-mantled-bedrock upland to a broad, flat-bottomed valley that is occupied by the main branch of Mill Creek. Elevations on the site range from a high of nearly 800 feet above mean sea level (MSL) in the northeast, to a low of 645 feet above MSL near the confluence of Skinner Creek and East Fork of Mill Creek. Both Skinner Creek and the East Fork of Mill Creek are small, intermittent shallow streams. Both of these streams flow to the southwest from the site toward the main branch of Mill Creek.

In general, the site is underlain by relatively thin glacial drift over inter-bedded shale and limestone of Ordovician age. The composition of the glacial drift ranges from intermixed silt, sand and gravel, to silty sandy clays with a thickness ranging from zero to over forty feet. The sand and gravel deposits comprise the hills and ridges and are encountered near the surface of the central portion of the site. The silts and clays usually occur as lenses in the sands and gravel or directly overlie bedrock.

1.3 SITE HISTORY AND BACKGROUND

The property was originally developed as a sand and gravel mining operation and was subsequently used as a landfill from 1934 to 1990. According to USEPA studies, materials deposited at the site include demolition debris, household refuse and a wide variety of chemical wastes. The waste disposal areas include a now buried former waste lagoon near the center of the site and a landfill. According to USEPA studies, the buried lagoon was used for the disposal of paint wastes, ink wastes, creosote, pesticides, and other chemical wastes. The landfill area, located north and northeast of the buried lagoon, received predominantly demolition and landscaping debris.

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

The Phase II Remedial Investigation revealed that the most contaminated media at the site is the soil in the buried waste lagoon. Migration of the landfill constituents has been limited, and the Phase II Remedial Investigation concluded that there had been no off-site migration of landfill constituents via groundwater flow.

In the Record of Decision (ROD), dated June 4, 1993, the USEPA selected a remedy for the site consisting of multi-media capping of the landfill and the buried waste lagoon, and collection and treatment of the groundwater. The ROD also required an investigation to determine the feasibility for soil vapor extraction (SVE) in the granular soil adjacent to the buried lagoon.

The Remedial Design (RD) Investigation performed in 1994 was implemented to collect data required to assess the feasibility of the SVE and to design the multi-media cap and the groundwater extraction/treatment systems. The Remedial Design was submitted to USEPA on June 21, 1996 outlining the cover design and groundwater interception system design. Based on the RD investigation, the installation of an SVE system was determined to be unfeasible.

Construction of a groundwater interception system (GIS) and engineered landfill cover system began in April 2001 and was substantially completed in September 2001. The USEPA conducted the pre-final construction inspection on September 27, 2001, the final construction inspection on March 27, 2003 and the second 5-Year Review in March 2004.

2.0 SAMPLING METHODS

This quarterly monitoring event was conducted in general accordance with the following documents shown with the date of the USEPA-approved final version:

- Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003, and
- RA Health and Safety Plan, Final February 2001.

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes is presented on Table 1 with the corresponding potentiometric surface map provided in Appendix A. The groundwater hydraulic gradient calculated from data collected was 0.09 ft/ft. The average hydraulic

gradient documented in the Remedial Action Baseline Monitoring Report, dated March 2005, is calculated to be 0.13 ft/ft.

3.2 GROUNDWATER-WASTE MONITORING

Historic data for piezometers P-9R to P-12R and results of the piezometer groundwater levels obtained this quarter are provided on Table 2. Based on measured water levels, the groundwater level continues to be below the waste elevation at piezometer P-12R.

3.3 GROUNDWATER ANALYTICAL RESULTS

A summary of target compound list (TCL) and target analyte list (TAL) parameter concentrations encountered above the contract required quantitation limit (CRQL) and revised modified trigger level is provided on Table 3. A summary of the laboratory analytical results have been presented on a per well basis in Appendix B to assist in identifying temporal detection patterns. A report of each data set reduction, validation and assessment procedure conducted on an analytical-set basis in accordance with the O&M-LTP Plan quality assurance project plan (QAPP) is included in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL. One semi-volatile (bis(2-ethylhexyl)phthalate) was detected at wells GW-07R and GW-60 at concentrations of 26 and 28 ug/L, respectively, which is below the trigger level of 49 ug/L. This compound is also a common laboratory artifact.

Of the 16 TAL parameters that have corresponding trigger levels, zinc, iron, lead and barium were detected above the CRQL as shown on Table 3. None of these concentrations exceed the trigger levels.

3.4 SURFACE WATER ANALYTICAL RESULTS

Surface water analyzed consisted of three surface water samples collected directly from the surface of the East Fork of Mill Creek (SW samples) and three landfill cap surface water drainage samples (SWD samples).

A summary of TCL and TAL parameter concentrations encountered above the CRQL and revised modified trigger level is provided on Table 4. A summary of surface water laboratory analytical results is presented in Appendix B. The summary tables are presented on a sample location basis. The validated laboratory analytical data is provided in Appendix C

Target compound list volatiles, pesticides and PCBs were not detected in surface water above the CRQL.

Of the 16 TAL parameters that have a corresponding trigger level, zinc was detected above the CRQL at the furthest upstream creek location (SW-52). Zinc was detected above the trigger level in a surface water drainage sample (SWD-1) obtained from the twin 24-inch diameter corrugated metal pipes that drain the west side of the site including the gravel access drive for the Skinner scrap yard operations. There have been no previous trigger level exceedances of zinc at this location.

Five semi-volatiles were detected above CRQLs with four over trigger levels (fluoranthene, naphthalene, phenanthrene and phenol) from a surface water drainage sample from location SWD-2. Sample SWD-2 was obtained at the outlet of the drainage pipe that drains the central portion of the landfill cap. Although the elevated detections were validated, no evidence of a seep or other source was observed.

There are no previous detections at this location and future sampling results will be monitored for any pattern of detections for semi-volatile compounds.

3.5 GENERAL SITE OBSERVATIONS

This section provides a description of observations made in or around the 16-acre fenced area during the sampling quarter associated with other activity which may impact the project site. On October 11, 2007, Earth Tech personnel observed the presence of multiple large boxes of broken glass stored adjacent to the fence near Gate #1. The boxes of glass were transported and disposed of off-site under a USEPA time-critical removal action between June 9 and 11, 2008. No other site activities of interest were observed.

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Creek Surface Water Sampling Locations
Run Off Surface Water Sampling Locations

VALIDATED LABORATORY ANALYTICAL RESULTS C

LIST OF ACRONYMS

AMP	Air Monitoring Plan
AOC	Administrative Order on Consent
ARAR	Applicable or Relevant and Appropriate Requirements
BMR	Baseline Monitor Report
BCDES	Butler County Department of Environmental Services
bgs	Below Ground Surface
BZ	Breathing Zone
CD&D	Construction Debris and Demolition Waste
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CGI	Combustible Gas Indicator
CHSD	Corporate Health and Safety Director
CIP	Construction Implementation Plan
CLP	Contract Laboratory Program
cm/sec	Centimeters Per Second
CO	Carbon Monoxide
CP	Contingency Plan
CQA	Construction Quality Assurance
CQAC	Construction Quality Assurance Consultant
CRZ	Contamination Reduction Zone
CRQL	Contract Required Quantitation Limit
CSDI	Contaminated Soils Design Investigation
CY	Cubic Yard
CZ	Control Zone
DSW	Division of Surface Water (OEPA)
DSR	Division Safety Representative
EPA	Environmental Protection Agency
EZ	Exclusion Zone
FID	Flame Ionization Detector
FML	Flexible Membrane Liner (low density polyethylene)
FSP	Field Sampling Plan
FTB	Film Tearing Bond
ft	Feet
ft/sec	Feet Per Second
GCL	Geosynthetic Clay Layer
GCAL	Gulf Coast Analytical Laboratories Inc.
GIS	Groundwater Interceptor System
gpd	Gallons Per Day
gpm	Gallons Per Minute
GWDI	Groundwater Design Investigation
HAP	Hazardous Air Pollutant
HASP	Health and Safety Plan
HDPE	High-Density Polyethylene
HSM	Health and Safety Manager

IDLH	Immediately Dangerous to Life or Health
IRM	Interim Remedial Measures
kg/d	Kilograms Per Day
lb/day	Pounds Per Day
LEL	Lower Explosion Limit
LF	Lineal Feet
LLDPE	Linear Low-Density Polyethylene
μ	Micron
μg/l	Microgram per Liter
MSL	Mean Sea Level
NIOSH	National Institute for Occupational Safety and Health
NO_x	Oxides of Nitrogen
NWI	National Wetland Inventory
O_3	Ozone
OAC	Ohio Administrative Code
ODNR	Ohio Department of Natural Resources
OEPA	Ohio Environmental Protection Agency
ORC	Ohio Revised Code
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PID	Photoionization Detector
PLC	Programmable Logic Controller
PM-10	Particulate Matter less than 10 microns
PRP	Potentially Responsible Party
PPE	Personal Protective Equipment
psi	Pounds Per Square Inch
PQL	Practical Quantitation Limit
QAPP	Quality Assurance Project Plan
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RA	Remedial Action
RD	Remedial Design
RHSS	Regional Health & Safety Specialist
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RPM	Remedial Project Manager (USEPA)
RPO	Resident Project Observer
SI	Site Inspection
SF	Square Feet
SLWG	Skinner Landfill Work Group
SO_2	Sulfur Dioxide
SOP	Standard Operating Procedure
SOW	Statement of Work
SPCC	Spill Prevention Control and Counter Measure Plan
SSO	Site Safety Officer
SVE	Soil Vapor Extraction

SVOC	Semi-Volatile Organic Compound
SZ	Support Zone
TAL	Target Analyte List
TCL	Target Compound List
TDH	Total Dynamic Head
TLV	Threshold Limit Values
TSS	Total Suspended Solids
TWA	Time Weighted Average
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Services
USGS	United States Geological Survey
VOC	Volatile Organic Compound
yr	Year
WBGT	Wet Bulb Globe Temperature
WZ	Work Zone

FIGURES

FIGURES

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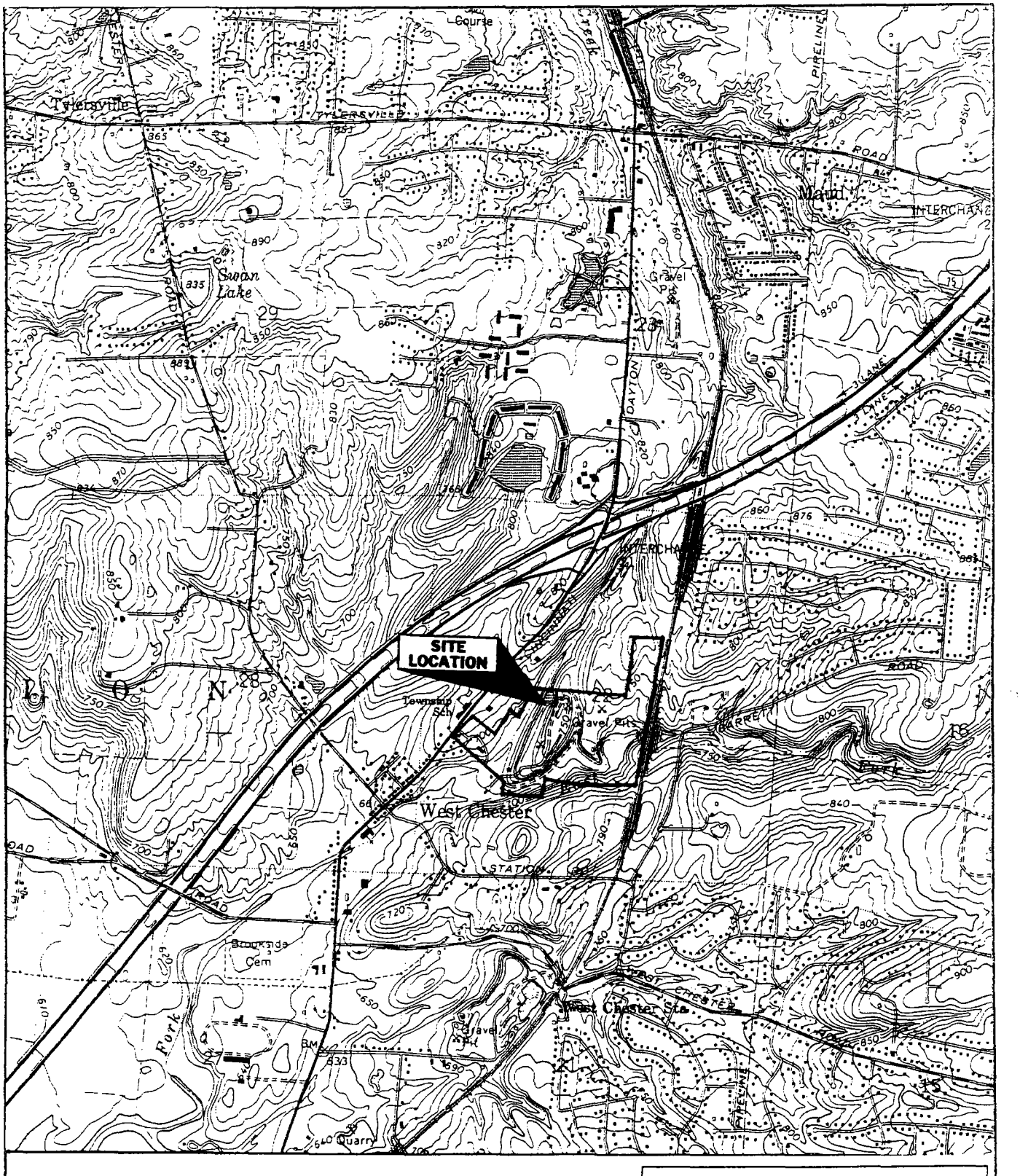

Base taken from USGS Glendale, Ohio
7.5' Topographic Quadrangle, photorevised 1987

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SKINNER LANDFILL

SITE VICINITY MAP

BUTLER COUNTY, OHIO

TABLES

TABLES

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TABLE 1

Groundwater Elevation Summary

Skinner Landfill
West Chester, Ohio

Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	June 2, 2008 Depth to Water (feet from top of casing)	June 2, 2008 Groundwater Elevation (MSL-feet)
Piezometers	P-1	G	685.42	687.65	9.85	677.80
	P-2	G	688.54	690.42	11.92	678.50
	P-3R	G	691.83	693.69	25.22	668.47
	P-4	G	700.32	702.63	3.28	699.35
	P-5	G	708.20	710.65	13.16	697.49
	P-6	G	707.45	710.59	11.46	699.13
	P-7	G	719.08	721.83	Dry	Dry
	P-8	G	747.70	749.91	29.90	720.01
	P-9R	G	760.12	763.58	15.52	748.06
	P-10R	G	761.87	765.84	25.40	740.44
	P-11R	G	760.39	763.38	24.23	739.15
	P-12R	G	750.11	753.60	34.50	719.10
Groundwater Monitoring Wells	GW-06R	S	683.89	685.91	9.16	676.75
	GW-07R	S	683.46	683.06	5.39	677.67
	GW-24	G	693.32	695.21	19.01	676.20
	GW-26	G	696.61	698.28	29.42	668.86
	GW-30	G	675.63	677.62	10.03	667.59
	GW-58	S	684.03	686.53	12.38	674.15
	GW-59	S	684.35	687.38	7.21	680.17
	GW-60	S	689.12	692.38	12.38	680.00
	GW-61	S	687.38	690.86	13.71	677.15
	GW-62A	S	690.19	692.38	26.79	665.59
	GW-62B	S	690.57	693.13	11.81	681.32
	GW-63	S	698.87	702.50	7.65	694.85
	GW-64	S	700.45	703.88	11.19	692.69
	GW-65	S	703.83	706.88	15.10	691.78
	GW-66	G	686.82	689.41	7.85	681.56
Gas Probes	GP-6	G	772.18	774.65	14.22	760.43
	GP-7	G	749.83	752.65	9.38	743.27

Notes:
MSL - Mean Sea Level
G - Gauging
S - Sampling and Gauging (GW-24, 26, and 30 are sampled on an annual basis.)
P-9R, 10R, 11R, and 12R were installed December 2006 to January 2007. Replaced P-9, 10, 11, and 12.

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TABLE 2

Groundwater-Waste Monitoring Summary

Skinner Landfill
West Chester, Ohio

Piezometer ID		P-9R	P-10R	P-11R	P-12R	
Grade Elevation (feet)		760.12	761.87	760.39	750.11	
Bottom of Waste Elevation (MSL-feet)		731.92	729.87	728.00	722.61	
Depth to Bottom of Waste (feet)		28.20	32.00	32.39	27.50	Comments
Groundwater Elevation (ft):	22-Jan-07	747.70	739.52	734.04	721.24	BASELINE
	02-Mar-07	748.03	740.60	735.68	718.17	1rst Q 2007
	11-Jun-07	746.34	751.34*	737.08	716.70	2nd Q 2007
	04-Sep-07	736.49	737.73	733.49	712.61	3rd Q 2007
	17-Dec-07	745.36	736.92	731.13	714.31	4th Q 2007
	10-Mar-08	747.61	739.04	733.71	717.42	1st Q 2008
	02-Jun-08	748.06	740.44	739.15	719.10	2nd Q 2008

Notes:

Bottom-of-Waste elevations determined during installation of new piezometers from 12/6/06 through 12/11/06.

Shaded cells indicate water level elevations below the elevation of waste.

* Groundwater Elevation suspect.

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TABLE 3

Groundwater Test Results Summary

Skinner Landfill
West Chester, Ohio
Second Quarter 2008

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
GW-06R	—	—	*Barium, Iron*	—
GW-07R	—	*bis(2-ethylhexyl)phthalate*	—	—
GW-58	—	—	—	—
GW-59	—	—	—	—
GW-60	—	*bis(2-ethylhexyl)phthalate*	—	—
GW-61	—	—	*Iron, Lead, Zinc*	—
GW-62A	—	—	—	—
GW-62B	—	—	*Lead, Zinc*	—
GW-63	—	—	*Iron*	—
GW-64	—	—	*Lead*	—
GW-65	—	—	—	—
GW-24 (Perimeter Well)	Monitoring Well Outside Fenced area sampled annually (not sampled this quarter)			
GW-26 (Perimeter Well)	Monitoring Well Outside Fenced area sampled annually (not sampled this quarter)			
GW-30 (Perimeter Well)	Monitoring Well Outside Fenced area sampled annually (not sampled this quarter)			

Notes:
— : all parameters below report limits
italic : above Contract Required Quantitation Levels (CRQL's)
bold : above trigger level
* : Insufficient sample volume or location dry.
** : Dissolved metals for analytes that have a corresponding trigger level.

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TABLE 4

Surface Water Test Results Summary

Skinner Landfill
West Chester, Ohio
Second Quarter 2008

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
SW-50	—	—	—	—
SW-51	—	—	—	—
SW-52	—	—	*Zinc*	—
SWD-1	—	—	***Zinc***	—
SWD-2	—	*Acenaphthene* *2,4-Dimethylphenol* ***Fluoranthene*** ***Naphthalene*** ***Phenanthrene*** ***Phenol***	—	—
SWD-3	—	—	—	—

Notes:
— : all parameters below report limits
italic : above Contract Required Quantitation Levels (CRQL's)
bold : above trigger level
* : Insufficient sample volume or location dry.
** : Dissolved metals for analytes that have a corresponding trigger level.

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APPENDIX A

POTENTIONMETRIC SURFACE MAP

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APPENDIX A

SDMS US EPA Region V

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Appendix A – Figure 1, Potentiometric Contour Map – June 2, 2008

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APPENDIX B

SUMMARY OF ANALYTICAL RESULTS

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APPENDIX B

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-06R

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	29.1	14.4 U	15.4 U	15.4 U	15.4 U	15.3 U		200
Antimony	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.3	4.0 UJ	5.3	4.0 B	4.0 U	2.4 U	2.4 U	2.5 U	20	10
Barium	**212**	**220**	**227**	**214**	**266**	**219** J	144 B	199 B	**211** J	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	175,000	213,000	192,000	200,000	182,000	166,000	214,000	199,000	180,000 J		5,000
Chromium	2.1	2.1	4.2	3.9	1.5 B	1.8 B	2.1 B	0.30 U	2.1 B	11	10
Cobalt	1.2	8.3	2.2	0.4	0.20 U	0.40 B	3.90 B	0.20 U	0.50 B		50
Copper	1.4	1.4	1.4	0.7	3.2 B	2.1 B	4.6 B	2.3 B	3.0 B	25	25
Iron	**193**	**5,690**	**1,370**	**658**	**228**	**358**	**139**	69.6 B	**586**	7,000	100
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.90 B	0.80 U	1.0 B	2.4 B	4.2	3
Magnesium	30,400	41,900	33,600 J	34,700	32,500	29,100	35,500	35,800	34,200 J		5,000
Manganese	275	2130 J	325	144	175	262	364	6.5 B	132.0		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2	0.2
Nickel	0.60	4.20	0.50	0.80	0.80 B	0.60 B	2.2 B	0.40 U	0.40 U	96	40
Potassium	2,420	3,820	2,440	2,250 J	2,400 B	2,520 B	2,710 J	2,180 B	2,460 B		5,000
Selenium	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	5
Silver	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U	10	10
Sodium	19,300	26,900	19,600	23,700	17,000 J	17,800	22,400	19,400	17,300 J		5,000
Thallium	2.6	2.6	2.6	3.1	2.8 B	2.9 B	1.7 U	4.7 B	1.8 U	40	10
Vanadium	1.2	22.2	1.2	9.4	12.0 B	7.6 B	11.0 J	1.0 U	10.4 B		50
Zinc	0.70	0.70	0.70	1.1	12.3 B	10.8 B	7.5 J	9.0 B	15.2 B	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	5,720 J	1,600	2,190	20,100 J	3,790 J	3,720 J	2,670	141 J	457		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ	2.4 U	1.6 U		
Arsenic	6.3	10.5	4.0 UJ	5.3	7.5 B	2.5 U	2.4 U	2.4 UJ	2.5 UJ		
Barium	329	241	263	526	352	283 J	183 B	195 B	214 J		
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	210,000	238,000	210,000	456,000	218,000	210,000	240,000	197,000	173,000 J		
Chromium	11.9 J	5.4	7.9	45.1	9.6 J	8.5 B	7.9 J	0.60 B	3.1 B		
Cobalt	9.0	10.9	4.1	24.0	4.5 B	3.7 B	5.0 B	0.30 B	0.90 B		
Copper	4.1	1.4	6.8	93.7 J	15.4 J	14.4 B	0.70 J	5.40 B	5.3 B		
Cyanide	0.60	0.60	0.70	0.90	0.60 U	3.5 B	0.60 U	0.60 U	0.60 U	10	10
Iron	15,100	10,400	6,920	45,700	9,620	9,420 J	8,000	523	2,090		
Lead	12.8	8.0 J	5.6	65.4 J	12.1 J	12.3	5.9 J	0.80 UJ	3.4		
Magnesium	47,400	53,800	39,500	136,000	46,300	48,200	50,100	35,600	34,300 J		
Manganese	1,050	2,440	422 J	3,490	421	482 J	410	19.3	106.0		
Mercury	0.10	0.10	0.10	0.10	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 U		
Nickel	11.5	8.0	3.7	42.3	9.0 B	8.4 B	7.1 J	0.40 U	0.40 B		
Potassium	3,700 J	4,300	2,800	5,890 J	3,360 J	3,270 J	3,240 B	2,220 J	2480.0 B		
Selenium	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ	3.9 U	3.1 UJ		
Silver	1.0 UJ	1.3	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	19,500	28,200	20,400	26,400	18,000	18,300 J	22,400	18,700	17,000 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	1.8 B	2.1 B	1.7 U	2.2 B	1.8 U		
Vanadium	1.2	30.5	1.2	84.8	21.1 J	20.4 B	17.1 J	1.0 U	12.4 B		
Zinc	36.4 J	16.7	16.7	200.0 J	47.4	40.8	25.6 J	11.5 J	20.7		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-07R

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]						Insufficient Volume					
Aluminum	14.8	14.8	14.8	51.1	15.4 U	—	15.4 U	16.4 B	15.3 U		200
Antimony	4.0	4.0	4.0	4.1	2.4 U	—	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0 UJ	5.3	2.4 U	—	2.4 U	2.9 B	2.5 U	20	10
Barium	138.0	65.2	109.0	90.0	92.6 B	—	62.8 B	93.2 B	88.0 J	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	—	0.10 U	0.10 U	0.1 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	—	0.10 U	0.10 U	0.1 U	5	5
Calcium	190,000	383,000	209,000	203,000	206,000	—	207,000	165,000	175,000 J		5,000
Chromium	1.3	2.9	3.5	4.4	1.4 B	—	1.9 B	0.3 U	2.0 B	11	10
Cobalt	1.2	11.7	2.4	1.6	0.20 U	—	1.8 B	0.2 U	0.3 U		50
Copper	1.4	1.4	1.4	0.70	3.4 B	—	4.1 B	1.8 B	3.6 B	25	25
Iron	12.9	**3950**	**1290**	**2870**	44.2 B	—	**231**	8.5 U	8.1 U	7,000	100
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	—	0.80 U	2.6 B	2.9 B	4.2	3
Magnesium	29,900	61,100	32,400	31,600	33,200	—	29,600	25,900	30,200 J		5,000
Manganese	2,090	4,730 J	1,450 J	1,240	646	—	271	164	0.3 B		15
Mercury	0.10	0.10	0.10 UJ	0.10	0.10 U	—	0.10 U	0.10 U	0.1 UJ	0.2	0.2
Nickel	4.2	13.4	1.8	0.80	1.9 B	—	1.0 B	0.40 U	0.4 U	96	40
Potassium	2,610	4,330	2,830	1,860 J	2,290 B	—	1,590 J	2,250 B	1,620 B		5,000
Selenium	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	—	3.9 R	3.9 U	3.1 U	8.5	5
Silver	1.0 UJ	1.3	1.0	2.1	0.30 U	—	0.30 U	0.30 U	0.4 U	10	10
Sodium	28,300	47,400	33,100	25,200	23,000 J	—	18,600	15,500	13,500 J		5,000
Thallium	2.6	2.6	2.6	3.1	5.0 B	—	1.7 U	6.5 B	1.8 U	40	10
Vanadium	1.2	26.0	1.2	8.3	13.2 B	—	9.3 J	1.0 U	9.8 B		50
Zinc	0.70	0.70	6.6	1.1	10.0 B	—	10.9 J	11.3 B	17.1 B	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	8,110 J	5,220	3,950	1,270 J	4,680 J	—	4,210	115 J	77.7 B		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	—	2.4 UJ	2.4 U	1.6 U		
Arsenic	9.6	7.0	4.0 UJ	5.3	10.5	—	3.0 B	2.4 UJ	2.5 UJ		
Barium	388	273	241	131	292	—	178 B	104 B	95.0 J		
Beryllium	0.50	0.50	0.50	0.10	0.10 U	—	0.10 U	0.10 U	0.1 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	—	0.10 U	0.10 U	0.1 U		
Calcium	248,000	444,000	229,000	214,000	232,000	—	229,000	152,000	177,000 J		
Chromium	12.8 J	10.8	8.5	7.0	9.4 J	—	9.0 J	0.6 B	2.2 B		
Cobalt	9.3	18.2	4.5	2.5	4.4 B	—	6.2 B	0.2 U	0.3 U		
Copper	11.1	1.4	5.9	23.2 J	14.2 J	—	0.70 U	7.0 B	5.7 B		
Cyanide	1.3	18.6	0.6	1.6	0.60 U	—	0.60 U	0.60 U	0.6 U	10.0	10.0
Iron	24,600	20,500	9,090	7,280	13,700	—	8,420	273	151		
Lead	11.5	12.0 J	4.0	2.1 UJ	8.9 J	—	7.0 J	0.80 U	3.3		
Magnesium	49,400	82,500	39,000	34,600	44,800	—	38,700	23,800	30,400 J		
Manganese	2,940	4,880	1,650 J	1,320	1,280	—	477	84.5	21.5		
Mercury	0.10	0.10	0.10	0.10	0.10 UJ	—	0.10 U	0.10 U	0.1 U		
Nickel	16.8	21.9	7.0	2.1	10.4 B	—	8.7 J	0.40 U	0.4 U		
Potassium	4,400 J	5,530	3,800	2,250 J	3,320 J	—	2,550 B	3,040 J	1,890 B		
Selenium	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	—	3.9 UJ	3.9 U	3.1 U		
Silver	1.0 UJ	1.7	1.0	2.1	0.30 U	—	0.30 U	0.30 U	0.40 UJ		
Sodium	27,600	49,000	33,200	25,400	23,300	—	18,900	16,300	13,700 J		
Thallium	2.6 UJ	2.6	2.6	3.1	5.1 B	—	1.7 U	2.5 B	2.0 B		
Vanadium	1.2	42.4	1.5	11.8	22.4 J	—	17.6 J	1.0 U	11.6 B		
Zinc	46.5 J	33.0	17.0	16.3 J	46.7	—	32.5 J	21.3 J	18.9 B		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	—	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate		1.0 J	10.0 U	2.30 J	10.0 U	—	0.9 J	10.0 U	**26.0**	49	10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	—	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-58

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	29.1	31.1 B	15.4 U	15.4 U	15.4 U	15.3 U		**200**
Antimony	4.0	4.0	4.0	6.2	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	4.0	4.0	4.0 UJ	5.3	2.4 U	2.4 UJ	2.4 U	2.4 U	2.5 U	20	**10**
Barium	**230**	150	153	**354**	124 B	106 J	125 B	117 B	129 J	1,000	**200**
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	101,000	121,000	108,000	67,900	112,000	99,100	109,000	97,800	107,000 J		**5,000**
Chromium	2.7	2.6	4.5	3.6	1.9 B	2.2 B	2.4 B	0.50 B	1.9 B	11	**10**
Cobalt	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		**50**
Copper	1.4	1.4	2.0	0.70	3.4 B	3.4 B	4.8 B	3.7 B	2.4 B	25	**25**
Iron	**826**	12.9	15.6	**306**	45.1 B	8.5 U	9.4 B	8.5 U	8.1 U	7,000	**100**
Lead	1.8	2.0 J	1.8	2.1 UJ	0.80 U	1.5 B	0.8 U	0.80 U	1.2 U	4.2	**3**
Magnesium	34,700	35,600	37,400	31,700	31,600	30,100	32,700	28,700	33,100 J		**5,000**
Manganese	187	21 J	167 J	27.5	5.9 B	13.2 B	9.5 B	0.30 U	4.4 B		**15**
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	1.0	0.50	0.50	0.80	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	96	**40**
Potassium	5,160	4,140	5,110	15,400 J	3,320 B	4,180 J	4,370 J	3,020 B	3,660 B		**5,000**
Selenium	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	**5**
Silver	2.0	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U	10	**10**
Sodium	36,700	30,500	37,100	152,000	25,400 J	29,800	29,900	22,100	27,500 J		**5,000**
Thallium	*2.6*	*2.6*	*2.6*	*3.1*	*8.7 B*	*4.1 UJ*	*1.7 U*	*5.6 B*	*1.8 U*	*40*	***10***
Vanadium	1.2	20.7	1.2	9.3	12.1 B	5.4 B	9.3 J	1.0 U	9.8 B		**50**
Zinc	0.7	1.3	0.7	1.1	**23.4**	6.8 B	**36.7** J	9.3 B	9.2 B	86	**20**
Inorganics - Metals and Cyanide (Total)											
Aluminum	14,100 J	9,470	4,100	7,290 J	27,700 J	3,340 J	37,200	2,230 J	475		
Antimony	4.0	4.0	4.0	4.1	8.2 J	2.4 U	11.7 J	60.0 U	1.6 U		
Arsenic	11.6	8.5	4.0 UJ	5.3	53.1	2.4 U	22.1	10.0 UJ	2.5 UJ		
Barium	298	257	206	222	465	145 B	528	148 B	120 J		
Beryllium	0.8	0.6	0.5	0.1	0.10 U	0.10 U	0.10 U	0.10 B	0.10 U		
Cadmium	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U	5.00 U	0.10 U		
Calcium	240,000 J	186,000	180,000	203,000	382,000	123,000	474,000	120,000	95,600 J		
Chromium	30.8	21.6	13.5	23.0	63.4 J	8.5 B	77.2 J	5.0 B	2.9 B		
Cobalt	12.9	9.5	4.9	6.3	32.5 B	2.8 B	40.3 B	1.9 B	0.30 U		
Copper	15.1	10.3	9.5	52.5 J	67.6 J	5.4 B	76.7 J	6.9 B	4.6 B		
Cyanide	0.60	12.9	0.60	0.60	1.3 B	0.60 U	0.60 U	10.0 U	0.60 U	10	**10**
Iron	33,500	23,700	11,100	18,600	78,000	7,410	104,000	5,710	1,260		
Lead	19.8	14.3	5.8	9.1	44.3 J	3.0 J	52.7 J	1.1 J	1.2 U		
Magnesium	62,000	50,400	51,100	54,200	93,400	36,200	112,000	34,000	30,000 J		
Manganese	920	630	480 J	656	2,510	232	3,240	147	45.4		
Mercury	0.10	0.10	0.10	0.10	0.10 UJ	0.10 U	0.10	0.20 U	0.10 U		
Nickel	30.1	22.4	8.7	14.5	76.5	6.1 B	97.4 J	4.4 B	0.80 B		
Potassium	7,900 J	6,170	6,070	6,910 J	8,340 J	4,770 J	11,800	3,920 J	3,430 B		
Selenium	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 UJ	3.9 UJ	5.0 U	31.0 U		
Silver	1.0 UJ	1.4	1.1 J	2.1	0.30 U	0.30 U	0.30	10.0 U	0.40 UJ		
Sodium	29,200	27,600	35,700	35,500	25,200	26,900	31,700	22,700	25,200 J		
Thallium	2.6 UJ	2.6	2.6	3.1	4.6 B	1.7 U	1.7 U	5.2 B	1.8 U		
Vanadium	1.2	42.0	1.2	26.7	72.8 J	14.4 B	89.7 J	2.3 B	10.1 B		
Zinc	84 J	65.2	25.4	231 J	240	23.9	274.0 J	27.4 J	15.1 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-59

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	29.1	59.3 U	15.4 U	15.4 U	808.0	15.3 U		**200**
Antimony	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	4.0	4.0	4.0 UJ	5.3	4.4 B	2.4 U	2.4 U	2.4 U	2.5 U	20	**10**
Barium	38.7	44.5	45.0	42.6	36.6 B	39.0 J	38.4 B	40.4 B	43.5 J	1,000	**200**
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	188,000	167,000	199,000	183,000	179,000	187,000	182,000	153,000	155,000 J		**5,000**
Chromium	3.2	2.4	5.2	4.3	2.3 B	2.7 B	3.0 B	0.50 B	1.8 B	11	**10**
Cobalt	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		**50**
Copper	1.4	1.4	3.8	0.70	3.7 B	3.6 B	5.5 B	4.2 B	2.9 B	25	**25**
Iron	12.9	12.9	12.9	8.1	**137**	8.5 U	16.6 B	17.9 B	8.1 U	7,000	**100**
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	0.80 U	1.7 B	4.2	**3**
Magnesium	38,500	32,000	39,800	32,500	37,800	40,000	35,800	28,000	25,200 J		**5,000**
Manganese	4.4	0.4 J	28.8 J	4.0	14.5 B	34.8	4.6 B	0.30 U	0.20 U		**15**
Mercury	0.10	0.10	0.10	0.10	0.10 B	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	0.80	0.50	0.50	0.80	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	96	**40**
Potassium	22,900	28,400	23,800	16,200 J	14,500	15,500 J	17,900 J	13,000	11,100		**5,000**
Selenium	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	**5**
Silver	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.40 B	0.30 U	0.40 U	10	**10**
Sodium	101,000	90,000	107,000	74,700	88,000 J	97,800 J	94,000	60,800	41,800 J		**5,000**
Thallium	2.6	2.6	2.6	3.1	2.6 B	1.7 U	1.7 U	5.0 B	2.1 B	40	**10**
Vanadium	1.2	21.0	1.2	7.8	12.9 B	8.6 B	9.6 J	1.0 U	7.4 B		**50**
Zinc	0.7	3.7	4.3	1.1	9.5 B	11.6 B	37.5 J	**21.7**	12.3 B	86	**20**
Inorganics - Metals and Cyanide (Total)											
Aluminum	3,210 J	1,280	2,570	2,120 J	7,750 J	1,900 J	17,100	718 J	451		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	3.0 J	2.4 U	1.6 U		
Arsenic	4.0	4.0	4.0 UJ	5.3	19.0	2.4 U	18.2	2.4 UJ	2.5 UJ		
Barium	91.9	62.1	126.0	65.9	253.0	58.8 J	467	43.9 B	46.8 B		
Beryllium	0.5	0.5	0.5	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	206,000	163,000	197,000	193,000	226,000	195,000	291,000	111,000	136,000 J		
Chromium	12.1 J	6.8	14.7	10.2	34.7 J	6.9 B	71.0 J	1.9 B	2.7 B		
Cobalt	4.4	1.8	4.5	1.8	12.9 B	1.1 B	24.7	0.90 B	0.50 B		
Copper	1.4	1.4	6.6	4.6 J	18.6 J	7.4 B	26.3 J	12.2 B	4.8 B		
Cyanide	0.80	0.70	0.60	0.60	0.60 U	3.1 B	0.60 U	0.60 U	0.60 U	10	**10**
Iron	8,240	4,460	8,570	6,840	24,000	5,630 J	52,600	2,160	1,440		
Lead	6.3	4.3 J	4.4	2.1 UJ	15.4 J	4.8	28.1 J	1.6 J	3.8		
Magnesium	41,100	32,600	40,500	34,600	47,000	41,000	61,900	18,300	21,800 J		
Manganese	573	316	575 J	260	1,630	197 J	2,970	61.6	47.7		
Mercury	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ		
Nickel	11.3	5.0	10.7	5.2	37.1 B	5.0 B	74.6 J	1.4 B	1.2 B		
Potassium	25,300 J	24,400	22,400	15,200 J	18,800 J	15,700 J	20,400	8,460 J	10,100		
Selenium	4.9	4.9	4.9 UJ	4.5	3.9 UJ	3.9 R	3.9 UJ	3.9 U	3.1 U		
Silver	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	105,000	81,900	102,000	76,400	86,500	96,100 J	95,600	28,600	36,800 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	6.1 B	2.5 B	1.7 U	4.3 B	1.8 U		
Vanadium	1.2	21.6	1.2	12.3	27.6 J	12.1 B	47.0 J	1.0 U	7.2 B		
Zinc	20.1 J	17.7	34.2	18.7 J	86.7	32.8	135 J	26.2 J	17.0 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-60

Compound	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Insufficient Volume	Insufficient Volume			Insufficient Volume	Insufficient Volume					
Aluminum	—	—	37.7 J	29.1	—	—	15.4 U	15.4 U	15.3 U		**200**
Antimony	—	—	4.0	4.1	—	—	2.4 U	2.4 U	1.6 U	**60**	**60**
Arsenic	—	—	4.0	5.3	—	—	2.4 U	2.4 U	2.5 U	**20**	**10**
Barium	—	—	68.9 J	57.8	—	—	57.3 B	64.1 B	87.4 J	**1,000**	**200**
Beryllium	—	—	0.50	0.10	—	—	0.10 U	0.10 U	0.10 U	**5**	**5**
Cadmium	—	—	0.10	0.10	—	—	0.10 U	0.10 U	0.10 U	**5**	**5**
Calcium	—	—	209,000	276,000	—	—	204,000	160,000	124,000 J		**5,000**
Chromium	—	—	2.7 J	5.9	—	—	2.5 B	1.2 B	1.4 B	**11**	**10**
Cobalt	—	—	0.70	0.40	—	—	0.20 U	0.20 U	0.30 U		**50**
Copper	—	—	4.9	0.70	—	—	5.60 B	3.80 B	3.6 B	**25**	**25**
Iron	—	—	48.9	10.5	—	—	23.7 B	8.5 U	8.1 U	**7,000**	**100**
Lead	—	—	1.8	2.1 UJ	—	—	0.80 U	0.80 U	2.9 B	**4.2**	**3**
Magnesium	—	—	39,600	81,200	—	—	28,100	23,800	16,100 J		**5,000**
Manganese	—	—	0.3	0.2	—	—	3.7 B	0.30 U	0.20 U		**15**
Mercury	—	—	0.10	0.10	—	—	0.10 U	0.10 U	0.10 UJ	**0.2**	**0.2**
Nickel	—	—	0.50	0.80	—	—	0.40 U	0.40 U	0.40 U	**96**	**40**
Potassium	—	—	8,560 J	5,400 J	—	—	7,430 J	6,650	9,980		**5,000**
Selenium	—	—	4.9 UJ	4.5 UJ	—	—	3.9 R	3.9 U	3.2 B	**8.5**	**5**
Silver	—	—	1.0	2.1	—	—	0.30 U	0.30 U	0.40 U	**10**	**10**
Sodium	—	—	25,000	22,800	—	—	20,100	15,100	7,300 J		**5,000**
Thallium	—	—	2.6	3.1	—	—	1.7 U	4.3 B	1.8 U	**40**	**10**
Vanadium	—	—	11.1	16.3	—	—	9.1 J	1.6 B	4.3 B		**50**
Zinc	—	—	5.9	1.1	—	—	10.4 J	9.1 B	10.1 B	**86**	**20**
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	—	10,600 J	9,480 J	—	—	2,590	110 J	127 B		
Antimony	—	—	4.0	4.1	—	—	2.4 UJ	2.4 U	1.6 U		
Arsenic	—	—	4.0	5.3	—	—	2.4 U	2.4 UJ	2.5 U		
Barium	—	—	107 J	95.9	—	—	77.8 B	68.6 B	88.4 J		
Beryllium	—	—	0.70	0.10	—	—	0.10 U	0.10 U	0.10 U		
Cadmium	—	—	0.10	0.10	—	—	0.10 U	0.10 U	0.10 U		
Calcium	—	—	222,000	319,000	—	—	207,000	144,000	122,000 J		
Chromium	—	—	29.1 J	22.1	—	—	6.6 J	1.9 B	1.8 B		
Cobalt	—	—	11.0	9.5	—	—	2.4 B	0.20 U	0.30 U		
Copper	—	—	14.3	35.7 J	—	—	0.70 U	9.10 B	5.3 B		
Cyanide	—	—	—	3.8	—	—	0.60 U	0.60 U	0.60 U	**10**	**10**
Iron	—	—	25,100	21,800	—	—	6,070	285	307		
Lead	—	—	12.2	11.7 J	—	—	3.6 J	0.80 UJ	1.5 B		
Magnesium	—	—	47,800	88,100	—	—	29,500	21,500	16,400 J		
Manganese	—	—	833 J	628	—	—	187	6.6 B	15.5		
Mercury	—	—	0.10	0.10	—	—	0.10 U	0.10 U	0.10 UJ		
Nickel	—	—	20.9	17.9	—	—	4.2 J	0.40 U	0.40 U		
Potassium	—	—	9,590 J	7,660 J	—	—	8,170	7,430 J	9,910		
Selenium	—	—	4.9 UJ	4.5 UJ	—	—	3.9 UJ	3.9 U	3.6 B		
Silver	—	—	2.0	2.1	—	—	0.30 U	0.30 U	0.40 U		
Sodium	—	—	23,000	24,000	—	—	19,700	13,200	7,450 J		
Thallium	—	—	2.6	3.1	—	—	1.7 U	2.7 B	1.8 U		
Vanadium	—	—	30.7	34	—	—	11.3 J	1.0 U	4.6 B		
Zinc	—	—	72.6	63.7 J	—	—	18.5 J	15.4 J	12.6 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	—	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate		4.7 J	10.0 UJ	10.0 U	10.0 UJ	—	1.0 J	BRL	**28.0**	**49**	**10**
Pesticides / PCBs	BRL	—	BRL	BRL	—	—	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-61

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U	15.4 U	266		200
Antimony	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0	5.3	4.4 B	2.4 U	2.4 U	3.6 B	2.5 U	20	10
Barium	46.6	61.1	45.5 J	36.4	31.7 B	38.2 J	35.0 B	24.4 B	25.6 J	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	237,000	281,000	258,000	282,000	245,000	241,000	419,000	362,000	252,000 J		5,000
Chromium	3.8	3.3	2.0 J	6.1	2.5 B	3.1 B	4.4 B	0.3 B	3.4 B	11	10
Cobalt	1.2	2.7	2.1	1.2	0.20 U	0.20 U	2.10 B	0.40 B	1.2 B		50
Copper	1.4	1.4	3.0	0.70	4.2 U	4.6 B	7.1 B	4.2 B	4.6 B	25	25
Iron	**641**	**2380**	**162**	**299**	18.6 B	14.5 B	**4,390**	20.9 B	**1,660**	5,000	100
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	2.10 B	**3.3**	4.2	3
Magnesium	49,000	55,900	52,900	60,300	50,000	47,900	75,800	77,600	51,400 J		5,000
Manganese	617	2,070 J	1,050 J	385	103	179	714	118	291		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	3.5	5.0	4.8	2.4	3.3 B	4.2 B	9.5 B	3.4 B	3.6 B	96	40
Potassium	6,730	8,500	7,740 J	7,330 J	7,180	8,010 J	14,000 J	13,300	8,870		5,000
Selenium	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	5
Silver	1.0	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U	10	10
Sodium	41,300	54,200	48,400	57,500	38,400 J	47,800 J	68,100	53,700	49,500 J		5,000
Thallium	2.6	2.6	2.6	3.1	3.3 B	1.7 U	4.6 B	6.6 B	1.8 U	40	10
Vanadium	1.2	27.9	11.7	13.2	16.5 B	9.3 B	16.8 J	1.2 B	13.5 B		50
Zinc	0.7	1.7	5.7	1.1	**28.5**	15.7 B	14.7 J	16.8 B	**21.5**	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	3,800 J	11,700	3,250 J	12,200 J	919 J	130 J	1,780	23.6 J	15.3 U		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ	2.4 U	1.6 U		
Arsenic	5.3	17.7	4.0	5.3	2.5 B	2.4 U	2.4 U	2.4 UJ	2.5 U		
Barium	81.3	196.0	80.7 J	173.0	39.8 B	38.1 J	45.9 B	23.3 B	24.4 J		
Beryllium	0.5	0.7	0.5	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	250,000	409,000	297,000	450,000	259,000	241,000	42,900	380,000	292,000 J		
Chromium	10.1 J	24.3	12.3 J	30.4	5.7 J	3.4 B	8.5 J	0.3 B	3.9 B		
Cobalt	4.1	12.9	4.9	10.9	1.0 B	0.6 B	2.5 B	0.3 B	1.5 B		
Copper	1.4	1.4	10.1	41.7 J	7.0 J	4.9 B	0.90 J	5.20 B	4.8 B		
Cyanide	0.6	3.4	0.6	0.6	1.0 B	3.1 B	0.60 U	0.60 U	0.60 U	10	10
Iron	11,100	38,500	11,000	36,300	2,750	420 J	9,040	188	1,390		
Lead	14.4	22.2 J	4.0	19.4	0.80 U	0.80 U	2.10 J	0.80 UJ	2.4 B		
Magnesium	53,600	92,400	60,900	98,400	51,300	46,900	80,800	75,700	63,700 J		
Manganese	750	2,930	1,280 J	1,340	167	172 J	523	50.1	486		
Mercury	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ		
Nickel	11.2	30.8	12.9	27.5	4.9 B	4.5 B	13.3 J	2.8 B	3.9 B		
Potassium	7,550 J	10,300	8,650 J	10,300 J	7,480 J	7,920	15,300	14,300 J	9,530		
Selenium	4.9	12.5 J	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ	4.9 B	3.1 U		
Silver	1.0 UJ	2.1	1.0	2.1	0.30 U	0.30 B	0.30 B	0.30 U	0.40 U		
Sodium	39,500	50,400	47,500	53,100	39,300	45,000 J	65,800	50,000	61,400 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B	2.3 B	3.7 B	4.8 B	1.8 U		
Vanadium	1.2	54.5	19.5	42.3	15.8 J	10.1 B	17.0 J	1.0 U	18.1 B		
Zinc	25.4 J	92.8	35.2	99.0 J	30.7	33.9	27.3 J	15.6 J	18.6 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62A

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	20.8	14.8	14.8	29.1	38.8 B	31.0 B	377	15.4 U	15.3 U		**200**
Antimony	4.0	4.0	4.0	4.7	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	4.0	4.0	4.0 J	5.3	2.4 U	2.4 UJ	2.4 U	2.4 U	2.5 U	20	**10**
Barium	102	104	99.6	97.7	90.1 B	91.8 J	110 B	101 B	88.9 J	1,000	**200**
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	127,000	137,000	127,000	130,000	119,000	115,000	123,000	119,000	114,000 J		**5,000**
Chromium	3.8	3.6	5.9	2.3	2.2 B	2.3 B	4.3 B	0.40 B	2.5 B	11	**10**
Cobalt	0.70	0.70	0.70	0.40	0.20 U	0.40 B	0.20 U	0.20 U	0.30 U		**50**
Copper	1.4	1.4	4.0	0.70	3.8 B	2.5 B	6.8 B	4.6 B	4.7 B	25	**25**
Iron	15.5	12.9	12.9	8.1	58.4 B	**202**	**625**	8.5 U	8.1 U	7,000	**100**
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	0.80 U	2.8 B	4.2	**3**
Magnesium	46,800	49,400	47,100	48,100	41,600	40,400	44,000	44,000	40,700 J		**5,000**
Manganese	29.5	13.8 J	30.4 J	12.8	5.3 B	128	140	0.30 U	0.20 U		**15**
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	0.90	0.50	0.50	0.80	0.40 U	1.2 B	2.1 B	0.40 U	0.40 U	96	**40**
Potassium	9,000	8,420	8,280	9,340 J	7,010	7,530	8,110 J	7,220	6,200		**5,000**
Selenium	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	**5**
Silver	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U	10	**10**
Sodium	101,000	117,000	117,000	118,000	92,500 J	101,000	108,000	103,000	96,300 J		**5,000**
Thallium	2.6	2.6	2.6	3.1	3.1 B	1.7 UJ	1.7 U	5.5 B	1.8 U	40	**10**
Vanadium	1.2	25.5	1.2	13.2	13.7 B	5.7 B	13.5 J	2.5 B	12.4 B		**50**
Zinc	4.9	1.3	0.70	1.1	**23.0**	16.0 B	10.8 J	7.9 B	14.4 B	86	**20**
Inorganics - Metals and Cyanide (Total)											
Aluminum	26,900 J	6,160	1,800	3,140 J	12,500 J	5,460	12,300	5,190 J	228		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ	2.4 U	1.6 U		
Arsenic	8.6	5.4	4.0 UJ	5.3	20.8 J	2.4 UJ	7.5 B	2.4 UJ	2.5 UJ		
Barium	482	185	138	161	405	183 B	354	218	95.4 J		
Beryllium	1.4	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.20 B	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	490,000	176,000	148,000	150,000	217,000	161,000	207,000	166,000	117,000 J		
Chromium	55.6 J	15.1	10.4	16.0	39.2 J	16.2	35.1 J	15.3	3.3 B		
Cobalt	30.7	4.4	2.3	3.0	16.0 B	5.7 B	12.3 B	5.6 B	0.30 U		
Copper	29.6	1.6	7.5	30.9 J	31.7 J	16.6 B	17.2 J	14.2 B	6.1 B		
Cyanide	0.60	0.60	0.60	7.1	0.60 U	—	0.60 U	0.60 U	0.60 U	10.0	**10.0**
Iron	64,400	11,900	4,800	7,350	35,100	14,400	30,900	13,600	629		
Lead	52.2	11.4 J	5.4	5.3	26.5 J	13.7	22.9 J	5.9 J	2.0 B		
Magnesium	99,500	56,600	51,000	51,000	60,700	50,100	59,700	54,400	42,800 J		
Manganese	2,620	402	204 J	276	1,290	614	981	395	14.4 B		
Mercury	0.10	0.10	0.10	0.10	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ		
Nickel	68.4	11.6	3.9	7.4	41.9	15.8 B	35.6 J	16.0 B	0.80 B		
Potassium	14,000 J	9,630	8,410	8,490 J	9,530 J	8,620	10,600	9,290 J	6,610		
Selenium	5.0	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ	3.9 U	3.1 UJ		
Silver	1.0	1.0	1.0	3.3	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	109,000	110,000	117,000	118,000	96,500	105,000	111,000	113,000	102,000 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	1.7 U	1.7 U	1.7 U	3.9 B	1.8 U		
Vanadium	269	39	1.2	18.8	40.0 J	19.6 B	35.7 J	8.1 B	12.4 B		
Zinc	184 J	35	14.4	31.3 J	164	55.0	95.9 J	53.1 J	14.7 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-62B

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]	Well Dry	Insufficient Volume Insufficient	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume				
Aluminum	—	— —	—	—	—	—	200.0 U	15.9 B		**200**
Antimony	—	— —	—	—	—	—	60.0 U	1.6 U	60	**60**
Arsenic	—	— —	—	—	—	—	10.0 U	2.5 U	20	**10**
Barium	—	— —	—	—	—	—	21.9 B	41.8 J	1,000	**200**
Beryllium	—	— —	—	—	—	—	5.0 U	0.10 U	5	**5**
Cadmium	—	— —	—	—	—	—	5.0 U	0.10 U	5	**5**
Calcium	—	— —	—	—	—	—	239,000	273,000 J		**5,000**
Chromium	—	— —	—	—	—	—	0.50 B	3.3 B	11	**10**
Cobalt	—	— —	—	—	—	—	50.0 U	0.50 B		**50**
Copper	—	— —	—	—	—	—	4.3 B	4.6 B	25	**25**
Iron	—	— —	—	—	—	—	11.5 B	8.1 U	7,000	**100**
Lead	—	— —	—	—	—	—	1.2 B	**3.1**	4.2	**3**
Magnesium	—	— —	—	—	—	—	48,600	56,700 J		**5,000**
Manganese	—	— —	—	—	—	—	15.0 U	223		**15**
Mercury	—	— —	—	—	—	—	0.20 U	0.10 UJ	0.2	**0.2**
Nickel	—	— —	—	—	—	—	40.0 U	4.6 B	96	**40**
Potassium	—	— —	—	—	—	—	3,220 B	1,000		**5,000**
Selenium	—	— —	—	—	—	—	5.0 U	3.1 U	8.5	**5**
Silver	—	— —	—	—	—	—	0.30 B	0.40 U	10	**10**
Sodium	—	— —	—	—	—	—	33,900	54,500 J		**5,000**
Thallium	—	— —	—	—	—	—	3.4 B	1.8 U	40	**10**
Vanadium	—	— —	—	—	—	—	1.7 B	16.0 B		**50**
Zinc	—	— —	—	—	—	—	**32.3**	**52.6**	86	**20**
Inorganics - Metals and Cyanide (Total)										
Aluminum	—	— —	—	—	—	—	1,610 J	1,320		
Antimony	—	— —	—	—	—	—	60.0 U	1.6 U		
Arsenic	—	— —	—	—	—	—	10.0 UJ	2.5 UJ		
Barium	—	— —	—	—	—	—	31.2 B	43.4 J		
Beryllium	—	— —	—	—	—	—	0.10 B	0.10 U		
Cadmium	—	— —	—	—	—	—	5.00 U	0.10 U		
Calcium	—	— —	—	—	—	—	242,000	270,000 J		
Chromium	—	— —	—	—	—	—	3.5 B	5.1 B		
Cobalt	—	— —	—	—	—	—	1.4 B	1.7 B		
Copper	—	— —	—	—	—	—	7.2 B	13.0 B		
Cyanide	—	— —	—	—	—	—	10.0 U	0.60 U	10.0	**10.0**
Iron	—	— —	—	—	—	—	6,820	3970.0		
Lead	—	— —	—	—	—	—	1.8 J	4.6		
Magnesium	—	— —	—	—	—	—	49,800	59,300 J		
Manganese	—	— —	—	—	—	—	155	461		
Mercury	—	— —	—	—	—	—	0.20 U	0.10 UJ		
Nickel	—	— —	—	—	—	—	3.1 B	8.3 B		
Potassium	—	— —	—	—	—	—	3,680 J	13,100		
Selenium	—	— —	—	—	—	—	5.0 U	3.1 UJ		
Silver	—	— —	—	—	—	—	10.0 U	0.40 U		
Sodium	—	— —	—	—	—	—	34,000	59,500 J		
Thallium	—	— —	—	—	—	—	2.3 B	1.8 U		
Vanadium	—	— —	—	—	—	—	50.0 U	18.2 B		
Zinc	—	— —	—	—	—	—	71.0 J	80.5		
Volatile Organic Compounds (VOCs)	—	BRL —	BRL	—	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	— —	—	—	—	BRL	BRL	—		
Pesticides / PCBs	—	— —	—	—	—	BRL	BRL	—		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in **BOLD** indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
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Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-63

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	16.3	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U	15.4 U	15.3 U		200
Antimony	4.0	4.0	4.0	4.4	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0	5.3	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	20	10
Barium	29.1	56.4	39.8 J	27.6	31.0 B	44.5 J	32.8 B	21.3 B	32.0 J	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	173,000	232,000	277,000	320,000	213,000	240,000	392,000	271,000	266,000 J		5,000
Chromium	2.5	3.0	2.5 J	1.2	2.0 B	1.9 B	5.7 B	0.30 U	3.6 B	11	10
Cobalt	1.5	1.5	1.3	0.40	1.1 B	1.9 B	0.20 U	0.20 U	0.30 U		50
Copper	1.4	1.4	2.9	0.70	4.2 B	0.70 U	8.1 B	3.0 B	4.2 B	25	25
Iron	**189**	**253**	**173**	15.1	**114**	8.5 U	47.8 B	8.5 U	**265**	7,000	100
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 UJ	0.80 U	0.80 U	1.2 B	4.2	3
Magnesium	38,400	49,900	65,900	80,300	49,900	51,900	93,500	69,900	65,600 J		5,000
Manganese	1,200	1,790 J	985 J	441	1,300	887 J	107	12.7 B	1,470		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.2	0.2
Nickel	2.1	2.2	2.3	1.3	2.0 B	3.2 B	1.8 B	0.40 U	2.0 B	96	40
Potassium	5,550	8,280	6,300 J	6,640 J	5,440	6,680 J	5,620 J	3,550 B	5,390		5,000
Selenium	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	5
Silver	1.0	1.0	1.0	2.1	0.30 U	0.30 U	0.50 B	0.30 U	0.40 U	10	10
Sodium	30,000	48,900	44,800	48,400	33,100 J	49,400 J	59,600	31,700	40,100 J		5,000
Thallium	2.6	2.6	2.6	3.1	5.8 B	5.0 B	1.7 U	3.6 B	1.8 U	40	10
Vanadium	1.2	25.3	15.2	17.9	16.4 B	9.2 B	18.3 J	2.4 B	18.5 B		50
Zinc	0.7	0.7	9.2	1.1	19.5 B	5.5 B	10.9 J	10.0 B	14.3 B	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	26,400 J	14,700	13,100 J	17,600 J	13,200 J	1,730 J	6,970	1,370 J	3,550		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ	2.4 U	1.6 U		
Arsenic	15.5	11.5	4.0	5.3	20.4	2.4 U	2.4 U	2.4 UJ	2.5 UJ		
Barium	204	152	118 J	124	119 B	53.1 J	64.6 B	29.0 B	49.7 J		
Beryllium	1.4	0.70	0.80	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.20 B		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	412,000	343,000	351,000	507,000	305,000	266,000	426,000	272,000	267,000 J		
Chromium	36.5 J	22.3	31.2 J	31.6	21.5 J	4.1 B	15.0 J	2.0 B	8.4 B		
Cobalt	26.2	16.1	13.4	16.5	14.1 B	3.3 B	5.0 B	1.1 B	2.5 B		
Copper	22.1	6.4	23.3	50.2 J	24.8 J	6.3 B	5.0 J	6.4 B	11.1 B		
Cyanide	0.7	3.1	0.6	0.6	0.60 U	10.3	0.60 U	0.60 U	0.60 U	10	10
Iron	56,900	36,100	32,100	40,600	33,700	4,620 J	15,600	2,700	7,590		
Lead	40.1	26.4 J	16.0	24.1	22.8 J	2.5 B	10.2 J	0.8 UJ	5.7		
Magnesium	96,100	77,500	83,700	114,000	73,500	56,600	103,000	70,700	64,600 J		
Manganese	3,250	2,860	2,150 J	2,160	2,390	1,220 J	734	164	1,060		
Mercury	0.1	0.1	0.1	0.10	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ		
Nickel	51.5	32.4	29.1	32.9	29.9 B	8.2 B	14.4 J	1.5 B	8.1 B		
Potassium	12,400 J	10,800	8,240 J	9,330 J	7,990 J	7,570 J	7,150	4,080 J	6,250		
Selenium	4.9	5.9 J	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ	3.9 U	3.1 UJ		
Silver	1.0 UJ	1.5	2.5	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	37,900	50,100	45,300	46,900	38,500	54,800 J	63,500	30,100	36,600 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	4.7 B	7.4 J	1.7 U	4.1 B	1.8 U		
Vanadium	12.6	59.0	41.1	52.9	42.0 J	10.2 B	26.5 J	1.0 U	25.6 B		
Zinc	148 J	92	99	142 J	115	23.6	55.0 J	19.4 J	38.5		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
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10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
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Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-64

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U	15.4 U	15.3 U		**200**
Antimony	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	4.0	4.0	4.0	5.3	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	20	**10**
Barium	35.0	44.6	34.3 J	35.7	40.6 B	40.2 J	42.0 B	43.1 B	48.6 J	1,000	**200**
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	163,000	182,000	166,000	179,000	168,000	164,000	188,000	166,000	151,000 J		**5,000**
Chromium	4.2	4.5	2.5 J	2.3	2.7 B	3.1 B	3.6 B	0.4 B	3.3 B	11	**10**
Cobalt	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.80 B	1.00 B	2.0 B		**50**
Copper	1.4	1.4	3.8	0.70	4.9 B	3.5 B	7.2 B	2.8 B	3.5 B	25	**25**
Iron	12.9	12.9	12.9	8.1	59.2 B	8.5 U	21.6 B	8.5 U	8.1 U	7,000	**100**
Lead	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	0.80 U	**3.2**	4.2	**3**
Magnesium	52,400	58,000	52,500	57,100	51,700	49,600	58,800	54,000	51,500 J		**5,000**
Manganese	25.0	195.0 J	264.0 J	147	302	269	787	1150	2,080		**15**
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2	**0.2**
Nickel	3.0	2.7	2.4	1.6	1.8 B	2.4 B	8.4 B	2.9 B	4.6 B	96	**40**
Potassium	8,910	12,400	7,530 J	9,720 J	7,890	8,920 J	20,100 J	12,400	17,100		**5,000**
Selenium	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	3.9 U	3.1 U	8.5	**5**
Silver	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U	10	**10**
Sodium	42,800	53,900	35,600	42,200	36,700 J	39,600 J	55,300	39,400	41,300 J		**5,000**
Thallium	2.6	2.6	2.6	3.1	3.4 B	1.7 U	2.3 B	2.9 B	1.8 U	40	**10**
Vanadium	1.2	26.9	12.7	14.1	15.9 B	10.5 B	13.9 J	3.2 B	14.3 B		**50**
Zinc	0.7	0.7	7.8	1.1	12.6 B	10.2 B	6.4 J	7.4 B	10.2 B	86	**20**
Inorganics - Metals and Cyanide (Total)											
Aluminum	6,580 J	10,000	15,900 J	11,000 J	13,700 J	1,780 J	15,600	1,730 J	583		
Antimony	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ	2.4 UJ	1.6 U		
Arsenic	4.0	4.0	4.0	5.3	15.9	2.4 U	2.4 B	2.4 UJ	2.5 UJ		
Barium	58.2	70.5	79.3 J	73.0	74.8 B	49.8 J	84.9 B	39.7 B	56.2 J		
Beryllium	0.50	0.50	0.80	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	194,000	229,000	277,000	280,000	230,000	186,000	252,000	228,000	167,000 J		
Chromium	13.5 J	19.1	41.2 J	23.4	25.4 J	5.4 B	25.8 J	2.3 B	4.8 B		
Cobalt	7.9	12.0	17.7	13.1	15.3 B	3.0 B	19.6 B	2.4 B	3.8 B		
Copper	1.4	1.4	11.7	36.2 J	14.9 J	6.8 B	3.4 J	5.6 B	5.2 B		
Cyanide	0.7	14.9	0.6	0.6	0.60 U	7.3 B	2.0 B	0.60 B	3.0 B	10	**10**
Iron	14,900	23,900	39,500	22,900	31,800	4,080 J	37,200	2,690	2,030		
Lead	6.8	10.9 J	8.3	12.1	10.9 J	2.1 B	11.8 J	0.8 UJ	1.8 B		
Magnesium	59,400	65,300	70,800	78,000	62,500	53,600	71,600	64,800	56,700 J		
Manganese	1,190	1,760	2,430 J	2,290	1,920	702 J	3,830	1,200	2,690		
Mercury	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ		
Nickel	15.9	25.3	36.0	25.7	32.0 B	5.7 B	39.1 J	4.4 B	7.0 B		
Potassium	9,990 J	14,100	11,200 J	17,000 J	11,900 J	8,710 J	22,100	10,400 J	20,800		
Selenium	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ	3.9 U	3.1 UJ		
Silver	1.0 UJ	1.0	4.3	2.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	41,400	54,800	39,500	59,600	40,600	39,500 J	56,600	38,200	47,400 J		
Thallium	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B	6.1 B	1.7 U	2.7 B	1.8 U		
Vanadium	1.2	44.4	41.1	34.2	36.8 J	12.9 B	38.2 J	1.0 U	18.3 B		
Zinc	31.9 J	52.4	88.5	78.9 J	93.0	16.2 B	79.6 J	22.3 J	14.0 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
16) Switch to different format for fourth quarter 2007

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-65

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]	Well Dry	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume				
Aluminum	—	—	—	—	—	—	15.4 U	88.5 B		**200**
Antimony	—	—	—	—	—	—	2.4 U	1.6 U	60	**60**
Arsenic	—	—	—	—	—	—	2.4 UJ	2.5 U	10	**10**
Barium	—	—	—	—	—	—	31.0 B	28.5 J	1,000	**200**
Beryllium	—	—	—	—	—	—	0.10 U	0.10 U	5	**5**
Cadmium	—	—	—	—	—	—	0.10 U	0.10 U	5	**5**
Calcium	—	—	—	—	—	—	169,000	190,000 J		**5,000**
Chromium	—	—	—	—	—	—	0.30 U	6.4 B	11	**10**
Cobalt	—	—	—	—	—	—	0.20 U	0.3 U		**50**
Copper	—	—	—	—	—	—	1.3 B	3.2 B	25	**25**
Iron	—	—	—	—	—	—	**124**	8.1 U	5,000	**100**
Lead	—	—	—	—	—	—	0.80 UJ	2.3 B	4.2	**3**
Magnesium	—	—	—	—	—	—	108,000	138,000 J		**5,000**
Manganese	—	—	—	—	—	—	0.30 U	0.20 U		**15**
Mercury	—	—	—	—	—	—	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	—	—	—	—	—	—	0.40 U	0.40 U	96	**40**
Potassium	—	—	—	—	—	—	3,870 B	3980.0 B		**5,000**
Selenium	—	—	—	—	—	—	3.9 U	3.1 U	8.5	**5**
Silver	—	—	—	—	—	—	0.30 U	0.40 U	10	**10**
Sodium	—	—	—	—	—	—	30,000	31800.0 J		**5,000**
Thallium	—	—	—	—	—	—	3.8 B	1.8 U	40	**10**
Vanadium	—	—	—	—	—	—	1.0 U	29.1 B		**50**
Zinc	—	—	—	—	—	—	9.4 B	14.4 B	86	**20**
Inorganics - Metals and Cyanide (Total)										
Aluminum	—	—	—	—	—	—	2,610	2,450		
Antimony	—	—	—	—	—	—	60.0 U	1.6 U		
Arsenic	—	—	—	—	—	—	10.0 UJ	2.5 UJ		
Barium	—	—	—	—	—	—	48.3 B	40.6 J		
Beryllium	—	—	—	—	—	—	0.10 B	0.10 U		
Cadmium	—	—	—	—	—	—	5.00 U	0.10 U		
Calcium	—	—	—	—	—	—	181,000	191000.0 J		
Chromium	—	—	—	—	—	—	6.7 B	12.5		
Cobalt	—	—	—	—	—	—	2.5 B	2.5 B		
Copper	—	—	—	—	—	—	6.7 B	9.1 B		
Cyanide	—	—	—	—	—	—	10.0 U	0.60 U	10	**10**
Iron	—	—	—	—	—	—	7,680	7,060		
Lead	—	—	—	—	—	—	4.4 J	7.7		
Magnesium	—	—	—	—	—	—	114,000	139,000 J		
Manganese	—	—	—	—	—	—	232	192		
Mercury	—	—	—	—	—	—	0.20 U	0.10 UJ		
Nickel	—	—	—	—	—	—	5.9 B	4.7 B		
Potassium	—	—	—	—	—	—	4,630 J	4,740 B		
Selenium	—	—	—	—	—	—	5.0 U	3.1 U		
Silver	—	—	—	—	—	—	10.00 U	0.40 U		
Sodium	—	—	—	—	—	—	31,600	32,500 J		
Thallium	—	—	—	—	—	—	4.1 B	2.5 B		
Vanadium	—	—	—	—	—	—	4.5 B	34.3 B		
Zinc	—	—	—	—	—	—	31.5 J	30.7		
Volatile Organic Compounds (VOCs)	—	BRL	BRL	BRL	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	BRL	—	BRL	—	BRL	BRL	—		
Pesticides / PCBs	—	BRL	—	—	—	BRL	BRL	—		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
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Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-50

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	22.7	16.4	15.4 U	19.7 B	15.4 U	15.4 U	26.0 B		200
Antimony	4.0	4.0	4.0	5.7	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	20	10
Barium	43.6	50.9	41.3	37.8	45.4 B	67.6 B	36.5 B	37.9 B	44.8 B	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	72,300	94,600	80,300 J	84,900	74,800	103,000	69,800	77,300	80,600		5,000
Chromium	1.8	1.8	2.8	1.8	1.1 B	2.4 B	1.7 B	0.8 B	1.4 B	11	10
Cobalt	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		50
Copper	1.4	1.4	1.4	0.7	4.1 B	0.7 U	4.2 J	3.3 B	2.3 B	25	25
Iron	14.4	12.9	12.9	10.5	9.3 B	10.2 B	43.7 B	8.5 U	8.1 U	7,000	100
Lead	1.8	1.8	1.8	1.4 UJ	0.80 U	0.80 U	0.80 U	0.80 U	1.8 B	4.2	3
Magnesium	22,100	25,100	22,700 J	21,200	22,900	29,200	17,400	20,200	21,100		5,000
Manganese	1.9	2.3	2.9 J	7.5	13.7 B	3.5 B	4.0 B	0.3 U	0.40 B		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	0.40 U	0.50 B	96	40
Potassium	2,860 J	3,370	2,590 J	2,830	3,130 B	4,760 J	2,410 B	1,640 B	2,640 B		5,000
Selenium	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	3.9 UJ	3.9 UJ	3.9 U	3.1 U	8.5	5
Silver	1.0	1.0	1.0	1.1	0.30 U	0.30 B	0.30 U	0.30 U	0.40 U	10	10
Sodium	45,900	45,100	29,800 J	79,400	42,400	42,500	42,400	56,300	34,500		5,000
Thallium	2.6	2.6	2.6	4.1	3.0 B	3.3 B	3.1 B	3.1 B	3.5 B	40	10
Vanadium	1.2	15.2	1.2	7.0	9.7 B	1.1 B	2.8 B	1.0 U	6.5 B		50
Zinc	1.3	**73.6** J	0.70	1.1	3.1 B	8.8 B	8.9 B	8.0 B	10.6 B	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	36.7	14.8	82.1	609	15.4 U	36.9 B	302	111 B	299		
Antimony	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U		
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U		
Barium	43.6	49.6	42.8	42.2	43.9 B	68.8 B	40.5 B	39.0 B	47.3 B		
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	72,200	92,800	82,300	85,300	71,900	106,000	74,100	78,300	78,000		
Chromium	1.8	1.7	3.0	3.0	1.0 B	2.5 B	2.1 B	0.70 B	1.9 B		
Cobalt	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 J	0.20 U	0.30 U		
Copper	1.4	1.4	1.5	0.70	3.8 B	0.70 U	4.7 B	3.5 B	3.3 B		
Cyanide	0.60	2.1	0.60	0.60	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	10	10
Iron	19.3	12.9	140 J	1010	35.1 B	71.7 B	508 J	142	525		
Lead	1.8	1.8	1.8	1.4 UJ	0.8 U	0.9 J	0.80 U	0.80 U	2.0 B		
Magnesium	22,100	24,800	22,900 J	21,500	21,900	29,600	17,700	20,900	20,600		
Manganese	3.3	3.9	6.4 J	28.7	6.5 B	5.8 B	36.0 J	1.5 B	24.1		
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Nickel	0.50	0.50	0.50	0.40	2.9 B	0.40 U	0.40 U	0.40 U	0.60 B		
Potassium	2,880 J	3,240	2,660 J	2,960	3,020 B	4,870 J	2,430 J	1,680 B	2,640 B		
Selenium	4.9 UJ	4.9 UJ	4.9	3.5 UJ	3.9 U	3.9 UJ	3.9 U	3.9 U	3.1 U		
Silver	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	46,300	43,900	30,800 J	78,600	41,300	43,000 J	42,100 J	57,900	33,600		
Thallium	2.6	2.6	2.6	4.1	1.7 U	2.8 B	1.7 U	5.4 B	2.8 B		
Vanadium	1.2	15.5	1.2	8.4	7.6 B	2.6 B	3.1 B	1.0 U	5.2 B		
Zinc	1.3	4.5	1.8	1.1	3.1 B	2.6 B	6.3 B	8.9 B	12.0 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
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9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-51

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]											
Aluminum	14.8	14.8	14.8	16.4	15.4 U	15.4 U	15.4 U	15.4 U	15.3 U		200
Antimony	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	20	10
Barium	48.3	49.9	42.7	41.6	42.4 B	60.1 B	42.5 B	41.0 B	47.9 B	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	83,100	92,900	82,400 J	103,000	68,700	97,600	88,800	84,500	80,400		5,000
Chromium	1.8	1.8	2.8	2.3	1.1 B	2.0 B	2.4 B	0.60 B	1.4 B	11	10
Cobalt	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		50
Copper	1.4	1.4	1.4	0.70	3.8 B	0.70 U	4.1 J	3.1 B	3.4 B	25	25
Iron	12.9	12.9	21.5 J	10.5	12.6 B	11.3 B	8.9 B	8.5 U	8.1 U	7,000	100
Lead	1.8	1.8	1.8	1.4 UJ	0.8 U	0.8 U	0.80 U	0.80 U	1.2 B	4.2	3
Magnesium	23,500	25,700	23,000 J	28,400	22,300	26,600	21,600	22,100	21,900		5,000
Manganese	6.0	2.7	6.3 J	4.4	22.4	20.7	2.0 B	0.3 U	1.7 B		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.60	0.50	0.50	0.40	0.60 B	0.40 U	0.40 U	0.40 U	0.40 U	96	40
Potassium	2,770 J	3,300	2,770 J	2,520	3,230 B	4,290 J	2,220 B	1,740 B	2760.0 B		5,000
Selenium	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	3.9 UJ	3.9 UJ	3.9 U	3.1 UJ	8.5	5
Silver	1.0	1.0	1.0	1.1	0.3 U	0.3 U	0.30 U	0.30 U	0.40 U	10	10
Sodium	45,200	45,800	30,200 J	61,900	42,800	41,300 J	42,100	61,400	37,000		5,000
Thallium	2.6	2.6	2.6	4.1	2.7 B	2.9 B	1.7 U	6.8 B	1.8 U	40	10
Vanadium	1.2	15.6	1.2	8.0	5.9 B	2.2 B	4.0 B	1.5 B	4.8 B		50
Zinc	1.9	2.8 J	5.1	1.1	5.4 B	5.0 B	1.1 U	8.1 B	12.1 B	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	36.2	23.4	512.0	60.4	15.4 U	53.5 B	98.8 B	117.0 B	44.8 B		
Antimony	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U		
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U		
Barium	48.2	48.4	30.0	42.6	39.5 B	61.8 B	40.7 B	40.2 B	42.1 B		
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	82,800	89,600	94,200 J	105000	69,300	99,800	82,400	81,900	72,700		
Chromium	2.0	1.8	2.8	2.5	1.1 B	2.3 B	1.9 B	0.6 B	1.3 B		
Cobalt	0.70	0.70	1.10	0.60	0.20 U	0.20 U	0.20 U	0.20 U	3.0 U		
Copper	1.4	1.4	1.4	0.70	3.9 B	0.70 U	3.8 J	3.2 B	2.4 B		
Cyanide	0.60	0.70	0.60	0.60	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	10	10
Iron	55.9	12.9	916.0 J	77.8	64.4 B	69.0 B	174 J	144	79.7 B		
Lead	1.8	1.8	1.8	1.4 UJ	0.8 U	1.1 J	0.80 U	0.80 U	1.7 B		
Magnesium	23,600	24,600	19,200 J	28900	22,200	26,900	20,700	21,100	19,700		
Manganese	7.7	5.1	49.5 J	6.2	20.9	23.7	5.3 J	1.9 B	4.6 B		
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Nickel	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U		
Potassium	2,810 J	3,200	3,200 J	2,780	3,190 B	4,430 J	2,130 J	1,710 B	2,470 B		
Selenium	4.9 UJ	4.9 UJ	4.9	3.5	3.9 U	3.9 UJ	3.90 UJ	3.90 U	3.1 UJ		
Silver	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	46,400	44,500	6,610 J	62,800	41,700	42,100 J	40,400 J	59,000 J	33,300		
Thallium	2.6	2.6	2.6	4.1	1.9 B	2.9 B	1.7 U	4.4 B	1.8 U		
Vanadium	1.2	15.5	1.2	8.6	8.9 B	1.2 B	2.5 B	1.0 U	4.1 B		
Zinc	0.7	2.9	13.3	1.1	8.2 B	3.2 B	1.5 B	9.1 B	9.8 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-52

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]											
Aluminum	15.7	14.8	14.8	16.4	15.4 U	18.5 B	15.4 U	15.4 U	26.7 B		200
Antimony	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	60	60
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U	20	10
Barium	48.0	53.1	43.8	44.8	47.4 B	64.7 B	41.6 B	39.2 B	48.5 B	1,000	200
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	5	5
Calcium	83,100	98,800	82,200 J	108,000	74,700	105,000	87,300	80,100	80,700		5,000
Chromium	1.8	2.0	2.9	4.3	1.1 B	2.2 B	2.0 B	0.50 B	1.6 B	11	10
Cobalt	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		50
Copper	1.4	1.4	2.0	0.70	3.9 B	0.70 U	4.0 J	4.6 B	3.6 B	25	25
Iron	12.9	12.9	18.3 J	10.5	8.5 U	27.1 B	10.9 B	8.5 U	8.1 U	7,000	100
Lead	1.8	1.8	1.8	1.4 UJ	0.8 U	1.0 J	0.80 U	1.50 B	1.7 B	4.2	3
Magnesium	23,200	26,300	23,300 J	30,300	21,700	27,100	21,600	21,100	22,300		5,000
Manganese	4.9	6.0	13.8 J	6.2	21.4	25.9	2.2 B	0.30 U	4.6 B		15
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	96	40
Potassium	2,690 J	3,390	2,730 J	2,330	3,070 B	4,370 J	2,180 B	1,630 B	2,710 B		5,000
Selenium	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	3.9 UJ	3.9 UJ	3.9 U	3.1 UJ	8.5	5
Silver	1.0	1.0	1.0	1.1	0.30 U	0.40 B	0.30 U	0.30 U	0.40 U	10	10
Sodium	46,100	48,200	30,500 J	65,200	41,800	42,200 J	42,500	59,700	37,900		5,000
Thallium	2.6	2.6	2.6	4.1	1.9 B	3.9 B	2.0 B	3.4 B	1.8 U	40	10
Vanadium	1.2	14.7	1.2	8.3	8.9 B	2.9 B	3.9 B	1.9 B	4.9 B		50
Zinc	0.7	3.7 J	2.9	1.1	2.3 B	3.6 B	1.6 B	8.8 B	**24.7**	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	33.6	21.4	118	109	139 B	106 B	68.3 B	154 B	117 B		
Antimony	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U		
Arsenic	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	2.4 U	2.5 U		
Barium	48.6	52.2	46.6	42.5	50.2 B	66.5 B	40.9 B	41.0 B	42.4 B		
Beryllium	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Calcium	83,700	95,300	86,800 J	104,000	77,900	106,000	82,600	81,700	77,900		
Chromium	1.6	2.0	3.0	1.0	1.3 B	2.2 B	2.1 B	0.70 B	1.9 B		
Cobalt	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U		
Copper	1.4	1.4	2.3	0.70	4.3 B	0.70 U	3.8 J	3.9 B	3.3 B		
Cyanide	0.60	0.60	0.60	0.60	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	10	10
Iron	49.3	12.9	204 J	142	341	145	168 J	214.0	139		
Lead	1.8	1.8	1.8	1.4 UJ	0.80 U	0.80 U	0.80 U	0.80 U	1.8 B		
Magnesium	23,100	26,000	24,200 J	29,900	22,700	27,100	20,500	21,300	20,800		
Manganese	7.8	11.2	20.4 J	8.8	43.7	37.4	5.7 J	3.7 B	9.8 B		
Mercury	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Nickel	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U		
Potassium	2,780 J	3,300	2,930 J	2,790	3,250	4,460 J	2,070 J	1,730 B	2,610 B		
Selenium	4.9 UJ	4.9 UJ	4.9	3.5	3.9 U	3.9 UJ	3.90 UJ	3.9 U	3.1 UJ		
Silver	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U	0.30 U	0.40 U		
Sodium	48,200	46,000	32,300 J	66,300	44,100	43,400 J	40,500 J	60,700	36,900		
Thallium	2.6	2.6	2.6	4.1	4.5 B	4.1 B	3.4 B	4.2 B	1.9 B		
Vanadium	1.2	16.2	1.2	9.5	6.8 B	2.7 B	3.2 B	1.3 B	6.2 B		
Zinc	6.2	3.9	1.9	1.1	6.9 B	3.2 B	1.1 U	9.6 B	17.3 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
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6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-1

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-06	Sep-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry	Location Dry	Location Dry	Location Dry					
Aluminum	—	—	—	—	—	15.4 U	15.4 U	15.3 U		**200**
Antimony	—	—	—	—	—	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	—	—	—	—	—	2.4 U	2.4 U	2.5 U	20	**10**
Barium	—	—	—	—	—	31.3 B	18.1 B	41.8 J	1,000	**200**
Beryllium	—	—	—	—	—	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	—	—	—	—	—	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	—	—	—	—	—	85,000	51,200	59,100 J		**5,000**
Chromium	—	—	—	—	—	1.2 B	0.30 U	1.0 B	11	**10**
Cobalt	—	—	—	—	—	0.20 U	0.20 U	0.30 U		**50**
Copper	—	—	—	—	—	2.0 J	2.1 B	4.7 B	25	**25**
Iron	—	—	—	—	—	8.5 U	8.5 U	10.6 B	7,000	**100**
Lead	—	—	—	—	—	0.80 U	0.80 U	1.9 B	4.2	**3**
Magnesium	—	—	—	—	—	13,800	8,700	8,500 J		**5,000**
Manganese	—	—	—	—	—	0.3 U	0.30 U	1.3 B		**15**
Mercury	—	—	—	—	—	0.10 U	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	—	—	—	—	—	0.40 U	0.40 U	0.60 B	96	**40**
Potassium	—	—	—	—	—	3,250 B	2,570 B	5,580		**5,000**
Selenium	—	—	—	—	—	3.9 UJ	3.9 U	3.1 U	8.5	**5**
Silver	—	—	—	—	—	0.30 U	0.30 U	0.40 U	10	**10**
Sodium	—	—	—	—	—	1,260 B	1,670 B	2,400 J		**5,000**
Thallium	—	—	—	—	—	1.8 B	3.0 B	2.1 B	40	**10**
Vanadium	—	—	—	—	—	2.0 B	1.0 U	1.9 B		**50**
Zinc	—	—	—	—	—	81.2	**42.8**	227	86	**20**
Inorganics - Metals and Cyanide (Total)										
Aluminum	—	—	—	—	—	15.4 U	209	921		
Antimony	—	—	—	—	—	2.4 U	2.4 U	1.6 U		
Arsenic	—	—	—	—	—	2.4 U	2.4 U	2.5 UJ		
Barium	—	—	—	—	—	33.1 B	18.8 B	47.9 J		
Beryllium	—	—	—	—	—	0.10 U	0.10 U	0.10 U		
Cadmium	—	—	—	—	—	0.10 U	0.10 U	0.10 U		
Calcium	—	—	—	—	—	91,100	52,000	5,800 J		
Chromium	—	—	—	—	—	1.3 B	0.60 B	2.1 B		
Cobalt	—	—	—	—	—	0.20 U	0.20 U	0.80 B		
Copper	—	—	—	—	—	2.5 J	2.2 B	6.8 B		
Cyanide	—	—	—	—	—	0.60 U	0.60 U	0.60 B	10	**10**
Iron	—	—	—	—	—	72.8 J	361.0	1,760		
Lead	—	—	—	—	—	0.80 U	0.80 U	3.1		
Magnesium	—	—	—	—	—	14,600	8790.0	8,730		
Manganese	—	—	—	—	—	3.8 J	5.4 B	27.3		
Mercury	—	—	—	—	—	0.10 U	0.10 U	0.10 UJ		
Nickel	—	—	—	—	—	0.40 U	0.40 U	2.2 B		
Potassium	—	—	—	—	—	3,490 J	2,580 B	6,000		
Selenium	—	—	—	—	—	3.9 UJ	3.9 U	3.1 UJ		
Silver	—	—	—	—	—	0.30 U	0.30 U	0.40 U		
Sodium	—	—	—	—	—	1,290 J	1690.0 B	2,370 J		
Thallium	—	—	—	—	—	4.0 B	4.6 B	1.8 U		
Vanadium	—	—	—	—	—	1.5 B	1.0 U	2.6 B		
Zinc	—	—	—	—	—	85.6	47.6	233		
Volatile Organic Compounds (VOCs)	—	—	—	—	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	—	—	BRL	BRL	BRL		
Pesticides / PCBs	—	—	—	—	—	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
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7) U = Indicates compound was analyzed for but not detected.
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9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-2

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-06	Sep-06 ##	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08		
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry		Location Dry	Location Dry					
Aluminum	—	— —	43.2	—	—	15.4 U	15.4 U	15.3 U		**200**
Antimony	—	— —	4.0	—	—	2.4 U	2.4 U	1.6 U	**60**	**60**
Arsenic	—	— —	3.8	—	—	2.4 U	2.4 U	2.5 U	**20**	**10**
Barium	—	— —	22.5	—	—	21.1 B	20.8 B	45.3 B	**1,000**	**200**
Beryllium	—	— —	0.10	—	—	0.10 U	0.10 U	0.10 U	**5**	**5**
Cadmium	—	— —	0.10	—	—	0.10 U	0.10 U	0.10 U	**5**	**5**
Calcium	—	— —	129,000	—	—	173,000	109,000	117,000		**5,000**
Chromium	—	— —	2.3	—	—	4.0 B	0.50 B	2.0 B	**11**	**10**
Cobalt	—	— —	0.60	—	—	0.20 J	0.20 U	0.30 U		**50**
Copper	—	— —	0.70	—	—	5.3 B	3.0 B	3.0 B	**25**	**25**
Iron	—	— —	10.5	—	—	8.5 U	8.5 U	8.1 U	**7,000**	**100**
Lead	—	— —	1.4 UJ	—	—	0.8 U	0.8 U	1.2 U	**4.2**	**3**
Magnesium	—	— —	33,000	—	—	50,200	31,200	33,600		**5,000**
Manganese	—	— —	1.3	—	—	1.7 B	0.30 U	0.20 U		**15**
Mercury	—	— —	0.10	—	—	0.10 U	0.10 U	0.10 U	**0.2**	**0.2**
Nickel	—	— —	0.40	—	—	0.40 U	0.40 U	0.40 U	**96**	**40**
Potassium	—	— —	2,420	—	—	2,640 B	1,870 B	2,730 B		**5,000**
Selenium	—	— —	3.5 R	—	—	3.9 UJ	3.9 U	3.1 U	**8.5**	**5**
Silver	—	— —	1.1	—	—	0.30 B	0.30 U	0.40 U	**10**	**10**
Sodium	—	— —	2,500	—	—	2,330 B	2,350 B	2,470 B		**5,000**
Thallium	—	— —	4.1	—	—	3.6 B	5.0 B	1.8 B	**40**	**10**
Vanadium	—	— —	9.3	—	—	6.4 B	1.0 U	9.8 B		**50**
Zinc	—	— —	1.1	—	—	2.3 B	9.9 B	10.0 B	**86**	**20**
Inorganics - Metals and Cyanide (Total)										
Aluminum	—	— —	23.2	—	—	15.4 U	15.4 U	15.3 U		
Antimony	—	— —	4.0	—	—	2.4 U	2.4 U	1.6 U		
Arsenic	—	— —	3.8	—	—	2.4 U	2.4 U	2.5 U		
Barium	—	— —	21.5	—	—	20.1 B	19.5 B	44.9 B		
Beryllium	—	— —	0.1	—	—	0.10 U	0.10 U	0.10 U		
Cadmium	—	— —	0.1	—	—	0.10 U	0.10 U	0.10 U		
Calcium	—	— —	130,000	—	—	166,000	108,000	118,000		
Chromium	—	— —	2.0	—	—	3.8 B	0.5 B	1.8 B		
Cobalt	—	— —	0.60	—	—	0.20 U	0.20 U	0.30 U		
Copper	—	— —	0.70	—	—	5.1 J	2.8 B	2.7 B		
Cyanide	—	— —	0.60	—	—	0.60 U	0.60 U	0.70 B	**10**	**10**
Iron	—	— —	54.2	—	—	8.50 J	8.50 U	8.1 U		
Lead	—	— —	1.4 UJ	—	—	0.80 U	0.80 U	1.2 U		
Magnesium	—	— —	32,000	—	—	48,600	30,100	32,600		
Manganese	—	— —	2.7	—	—	1.1 J	0.30 U	0.20 U		
Mercury	—	— —	0.10	—	—	0.10 U	0.10 U	0.10 U		
Nickel	—	— —	1.1	—	—	0.40 B	0.40 U	0.40 U		
Potassium	—	— —	2,310	—	—	2,520 J	1,810 B	2,650 B		
Selenium	—	— —	3.5	—	—	3.90 U	3.90 U	3.1 U		
Silver	—	— —	1.1	—	—	0.30 B	0.30 U	0.40 U		
Sodium	—	— —	2,320	—	—	2,190 J	1,930 B	2,300 B		
Thallium	—	— —	4.1	—	—	2.3 B	4.6 B	1.8 U		
Vanadium	—	— —	8.9	—	—	5.3 B	1.0 U	8.8 B		
Zinc	—	— —	1.1	—	—	1.3 B	12.4 B	9.0 B		
Volatile Organic Compounds (VOCs)	—	— —	BRL	—	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	— —	BRL	—	—	BRL	BRL	BRL		
Acenaphthene	—	— —		—	—			**140 J**	**520**	**10**
Anthracene	—	— —		—	—			9.0 J		
Fluorene	—	— —		—	—			96 J		
Phenanthrene	—	— —		—	—			**95 J**	**10**	**10**
2-Methylnaphthalene	—	— —		—	—			4100		
4-Methylphenol (p-Cresol)	—	— —		—	—			1300		
2,4-Dimethylphenol	—	— —		—	—			**570**	**2120**	**10**
Phenol	—	— —		—	—			**2400**	**370**	**10**
Pyrene	—	— —		—	—			31 J		
Naphthalene	—	— —		—	—			**2600**	**44**	**10**
Fluoranthene	—	— —		—	—			**16 J**	**10**	**10**
Pesticides / PCBs	—	— —	BRL	—	—	BRL	BRL	BRL		

Notes:

2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

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Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-3

Compound	Jun-06	Sep-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Location Dry				Location Dry					
Aluminum	—	14.8	16.4	14.5 U	—	15.4 U	15.4 U	28.6 B		**200**
Antimony	—	4	4.0	2.4 U	—	2.4 U	2.4 U	1.6 U	60	**60**
Arsenic	—	4 UJ	3.8	2.4 U	—	2.4 U	2.4 U	2.5 U	20	**10**
Barium	—	30.6	25.1	29.7 B	—	31.1 B	5.6 B	9.5 J	1,000	**200**
Beryllium	—	0.5	0.1	0.10 U	—	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	—	0.1	0.1	0.10 U	—	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	—	82,600 J	97,800	91,400	—	93,300	23,200	22,200 J		**5,000**
Chromium	—	1.2	2.6	1.0 B	—	1.5 B	0.30 U	0.4 B	11	**10**
Cobalt	—	0.7	0.6	0.20 U	—	0.20 U	0.20 U	0.30 U		**50**
Copper	—	1.4	0.7	5.4 B	—	2.9 J	1.2 B	1.3 B	25	**25**
Iron	—	12.9 J	12.7	8.5 U	—	8.5 U	8.5 U	60.2 B	7,000	**100**
Lead	—	1.8	1.4 UJ	0.80 U	—	0.80 U	0.80 U	1.2 U	4.2	**3**
Magnesium	—	18,400 J	22,100	21,100	—	10,900	2,370 B	2,120 J		**5,000**
Manganese	—	0.9 J	45.2	10.7 B	—	0.30 U	0.30 U	4.0 B		**15**
Mercury	—	0.10	0.10	0.10 U	—	0.10 U	0.10 U	0.10 UJ	0.2	**0.2**
Nickel	—	0.50	0.40	0.40 U	—	0.40 U	0.40 U	0.90 B	96	**40**
Potassium	—	3,540 J	2,830	5,970	—	2,080 B	2,060 B	7,440		**5,000**
Selenium	—	4.9 R	3.5 R	3.9 U	—	3.9 UJ	3.9 U	3.1 U	8.5	**5**
Silver	—	1	1.1	0.30 U	—	0.30 U	0.30 U	0.40 U	10	**10**
Sodium	—	6,540 J	7,260	12,400	—	298 B	572 B	440 J		**5,000**
Thallium	—	2.6	4.1	3.1 B	—	1.7 U	4.0 B	3.4 B	40	**10**
Vanadium	—	13.8	5.7	6.1 B	—	2.3 B	1.0 U	0.80 U		**50**
Zinc	—	51.6	1.1	2.8 B	—	4.4 B	5.5 B	14.7 B	86	**20**
Inorganics - Metals and Cyanide (Total)										
Aluminum	—	4030	723	194.0 B	—	15.4 U	133 B	351		
Antimony	—	4.0	4.0	2.4 U	—	2.4 U	2.4 U	1.6 U		
Arsenic	—	4.0 UJ	3.8	2.4 U	—	2.4 U	2.4 U	2.5 UJ		
Barium	—	55.3	29.1	30.2 B	—	26.9 B	6.3 B	11.6 J		
Beryllium	—	0.5	0.1	0.10 U	—	0.10 U	0.10 U	0.10 U		
Cadmium	—	0.1	0.1	0.10 U	—	0.10 U	0.10 U	0.10 U		
Calcium	—	94100 J	101000	90,300	—	86,900	23,200	21,900 J		
Chromium	—	5.2	4.1	1.3 B	—	0.90 B	0.40 B	0.70 B		
Cobalt	—	2.4	0.60	0.20 U	—	0.20 U	0.40 B	0.30 U		
Copper	—	1.4	0.70	5.3 B	—	2.0 J	1.1 B	2.3 B		
Cyanide	—	0.60	0.60	0.60 U	—	0.60 U	0.60 U	0.60 B	10	**10**
Iron	—	7240 J	1250	376	—	15.5 J	227	661		
Lead	—	6.0	1.4 UJ	0.80 U	—	0.80 U	0.90 B	2.2 B		
Magnesium	—	20500 J	22800	20,600	—	10,100	2,310 B	2,190 J		
Manganese	—	271.0 J	79.0	22.3	—	0.3 U	1.8 B	29.7		
Mercury	—	0.1	0.1	0.10 U	—	0.10 U	0.10 U	0.10 U		
Nickel	—	4.8	1.4	0.40 U	—	0.40 U	0.40 U	1.4 UJ		
Potassium	—	4360 J	3120	5,900	—	1,970 J	2,080 B	7,630		
Selenium	—	4.9	3.5 UJ	3.9 U	—	3.9 U	3.9 U	3.1 UJ		
Silver	—	1.0	1.1	0.30 U	—	0.30 U	0.30 U	0.40 U		
Sodium	—	6640 J	7310	12,100	—	65.0 J	557 B	352 J		
Thallium	—	2.6	4.1	3.2 B	—	1.7 U	1.7 U	2.6 B		
Vanadium	—	23.5	7.6	6.4 B	—	1.0 U	1.0 U	0.80 U		
Zinc	—	134	3	2.0 B	—	1.5 B	6.8 B	16.9 B		
Volatile Organic Compounds (VOCs)	—	BRL BRL	BRL	BRL	—	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	BRL BRL	BRL	BRL	—	BRL	BRL	BRL		
Pesticides / PCBs	—	BRL BRL	BRL	BRL	—	BRL	BRL	BRL		

Notes:

1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) *Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.*
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

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APPENDIX C

LABORATORY DATA VALIDATION REPORT

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APPENDIX C

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 208060613

PROJECT MANAGER: Ron Rolker

Date: September 10, 2008

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB	Bromofluorobenzene
CC	Continuing Calibration
CCV	Continuing Calibration Verification
CCB	Continuing Calibration Blanks
CLP	Contract Laboratory Program
CRDL	Contract Required Detection Limit
DFTPP	Decafluorotriphenylphosphine
GC/MS	Gas Chromatograph/Mass Spectrometer
IC	Initial Calibration
ICB	Initial Calibration Blank
IDL	Instrument Detection Limit
ICP	Inductively Coupled Plasma
ICS	Interference Check Sample
ICV	Initial Calibration Verification
ILM	Inorganic Analysis Multi-Media Multi-Concentration
INDAM	Individual A Mixture
INDBM	Individual B Mixture
mg/L	milligrams per liter
MS/MSD	Matrix Spike/Matrix Spike Duplicate
OLC	Organic Analysis Low Concentration
OLM	Organic Analysis Multi-Media Multi-Concentration
%D	Percent Difference
% RSD	Percent Relative Standard Deviation
PB	Preparation Blanks
PEM	Performance Evaluation Mix
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RRF	Relative Response Factor
SDG	Sample Delivery Group
SOW	Statement of Work
µg/L	micrograms per liter
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds
VTSR	Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060613 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 208060613.

GCAL #	Sample Description
20806041513	SK-SWD1-1026
20806041514	SK-SWD3-1026
20806041520	SK-SWD1-1026 (DISS)
20806041521	SK-SWD3-1026 (DISS)
20806061301	SK-SW2-1026
20806061302	SK-SW2-1026 (DISS)
20806061304	SK-SW50-1026
20806061305	SK-MS-1026 (SW50)
20806061307	SK-DUP-1026 (SW50)
20806061308	SK-SW51-1026
20806061309	SK-FD-1026 (SW51)
20806061310	SK-SW52-1026
20806061312	SK-SW50-1026 (DISS)
20806061313	SK-MS-1026 (SW50) (DISS)
20806061314	SK-DUP-1026 (SW50) (DISS)
20806061315	SK-SW51-1026 (DISS)
20806061316	SK-FD-1026 (SW51) (DISS)
20806061317	SK-SW52-1026 (DISS)

INTRODUCTION

Analyses of metals were performed according to Contract Laboratory Program (CLP)-Inorganic Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user.

Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Calibration
   A. Initial Calibration (IC)
   B. Continuing Calibration (CC)
3 Blanks
4. Inductively Coupled Plasma (ICP) Interference Check Sample
5. Laboratory Control Sample (LCS)
6. Duplicate Analysis
7. Spike Sample Analysis
8. ICP Serial Dilution
9. System Performance
10. Documentation

11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB above the corresponding Contract Required Detection Limit (CRDL).

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used samples SK-GW07R-1026 and SK-SW50-1026 (total and dissolved fractions) for the duplicate samples. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used samples SK-GW07R-1026 and SK-SW50-1026 (total and dissolved fractions) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) for all analytes with the exception of Selenium (131%) associated with SK-SW50-1026 (DISS). As per the National Functional Guidelines, if the MS percent recovery is greater than 125% then qualify results for that analyte greater than the IDL with "J'.

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects.

The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Barium, Calcium, Magnesium, and Sodium associated with the SK-GW07R-1026 total and dissolved fractions. The serial dilution percent differences were within the acceptance criteria for all target analytes associated with the dissolved fraction. As per the National Functional Guidelines, if the serial dilution %D exceeds the acceptance criteria then qualify results associated with that analyte as estimated with a "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

The laboratory qualified the Lead results with an "E" indicating that the serial dilution result was outside of the acceptance limits. There serial dilution for Lead was within the acceptance limits therefore the data validator manually crossed out the "E". All other documentation submitted for review appeared accurate and in order.

11. OVERALL ASSESSMENT

The percent recoveries for Arsenic in the Contract Required Detection Limit (CRDL) standards analyzed on 6/23/08 were 78%, 88%, 86%, 86%, and 90%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 6/23/08 were 70%, 110%, 114%, 91%, and 67%.

The percent recovery for Mercury in the Contract Required Detection Limit (CRDL) standard analyzed on 6/10/08 was 67%.

As per the National Functional Guidelines, if the CRDL percent recovery is less than 80% then detected results are qualified "J" and non-detected results are qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060613 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 208060613.

GCAL #	Sample Description
20806041513	SK-SWD1-1026
20806041514	SK-SWD3-1026
20806061301	SK-SW2-1026
20806061304	SK-SW50-1026
20806061305	SK-MS-1026 (SW50)
20806061306	SK-MSD-1026 (SW50)
20806061308	SK-SW51-1026
20806061309	SK-FD-1026 (SW51)
20806061310	SK-SW52-1026
20806202601	SK-SWD3-1026 (RE)

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks
5. Surrogate Spike Compounds
6. MS/MSD
7. Internal Standards Performance
8. Compound Identification
9. Constituent Quantitation and Reported Detection Limits
10. System Performance
11. Documentation
12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time.

GCAL reported that the analyst inadvertently forgot to spike sample SK-SWD3-1026 with surrogates therefore the sample was re-extracted. The sample was re-extracted outside the recommended holding times. As per the National Functional Guidelines, if the recommended holding is exceeded then qualify detected results for that sample with "J" and non-detected result with "UJ".

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Three decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 6/17/08 was analyzed on instrument MSSV3 in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent Relative Standard Deviation (%RSD) values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF and the average RRF for the IC was within the acceptance criteria specified in the method for all target compounds. The %RSDs were within the acceptance criteria specified in the method for all target compounds.

B. Continuing Calibration

Three CCs dated 6/17/08, 6/18/08, and 6/20/08 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRFs were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors for the CCs dated 6/17/08 and 6/20/08 were within the acceptance criteria (<25%). The percent difference (%D) between the average RRFs and the CC Response Factors for the CC dated 6/18/08 were within the acceptance criteria (<25%) with the exception of 4,6-Dinitro-o-cresol (-34.9%), Indeno(1,2,3-cd)pyrene (29.3%), Dibenzo(a,h)anthracene (32.8%), and Benzo(g,h,i)perylene (30.1%). As per the National Functional Guidelines, if the %D is outside the $\pm$ 25.0% criterion and the CC RRF is greater than *0.05 then qualify positive results with "J" and non-detected results with "UJ".*

4. BLANKS

Three laboratory semivolatile method blanks were analyzed with this SDG. The results are summarized below.

Method Blank (MB611597)

Bis(2-ethylhexyl)phthalate (2.4 ppb) was detected in the method blank extracted on 6/6/08.

Method Blank (MB612473)

Bis(2-ethylhexyl)phthalate (0.54 ppb) was detected in the method blank extracted on 6/9/08.

Method Blank (MB616717)

Bis(2-ethylhexyl)phthalate (0.66 ppb) was detected in the method blank extracted on 6/18/08.

5. SURROGATE SPIKE COMPOUNDS

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of the following: all surrogates associated with sample SK-SWD3-1026; Nitrobenzene-d5 associated with sample SK-SWD2-1026; and Terphenyl-d14 associated with sample SK-SWD3-1026 (RE). As per the National functional Guidelines, data are not qualified with respect to surrogate recovery unless two or more semivolatile surrogates, within the same fraction (base/neutral or acid fraction), are out of specification. All semivolatile results associated with sample SK-SWD3-1026 were qualified with "R"

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SK-SW50-1026 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of 4-Nitrophenol (96%/95%) associated with the MS/MSD. The percent RPDs between the MS and MSD were within the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD results alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and retention times were within the acceptance limits for the semivolatile analysis.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents.

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

The data validator noticed that %Relative Abundance for the m/e 198 associated with the CC dated 6/18/08 and 6/20/08 was not reported at 100%. A review of the raw data indicated that the %Relative Abundance should have been reported at 100% therefore the data validator manually made the corrections. There were no sample volumes, units, date extracted, or preparation method listed on Form I SV-TIC. The analytical method reported by the GCAL on the Form I SV-TIC was listed as SW-846 8270C when it should have been listed as OLM04.2. The data validator manually made the corrections.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060613 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 208060613.

GCAL #	Sample Description
20806041513	SK-SWD1-1026
20806041514	SK-SWD3-1026
20806061301	SK-SW2-1026
20806061304	SK-SW50-1026
20806061305	SK-MS-1026 (SW50)
20806061306	SK-MSD-1026 (SW50)
20806061308	SK-SW51-1026
20806061309	SK-FD-1026 (SW51)
20806061310	SK-SW52-1026
20806061311	SK-TB-1026

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks
5. System Monitoring Compound Recovery
6. MS/MSD
7. Laboratory Control Sample
8. Internal Standards Performance
9. Compound Identification
10. Constituent Quantitation and Reported Detection Limits
11. System Performance
12. Documentation
13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed one GC/MS system identified as MSV0. Three bromofluorobenzene (BFB) tunes were run on MSV0. The BFB tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

Two ICs dated 6/5/08 and 6/6/08 were analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRFs as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRFs and the average RRF for the ICs dated 6/5/08 and 6/6/08 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. As per the National Functional Guidelines, if any IC RRF is less than 0.05 then qualify detected results for that compound with "J" and non-detected results for that compound with "R".

The %RSDs for the IC dated 6/5/08 were within the acceptance criteria specified in the method for all target compounds. As per the National Functional Guidelines, if the %RSD is greater than 30.0 percent and all initial calibration RRFs greater than or equal to 0.05, qualify positive results with "J", and non-detected volatile target compounds using professional judgement.

The %RSDs for the IC dated 6/6/08 were within the acceptance criteria specified in the method for all target compounds with the exception of 1,1-Dichloroethane.

B. Continuing Calibration

Three CC's dated 6/5/08, 6/6/08, and 6/7/08 were analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRFs and the CC RF's for the CC's dated 6/5/08, 6/6/08, and 6/7/08 were within the acceptance criteria for all target compounds with the exception of Acetone. Acetone was previously qualified under the section titled "Initial Calibration" therefore further data qualification was not warranted.

4. BLANKS

Three laboratory volatile method blanks, a storage blank, and three Trip Blanks were analyzed with this SDG. The results are summarized below.

MB611709

Chloroform (0.47 ppb) was detected in method blank MB611709 analyzed on 6/5/08 (1626).

MB612179

Chloroform (0.56 ppb) and Xylenes (0.034 ppb) were detected in method blank MB612179 analyzed on 6/6/08 (1904).

MB612352

Chloroform (0.47 ppb) was detected in method blank MB612352 analyzed on 6/7/08 (1258).

Storage Blank (VHBLK)

Chloroform (0.59 ppb) was detected in the Storage Blank analyzed on 6/7/08.

Trip Blank

Chloromethane (0.23 ppb), Methylene chloride (0.14 ppb), 2-Butanone (2.6 ppb), and Acetone (9.6 ppb) were detected in the Trip Blank associated with the samples received on 6/7/08.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%).

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1026 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

Three Laboratory Control Samples was analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

13. OVERALL ASSESSMENT

The Acetone detected in sample SK-SWD3-1026 was mitigated by the presence of Acetone in the Trip Blank.

The Methylene chloride detected in sample SK-SWD2-1026 was mitigated by the presence of Methylene chloride in the Trip Blank.

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 208060613 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 208060613.

GCAL #	Sample Description
20806041513	SK-SWD1-1026
20806041514	SK-SWD3-1026
20806061301	SK-SW2-1026
20806061304	SK-SW50-1026
20806061305	SK-MS-1026 (SW50)
20806061306	SK-MSD-1026 (SW50)
20806061308	SK-SW51-1026
20806061309	SK-FD-1026 (SW51)
20806061310	SK-SW52-1026

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
3. IC
4. Calibration Verification
5. Blanks
6. Surrogate Spikes
7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
8. Pesticide Cleanup Checks
9. Target Compound Identification
10. Constituent Quantitation and Reported Detection Limits
11. Documentation
12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time.

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits. The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM).

The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20%. The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ±25.0 percent for the calibration verifications.

5. BLANKS

Two laboratory method blanks were analyzed with this SDG. The results are summarized below.

<u>Method Blank 612010</u>

No constituents were reported by GCAL for the method blank extracted on 6/6/08.

<u>Method Blank 612472</u>

No constituents were reported by GCAL for the method blank extracted on 6/9/08.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples.

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1026 was submitted for MS/MSD analysis. All of the percent recoveries associated with the MS/MSD were within the acceptance criteria with the exception of Dieldrin, Endrin, and Lindane associated with the MS/MSD. All of the percent RPDs between the MS and MSD were within the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable as qualified by the data validator.

REFERENCES

US EPA, 1994. *National Functional Guidelines for Inorganic Data Review.*

US EPA, 1999. *National Functional Guidelines for Organic Data Review.*

August Progress Report – On site Support

Blast Media

- Created questionnaire for blast media recycling vendors
- Meeting with Blast Media recycling vendors
- Site Visit to DeLong Equipment Company

Drinking Water

- Continued updates to the International Drinking Water spreadsheet

Waste Disposal RFP

- Continued development of waste disposal Request for Proposal
- Updated vendor list for RFP
- Discussions regarding distribution, submission and response criteria evaluation

Cargo Waste

- Meeting concerning undeliverable cargo deemed as waste
- Researched Cargo and Dangerous Goods Manual
- Cargo unidentified waste meeting with Waste Storage Manager

Other Tasks

- EPA deactivation letter response
- Created Generic tracking forms for TOC and Waste Storage Facility
- Notice of Permit Violation (NOPV) Response Letter for Wastewater Treatment Facility
- Researched state regulations for information on nonhazardous industrial waste
- Meeting regarding Solid Waste Garbage Disposal Issues

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/26/2008

GCAL Report 208060613

RESUBMITTED

Deliver To	Earth Tech 1455 Old Alabama Rd Suite 170 Roswell, GA 30076 770-990-1400
Attn	Mark Kromis

Customer Earth Tech

Project Skinner Landfill-2nd Quarter

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CASE NARRATIVE

Client: Earth Tech **Report:** 208060613

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

Selected pages of this report were resubmitted or added on 09/15/08. Pages 83 and 85A were resubmitted to include Chloromethane data for sample 20806061311 (SK-TB-1026). Pages 435, 438-439, and 440A were submitted to include Bis(2-Ethylhexyl)phthalate data for method blank (611957).

Page 204 of this report was resubmitted on 08/19/08. The surrogate recoveries for sample 20806061301 (SK-SWD2-1026) are reported as diluted out due to the 50X dilution. Additional comments were added to the narrative.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20806041614 (SK-SWD3-1026) was inadvertently not spiked with surrogates and therefore all recoveries are 0%. The sample was re-extracted outside the holding time. The re-extract data is reported as sample 20806202601 (SK-SWD3-1026 (RE)). The recovery for the surrogate, Terphenyl-d14 was outside the control limits for sample 20806202601 (SK-SWD3-1026 (RE)).

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20806061301 ((SK-SWD2-1026) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument and to eliminate background interference. The dilution is reflected in elevated detection limits. The recoveries for the surrogates are reported as "D", diluted out.

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batches 375114 and 375193, the MS/MSD exhibited recovery failures.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 375192, the MS/MSD exhibited recovery failures; however these limits are advisory limits only so no further action was warranted.

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 375120, the MS/MSD exhibited recovery and RPD failures. These recoveries were within limits in the LCS and/or LCSD.

METALS

In the ILM04.1 - CLP Metals analysis for prep batch 375256, the MS and/or MSD recovery was outside the control limits for Selenium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with a recovery of 80

In the ILM04.1 - CLP Metals analysis for prep batch 375167, Barium, Calcium, Lead, Magnesium and Sodium are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 - CLP Metals analysis for prep batch 375168, Barium, Calcium, Magnesium and Sodium are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 208060613

THIS REPORT CONTAINS 945 PAGES.

Report Sample Summary

AL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806041513	SK-SWD1-1026	Water	06/04/2008 10:45	06/05/2008 08:57
20806041514	SK-SWD3-1026	Water	06/04/2008 09:05	06/05/2008 08:57
20806041520	SK-SWD1-1026 (DISS)	Water	06/04/2008 10:45	06/05/2008 08:57
20806041521	SK-SWD3-1026 (DISS)	Water	06/04/2008 09:05	06/05/2008 08:57
20806061301	SK-SWD2-1026	Water	06/05/2008 09:00	06/06/2008 09:07
20806061302	SK-SWD2-1026 (DISS)	Water	06/05/2008 09:00	06/06/2008 09:07
20806061303	VHBLK	Water	06/06/2008 00:00	06/06/2008 09:07
20806061304	SK-SW50-1026	Water	06/06/2008 09:10	06/07/2008 09:00
20806061305	SK-MS-1026 (SW50)	Water	06/06/2008 09:15	06/07/2008 09:00
20806061306	SK-MSD-1026 (SW50)	Water	06/06/2008 09:20	06/07/2008 09:00
20806061307	SK-DUP-1026 (SW50)	Water	06/06/2008 09:20	06/07/2008 09:00
20806061308	SK-SW51-1026	Water	06/06/2008 10:30	06/07/2008 09:00
20806061309	SK-FD-1026 (SW51)	Water	06/06/2008 10:35	06/07/2008 09:00
20806061310	SK-SW52-1026	Water	06/06/2008 11:10	06/07/2008 09:00
20806061311	SK-TB-1026	Water	06/05/2008 15:15	06/07/2008 09:00
20806061312	SK-SW50-1026 (DISS)	Water	06/06/2008 09:10	06/07/2008 09:00
20806061313	SK-MS-1026 (SW50) DISS	Water	06/06/2008 09:15	06/07/2008 09:00
20806061314	SK-DUP-1026 (SW50) DISS	Water	06/06/2008 09:20	06/07/2008 09:00
20806061315	SK-SW51-1026 (DISS)	Water	06/06/2008 10:30	06/07/2008 09:00
20806061316	SK-FD-1026 (SW51) DISS	Water	06/06/2008 10:35	06/07/2008 09:00
20806061317	SK-SW52-1026 (DISS)	Water	06/06/2008 11:10	06/07/2008 09:00
20806202601	SK-SWD3-1026 (RE)	Water	06/04/2008 10:00	06/05/2008 08:57

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD1-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041513

Level: (low/med) Lab File ID: 2080605p/x8743

% Moisture: not dec. Date Collected: 06/04/08 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 2012

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichlbroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

R

FORM I VOA

9/10/08 MR

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD1-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041513

Level: (low/med) Lab File ID: 2080605p/x8743

% Moisture: not dec. Date Collected: 06/04/08 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 2012

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SWD1-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806041513

Sample wt/vol: Units: Lab File ID: 2080605p/x8743

Level: (low/med) Date Collected: 06/04/08 Time: 1045

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 2012

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD3-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041514

Level: (low/med)

Lab File ID: 2080605p/x8744

% Moisture: not dec.

Date Collected: 06/04/08 Time: 0905

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 2036

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	
78-93-3	2-Butanone	5.0	U	0.010	5.0	
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0 ~~3.3~~	J	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD3-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041514

Level: (low/med)

Lab File ID: 2080605p/x8744

% Moisture: not dec.

Date Collected: 06/04/08 Time: 0905

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 2036

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SWD3-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806041514

Sample wt/vol: Units: Lab File ID: 2080605p/x8744

Level: (low/med) Date Collected: 06/04/08 Time: 0905

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 2036

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	7446-09-5	Sulfur dioxide	1.726	9.2	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD2-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061301

Level: (low/med) Lab File ID: 2080606q/x8775

% Moisture: not dec. Date Collected: 06/05/08 Time: 0900

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2221

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD2-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061301

Level: (low/med) Lab File ID: 2080606q/x8775

% Moisture: not dec. Date Collected: 06/05/08 Time: 0900

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2221

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0 ~~0.78~~	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

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FORM I VOA

9/10/08 MSR

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SWD2-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061301

Sample wt/vol: Units: Lab File ID: 2080606q/x8775

Level: (low/med) Date Collected: 06/05/08 Time: 0900

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2221

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061303

Level: (low/med) Lab File ID: 2080607/x8797

% Moisture: not dec. Date Collected: 06/06/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1915

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	
78-93-3	2-Butanone	5.0	U	0.010	5.0	
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0 ~~0.58~~	JB	0.010	1.0	LL
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806061303

Level: (low/med)

Lab File ID: 2080607/x8797

% Moisture: not dec.

Date Collected: 06/06/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/06/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1915

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061304

Level: (low/med) Lab File ID: 2080607/x8785

% Moisture: not dec. Date Collected: 06/06/08 Time: 0910

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1335

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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FORM I VOA

9/10/08 MGR

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SK-SW50-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806061304

Level: (low/med)

Lab File ID: 2080607/x8785

% Moisture: not dec.

Date Collected: 06/06/08 Time: 0910

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/07/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1335

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SW50-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061304

Sample wt/vol: Units: Lab File ID: 2080607/x8785

Level: (low/med) Date Collected: 06/06/08 Time: 0910

% Moisture: not dec. Date Received: 06/07/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/07/08 Time: 1335

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW51-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806061308

Level: (low/med)

Lab File ID: 2080607/x8790

% Moisture: not dec.

Date Collected: 06/06/08 Time: 1030

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/07/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1538

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0 R
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

9/10/08 MR

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW51-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061308

Level: (low/med) Lab File ID: 2080607/x8790

% Moisture: not dec. Date Collected: 06/06/08 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1538

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SW51-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061308

Sample wt/vol: Units: Lab File ID: 2080607/x8790

Level: (low/med) Date Collected: 06/06/08 Time: 1030

% Moisture: not dec. Date Received: 06/07/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/07/08 Time: 1538

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (SW51)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061309

Level: (low/med) Lab File ID: 2080607/x8791

% Moisture: not dec. Date Collected: 06/06/08 Time: 1035

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1602

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

R

FORM I VOA

9/10/08 pm

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (SW51)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061309

Level: (low/med) Lab File ID: 2080607/x8791

% Moisture: not dec. Date Collected: 06/06/08 Time: 1035

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1602

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1026 (SW51)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061309

Sample wt/vol: Units: Lab File ID: 2080607/x8791

Level: (low/med) Date Collected: 06/06/08 Time: 1035

% Moisture: not dec. Date Received: 06/07/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/07/08 Time: 1602

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806061310

Level: (low/med)

Lab File ID: 2080607/x8792

% Moisture: not dec.

Date Collected: 06/06/08 Time: 1110

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/07/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1626

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	0.18	J	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806061310

Level: (low/med)

Lab File ID: 2080607/x8792

% Moisture: not dec.

Date Collected: 06/06/08 Time: 1110

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/07/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1626

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SW52-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061310

Sample wt/vol: Units: Lab File ID: 2080607/x8792

Level: (low/med) Date Collected: 06/06/08 Time: 1110

% Moisture: not dec. Date Received: 06/07/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/07/08 Time: 1626

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061311

Level: (low/med) Lab File ID: 2080607/x8786

% Moisture: not dec. Date Collected: 06/05/08 Time: 1515

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1403

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	2.6	J	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	9.4		0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	0.23	J	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

J

FORM I VOA

5/15/08
MSU
80

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806061311

Level: (low/med) Lab File ID: 2080607/x8786

% Moisture: not dec. Date Collected: 06/05/08 Time: 1515

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/07/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1403

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.14	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: Water Lab Sample ID: 20806061311

Sample wt/vol: Units: Lab File ID: 2080607/x8786

Level: (low/med) Date Collected: 06/05/08 Time: 1515

% Moisture: not dec. Date Received: 06/07/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/07/08 Time: 1403

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	115-11-7	1-Propene,2-methyl	1.789	.323	

FORM I VOA-TIC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD1-1026

Contract:

Lab File ID: 2080617/b8011

Lab Sample ID: 20806041513

Date Collected: 06/04/08 Time: 1045

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1731

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	0.6	J	0.01	10
50-32-8	Benzo(a)pyrene	0.4	J	0.01	10
205-99-2	Benzo(b)fluoranthene	0.4	J	0.01	10
191-24-2	Benzo(g,h,i)perylene	0.6	J	0.01	10
207-08-9	Benzo(k)fluoranthene	0.6	J	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD1-1026

Contract:

Lab File ID: 2080617/b8011

Lab Sample ID: 20806041513

Date Collected: 06/04/08 Time: 1045

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1731

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	21	B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	0.7	J	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	J	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/15/08 MSR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD1-1026

Contract:

Lab File ID: 2080617/b8011

Lab Sample ID: 20806041513

Date Collected: 06/04/08 Time: 1045

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1731

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD1-1026

Contract:

Lab File ID: 2080617/b8011

Lab Sample ID: 20806041513

Date Collected: 06/04/08 Time: 1045

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1731

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM 4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	129	
2.	79861-79-3	2,2-Dimethyl-3-(5-oxotetrahydr	5.044	1.91	

FORM I SV-TIC

9/11 08 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD3-1026

Contract:

Lab File ID: 2080617/b8012

Lab Sample ID: 20806041514

Date Collected: 06/04/08 Time: 0905

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1747

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

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FORM I SV-1

9/11/08 pr

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD3-1026

Contract:

Lab File ID: 2080617/b8012

Lab Sample ID: 20806041514

Date Collected: 06/04/08 Time: 0905

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1747

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~5~~	J	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

R

FORM I SV-1

9/11/08 MJL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD3-1026

Contract:

Lab File ID: 2080617/b8012

Lab Sample ID: 20806041514

Date Collected: 06/04/08 Time: 0905

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1747

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

R

FORM I SV-1

9/11/08 mm

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060613
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD3-1026
Contract:
Lab File ID: 2080617/b8012
Lab Sample ID: 20806041514
Date Collected: 06/04/08 Time: 0905
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1747
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SWA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 7

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	~~75-09-2~~	~~Methylene Chloride~~	~~.381~~	~~2.18~~	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	99	
3.	2497-21-4	4-Hexen-3-one	1.908	2.76	
4.	57-11-4	Octadecanoic acid	5.436	2.85	
5.	124-25-4	Tetradecanal	7.204	1.23	
6.	6971-40-0	17-Pentatriacontene	7.363	3.85	
7.	74685-33-9	3-Eicosene, (E)-	7.877	1.07	

9/11/08 MCK

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD2-1026

Contract:

Lab File ID: 2080618/b8040

Lab Sample ID: 20806061301

Date Collected: 06/05/08 Time: 0900

Date Received: 06/06/08

Date Extracted: 06/09/08

Date Analyzed: 06/18/08 Time: 1155

Dilution Factor: 50 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 387008

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
95-95-4	2,4,5-Trichlorophenol	510	U	0.5	510	
88-06-2	2,4,6-Trichlorophenol	510	U	0.5	510	
120-83-2	2,4-Dichlorophenol	510	U	0.5	510	
51-28-5	2,4-Dinitrophenol	1300	U	0.5	1300	
121-14-2	2,4-Dinitrotoluene	510	U	0.5	510	
606-20-2	2,6-Dinitrotoluene	510	U	0.5	510	
91-58-7	2-Chloronaphthalene	510	U	0.5	510	
95-57-8	2-Chlorophenol	510	U	0.5	510	
91-57-6	2-Methylnaphthalene	4100		0.5	510	
88-74-4	2-Nitroaniline	1300	U	0.5	1300	
88-75-5	2-Nitrophenol	510	U	0.5	510	
91-94-1	3,3'-Dichlorobenzidine	510	U	0.5	510	
99-09-2	3-Nitroaniline	1300	U	0.5	1300	
534-52-1	2-Methyl-4,6-dinitrophenol	1300	U	0.5	1300	UJ
59-50-7	4-Chloro-3-methylphenol	510	U	0.5	510	
106-47-8	4-Chloroaniline	510	U	0.5	510	
7005-72-3	4-Chlorophenyl-phenylether	510	U	0.5	510	
106-44-5	4-Methylphenol (p-Cresol)	1300		0.5	510	
83-32-9	Acenaphthene	140	J	0.5	510	
208-96-8	Acenaphthylene	510	U	0.5	510	
120-12-7	Anthracene	9	J	0.5	510	
56-55-3	Benzo(a)anthracene	510	U	0.5	510	
50-32-8	Benzo(a)pyrene	510	U	0.5	510	
205-99-2	Benzo(b)fluoranthene	510	U	0.5	510	
191-24-2	Benzo(g,h,i)perylene	510	U	0.5	510	UJ
207-08-9	Benzo(k)fluoranthene	510	U	0.5	510	
111-91-1	Bis(2-Chloroethoxy)methane	510	U	0.5	510	
111-44-4	Bis(2-Chloroethyl)ether	510	U	0.5	510	
108-60-1	bis(2-Chloroisopropyl)ether	510	U	0.5	510	

9/11/08 pz

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD2-1026

Contract:

Lab File ID: 2080618/b8040

Lab Sample ID: 20806061301

Date Collected: 06/05/08 Time: 0900

Date Received: 06/06/08

Date Extracted: 06/09/08

Date Analyzed: 06/18/08 Time: 1155

Dilution Factor: 50 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 387008

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	510	U	0.5	510	
101-55-3	4-Bromophenyl-phenylether	510	U	0.5	510	
85-68-7	Butylbenzylphthalate	510	U	0.5	510	
86-74-8	Carbazole	510	U	0.5	510	
218-01-9	Chrysene	510	U	0.5	510	
84-74-2	Di-n-butylphthalate	510	U	0.5	510	
117-84-0	Di-n-octylphthalate	510	U	0.5	510	
53-70-3	Dibenz(a,h)anthracene	510	U	0.5	510	UJ
132-64-9	Dibenzofuran	510	U	0.5	510	
84-66-2	Diethylphthalate	510	U	0.5	510	
131-11-3	Dimethyl-phthalate	510	U	0.5	510	
105-67-9	2,4-Dimethylphenol	570		0.5	510	
206-44-0	Fluoranthene	16	J	0.5	510	
86-73-7	Fluorene	96	J	0.5	510	
118-74-1	Hexachlorobenzene	510	U	0.5	510	
87-68-3	Hexachlorobutadiene	510	U	0.5	510	
77-47-4	Hexachlorocyclopentadiene	510	U	0.5	510	
67-72-1	Hexachloroethane	510	U	0.5	510	
193-39-5	Indeno(1,2,3-cd)pyrene	510	U	0.5	510	UJ
78-59-1	Isophorone	510	U	0.5	510	
91-20-3	Naphthalene	2600		0.5	510	
100-01-6	4-Nitroaniline	1300	U	0.5	1300	
98-95-3	Nitrobenzene	510	U	0.5	510	
100-02-7	4-Nitrophenol	1300	U	0.5	1300	
87-86-5	Pentachlorophenol	1300	U	0.5	1300	
85-01-8	Phenanthrene	95	J	0.5	510	
108-95-2	Phenol	2400		0.5	510	
129-00-0	Pyrene	31	J	0.5	510	
621-64-7	N-Nitroso-di-n-propylamine	510	U	0.5	510	

FORM I SV-1

9/4/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD2-1026

Contract:

Lab File ID: 2080618/b8040

Lab Sample ID: 20806061301

Date Collected: 06/05/08 Time: 0900

Date Received: 06/06/08

Date Extracted: 06/09/08

Date Analyzed: 06/18/08 Time: 1155

Dilution Factor: 50 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 387008

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	510	U	0.5	510
95-48-7	o-Cresol	1100		0.5	510

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060613
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD2-1026
Contract:
Lab File ID: 2080617/b8022
Lab Sample ID: 20806061301
Date Collected: 06/05/08 Time: 0900
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 2020
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM 4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM 04.2
Instrument ID: MSSV3

Number TICs Found : 9

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	64-19-7	Acetic acid	.378	206	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.398	116	
3.	~~108-88-3~~	~~Toluene~~	~~.534~~	~~225~~	
4.	100-40-3	Cyclohexene, 4-ethenyl-	.71	60.5	
5.	~~100-41-4~~	~~Ethylbenzene~~	~~.800~~	~~300~~	
6.	~~106-42-3~~	~~p-Xylene~~	~~.974~~	~~467~~	
7.	77-73-6	4,7-Methano-1H-indene, 3a,4,7,	1.823	90.1	
8.	95-48-7	Phenol, 2-methyl-	2.05	755	
9.	6143-30-2	5-Phenylbicyclo[2.2.1]-2-hepte	5.092	14.4	

9/11/08 MSA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1026

Contract:

Lab File ID: 2080617/b8023

Lab Sample ID: 20806061304

Date Collected: 06/06/08 Time: 0910

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2035

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	26	U	0.01	26
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	1	J	0.01	10
88-74-4	2-Nitroaniline	26	U	0.01	26
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	26	U	0.01	26
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	0.01	26
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1026

Contract:

Lab File ID: 2080617/b8023

Lab Sample ID: 20806061304

Date Collected: 06/06/08 Time: 0910

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2035

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~1~~	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	0.9	J	0.01	10
100-01-6	4-Nitroaniline	26	U	0.01	26
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	26	U	0.01	26
87-86-5	Pentachlorophenol	26	U	0.01	26
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/11/08 MJC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1026

Contract:

Lab File ID: 2080617/b8023

Lab Sample ID: 20806061304

Date Collected: 06/06/08 Time: 0910

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2035

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 970 Units: ml

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SW50-1026

Contract:

Lab File ID: 2080617/b8023

Lab Sample ID: 20806061304

Date Collected: 06/06/08 Time: 0910

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2035

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 7

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	~~75-09-2~~	~~Methylene Chloride~~	~~.358~~	~~8.73~~	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.395	92.5	
3.	96-19-5	1-Propene, 1,2,3-trichloro-	1.357	6.12	
4.	90-12-0	Naphthalene, 1-methyl-	3.088	1.5	
5.	939-27-5	Naphthalene, 2-ethyl-	3.375	1.31	
6.	569-41-5	Naphthalene, 1,8-dimethyl-	3.457	1.14	
7.	0-00-0	(Tetrahydroxycyclopentadienone	4.933	1.33	

FORM I SV-TIC

9/11/08 MOL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SW51-1026

Contract:

Lab File ID: 2080617/b8026

Lab Sample ID: 20806061308

Date Collected: 06/06/08 Time: 1030

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2120

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

CONCENTRATION UNITS: ug/L

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1026

Contract:

Lab File ID: 2080617/b8026

Lab Sample ID: 20806061308

Date Collected: 06/06/08 Time: 1030

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2120

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~0.8~~	JB	0.01	10	u
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	
85-68-7	Butylbenzylphthalate	10	U	0.01	10	
86-74-8	Carbazole	10	U	0.01	10	
218-01-9	Chrysene	10	U	0.01	10	
84-74-2	Di-n-butylphthalate	10	U	0.01	10	
117-84-0	Di-n-octylphthalate	10	U	0.01	10	
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	
132-64-9	Dibenzofuran	10	U	0.01	10	
84-66-2	Diethylphthalate	10	U	0.01	10	
131-11-3	Dimethyl-phthalate	10	U	0.01	10	
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	
206-44-0	Fluoranthene	10	U	0.01	10	
86-73-7	Fluorene	10	U	0.01	10	
118-74-1	Hexachlorobenzene	10	U	0.01	10	
87-68-3	Hexachlorobutadiene	10	U	0.01	10	
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	
67-72-1	Hexachloroethane	10	U	0.01	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	
78-59-1	Isophorone	10	U	0.01	10	
91-20-3	Naphthalene	10	U	0.01	10	
100-01-6	4-Nitroaniline	25	U	0.01	25	
98-95-3	Nitrobenzene	10	U	0.01	10	
100-02-7	4-Nitrophenol	25	U	0.01	25	
87-86-5	Pentachlorophenol	25	U	0.01	25	
85-01-8	Phenanthrene	10	U	0.01	10	
108-95-2	Phenol	10	U	0.01	10	
129-00-0	Pyrene	10	U	0.01	10	
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	

FORM I SV-1

9/11/08 MSL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1026

Contract:

Lab File ID: 2080617/b8026

Lab Sample ID: 20806061308

Date Collected: 06/06/08 Time: 1030

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2120

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SW51-1026

Contract:

Lab File ID: 2080617/b8026

Lab Sample ID: 20806061308

Date Collected: 06/06/08 Time: 1030

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2120

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 6

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	49	
2.		Unknown	1.303	2.05	
3.	96-19-5	1-Propene, 1,2,3-trichloro-	1.357	3.88	
4.	2380-94-1	1H-Indol-4-ol	3.761	.942	
5.	19901-86-1	2-Oxazolidinone, 5-methyl-4-ph	3.894	1.68	
6.	106-28-5	2,6,10-Dodecatrien-1-ol, 3,7,1	7.144	.977	

8/11/08 MGR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (SW51)

Contract:

Lab File ID: 2080617/b8027

Lab Sample ID: 20806061309

Date Collected: 06/06/08 Time: 1035

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2135

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (SW51)

Contract:

Lab File ID: 2080617/b8027

Lab Sample ID: 20806061309

Date Collected: 06/06/08 Time: 1035

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2135

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~2~~	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

UL

FORM I SV-1

9/11/08 MSL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (SW51)

Contract:

Lab File ID: 2080617/b8027

Lab Sample ID: 20806061309

Date Collected: 06/06/08 Time: 1035

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2135

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-FD-1026 (SW51)

Contract:

Lab File ID: 2080617/b8027

Lab Sample ID: 20806061309

Date Collected: 06/06/08 Time: 1035

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2135

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	98.2	
2.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	3.196	1.1	
3.	7683-64-9	Squalene	7.147	2.5	

9/11/08
MS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1026

Contract:

Lab File ID: 2080617/b8028

Lab Sample ID: 20806061310

Date Collected: 06/06/08 Time: 1110

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2151

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1026

Contract:

Lab File ID: 2080617/b8028

Lab Sample ID: 20806061310

Date Collected: 06/06/08 Time: 1110

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2151

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~0.8~~	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/11/08 MSL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: SK-SW52-1026

Contract:

Lab File ID: 2080617/b8028

Lab Sample ID: 20806061310

Date Collected: 06/06/08 Time: 1110

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2151

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375193 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SW52-1026

Contract:

Lab File ID: 2080617/b8028

Lab Sample ID: 20806061310

Date Collected: 06/06/08 Time: 1110

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2151

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM 4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 6

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.395	75.2	
2.	96-19-5	1-Propene, 1,2,3-trichloro-	1.357	3.64	
3.	149-57-5	Hexanoic acid, 2-ethyl-	2.231	.821	
4.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	3.196	.803	
5.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	3.239	.582	
6.	7683-64-9	Squalene	7.144	1.24	

9/11/08
MSA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD3-1026 (RE)

Contract:

Lab File ID: 2080620/b8103

Lab Sample ID: 20806202601

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1026

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

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9/11/08 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-SWD3-1026 (RE)

Contract:

Lab File ID: 2080620/b8103

Lab Sample ID: 20806202601

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1026

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 r	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/11/08 MA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD3-1026 (RE)

Contract:

Lab File ID: 2080620/b8103

Lab Sample ID: 20806202601

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1026

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-95-2	Phenol	54		0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
98-95-3	Nitrobenzene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
85-01-8	Phenanthrene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
117-81-7	bis(2-ethylhexyl)phthalate	10 B	J B	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10

FORM I SV-1

9/15/08 nc

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
208-96-8	Acenaphthylene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
88-75-5	2-Nitrophenol	10	U	0.01	10
83-32-9	Acenaphthene	40		0.01	10
121-14-2	2,4-Dinitrotoluene	40		0.01	10
129-00-0	Pyrene	31		0.01	10
621-64-7	N-Nitroso-di-n-propylamine	28		0.01	10
87-86-5	Pentachlorophenol	73		0.01	25
95-57-8	2-Chlorophenol	58		0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	60		0.01	10
100-02-7	4-Nitrophenol	76		0.01	25

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MSD-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8020

Lab Sample ID: 20806041529

Date Collected: 06/05/08 Time: 1513

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1949

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-95-2	Phenol	54		0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
98-95-3	Nitrobenzene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
85-01-8	Phenanthrene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.5	J	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
85-68-7	Butylbenzylphthalate	0.5	J	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
117-81-7	bis(2-ethylhexyl)phthalate	10	J B	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
91-57-6	2-Methylnaphthalene	18		0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10

ID

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FORM I SV-1

9/15/10 mca

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-MSD-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8020

Lab Sample ID: 20806041529

Date Collected: 06/05/08 Time: 1513

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1949

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

CONCENTRATION UNITS: ug/L

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
208-96-8	Acenaphthylene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
88-75-5	2-Nitrophenol	10	U	0.01	10
83-32-9	Acenaphthene	43		0.01	10
121-14-2	2,4-Dinitrotoluene	38		0.01	10
129-00-0	Pyrene	35		0.01	10
621-64-7	N-Nitroso-di-n-propylamine	30		0.01	10
87-86-5	Pentachlorophenol	72		0.01	25
95-57-8	2-Chlorophenol	58		0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060613

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MSD-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8020

Lab Sample ID: 20806041529

Date Collected: 06/05/08 Time: 1513

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1949

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	50		0.01	10
100-02-7	4-Nitrophenol	74		0.01	25

FORM I SV-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 980 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-SWD1-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806041513
Date Collected: 06/04/08 Time: 1045
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0232
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a037

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.000102	0.102
72-55-9	4,4'-DDE	0.102	U	0.000102	0.102
50-29-3	4,4'-DDT	0.102	U	0.000102	0.102
309-00-2	Aldrin	0.051	U	0.000102	0.051
12674-11-2	Aroclor-1016	1.02	U	0.000102	1.02
11104-28-2	Aroclor-1221	2.04	U	0.000102	2.04
11141-16-5	Aroclor-1232	1.02	U	0.000102	1.02
53469-21-9	Aroclor-1242	1.02	U	0.000102	1.02
12672-29-6	Aroclor-1248	1.02	U	0.000102	1.02
11097-69-1	Aroclor-1254	1.02	U	0.000102	1.02
11096-82-5	Aroclor-1260	1.02	U	0.000102	1.02
60-57-1	Dieldrin	0.102	U	0.000102	0.102
959-98-8	Endosulfan I	0.051	U	0.000102	0.051
33213-65-9	Endosulfan II	0.102	U	0.000102	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.000102	0.102
72-20-8	Endrin	0.102	U	0.000102	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.000102	0.102
53494-70-5	Endrin ketone	0.102	U	0.000102	0.102
76-44-8	Heptachlor	0.051	U	0.000102	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000102	0.051
72-43-5	Methoxychlor	0.510	U	0.000102	0.510
8001-35-2	Toxaphene	5.10	U	0.000102	5.10
319-84-6	alpha-BHC	0.051	U	0.000102	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000102	0.051
319-85-7	beta-BHC	0.051	U	0.000102	0.051
319-86-8	delta-BHC	0.051	U	0.000102	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000102	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000102	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 960 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-SWD3-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806041514
Date Collected: 06/04/08 Time: 0905
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0250
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a038

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.000104	0.104
72-55-9	4,4'-DDE	0.104	U	0.000104	0.104
50-29-3	4,4'-DDT	0.104	U	0.000104	0.104
309-00-2	Aldrin	0.052	U	0.000104	0.052
12674-11-2	Aroclor-1016	1.04	U	0.000104	1.04
11104-28-2	Aroclor-1221	2.08	U	0.000104	2.08
11141-16-5	Aroclor-1232	1.04	U	0.000104	1.04
53469-21-9	Aroclor-1242	1.04	U	0.000104	1.04
12672-29-6	Aroclor-1248	1.04	U	0.000104	1.04
11097-69-1	Aroclor-1254	1.04	U	0.000104	1.04
11096-82-5	Aroclor-1260	1.04	U	0.000104	1.04
60-57-1	Dieldrin	0.104	U	0.000104	0.104
959-98-8	Endosulfan I	0.052	U	0.000104	0.052
33213-65-9	Endosulfan II	0.104	U	0.000104	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.000104	0.104
72-20-8	Endrin	0.104	U	0.000104	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.000104	0.104
53494-70-5	Endrin ketone	0.104	U	0.000104	0.104
76-44-8	Heptachlor	0.052	U	0.000104	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000104	0.052
72-43-5	Methoxychlor	0.521	U	0.000104	0.521
8001-35-2	Toxaphene	5.21	U	0.000104	5.21
319-84-6	alpha-BHC	0.052	U	0.000104	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000104	0.052
319-85-7	beta-BHC	0.052	U	0.000104	0.052
319-86-8	delta-BHC	0.052	U	0.000104	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000104	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.000104	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375192 Analytical Batch: 391234

Sample ID: SK-SWD2-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806061301
Date Collected: 06/05/08 Time: 0900
Date Received: 06/06/08
Date Extracted: 06/09/08
Date Analyzed: 06/17/08 Time: 2127
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a020

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 980 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375192 Analytical Batch: 391234

Sample ID: SK-SW50-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806061304
Date Collected: 06/06/08 Time: 0910
Date Received: 06/07/08
Date Extracted: 06/09/08
Date Analyzed: 06/17/08 Time: 2145
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a021

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.000102	0.102
72-55-9	4,4'-DDE	0.102	U	0.000102	0.102
50-29-3	4,4'-DDT	0.102	U	0.000102	0.102
309-00-2	Aldrin	0.051	U	0.000102	0.051
12674-11-2	Aroclor-1016	1.02	U	0.000102	1.02
11104-28-2	Aroclor-1221	2.04	U	0.000102	2.04
11141-16-5	Aroclor-1232	1.02	U	0.000102	1.02
53469-21-9	Aroclor-1242	1.02	U	0.000102	1.02
12672-29-6	Aroclor-1248	1.02	U	0.000102	1.02
11097-69-1	Aroclor-1254	1.02	U	0.000102	1.02
11096-82-5	Aroclor-1260	1.02	U	0.000102	1.02
60-57-1	Dieldrin	0.102	U	0.000102	0.102
959-98-8	Endosulfan I	0.051	U	0.000102	0.051
33213-65-9	Endosulfan II	0.102	U	0.000102	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.000102	0.102
72-20-8	Endrin	0.102	U	0.000102	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.000102	0.102
53494-70-5	Endrin ketone	0.102	U	0.000102	0.102
76-44-8	Heptachlor	0.051	U	0.000102	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000102	0.051
72-43-5	Methoxychlor	0.510	U	0.000102	0.510
8001-35-2	Toxaphene	5.10	U	0.000102	5.10
319-84-6	alpha-BHC	0.051	U	0.000102	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000102	0.051
319-85-7	beta-BHC	0.051	U	0.000102	0.051
319-86-8	delta-BHC	0.051	U	0.000102	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000102	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000102	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375192 Analytical Batch: 391234

Sample ID: SK-SW51-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806061308
Date Collected: 06/06/08 Time: 1030
Date Received: 06/07/08
Date Extracted: 06/09/08
Date Analyzed: 06/17/08 Time: 2257
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

CONCENTRATION UNITS: ug/L
Lab File ID: 2080617p/sv18a025

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 375192 Analytical Batch: 391234

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (SW51)

Contract:

SAS No.: SDG No.: 208060613

Lab Sample ID: 20806061309

Date Collected: 06/06/08 Time: 1035

Date Received: 06/07/08

Date Extracted: 06/09/08

Date Analyzed: 06/17/08 Time: 2315

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

Lab File ID: 2080617p/sv18a026

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.000103	0.103
72-55-9	4,4'-DDE	0.103	U	0.000103	0.103
50-29-3	4,4'-DDT	0.103	U	0.000103	0.103
309-00-2	Aldrin	0.052	U	0.000103	0.052
12674-11-2	Aroclor-1016	1.03	U	0.000103	1.03
11104-28-2	Aroclor-1221	2.06	U	0.000103	2.06
11141-16-5	Aroclor-1232	1.03	U	0.000103	1.03
53469-21-9	Aroclor-1242	1.03	U	0.000103	1.03
12672-29-6	Aroclor-1248	1.03	U	0.000103	1.03
11097-69-1	Aroclor-1254	1.03	U	0.000103	1.03
11096-82-5	Aroclor-1260	1.03	U	0.000103	1.03
60-57-1	Dieldrin	0.103	U	0.000103	0.103
959-98-8	Endosulfan I	0.052	U	0.000103	0.052
33213-65-9	Endosulfan II	0.103	U	0.000103	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.000103	0.103
72-20-8	Endrin	0.103	U	0.000103	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.000103	0.103
53494-70-5	Endrin ketone	0.103	U	0.000103	0.103
76-44-8	Heptachlor	0.052	U	0.000103	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000103	0.052
72-43-5	Methoxychlor	0.515	U	0.000103	0.515
8001-35-2	Toxaphene	5.15	U	0.000103	5.15
319-84-6	alpha-BHC	0.052	U	0.000103	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000103	0.052
319-85-7	beta-BHC	0.052	U	0.000103	0.052
319-86-8	delta-BHC	0.052	U	0.000103	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000103	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.000103	0.052

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375192 Analytical Batch: 391234

Sample ID: SK-SW52-1026
Contract:
SAS No.: SDG No.: 208060613
Lab Sample ID: 20806061310
Date Collected: 06/06/08 Time: 1110
Date Received: 06/07/08
Date Extracted: 06/09/08
Date Analyzed: 06/17/08 Time: 2333
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a027

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

SOW No.:

EPA Sample No.	*Lab Sample ID.*
SK-SWD1-1026	20806041513
SK-SWD3-1026	20806041514
SK-SWD1-1026 (DISS)	20806041520
SK-SWD3-1026 (DISS)	20806041521
SK-SWD2-1026	20806061301
SK-SWD2-1026 (DISS)	20806061302
SK-SW50-1026	20806061304
SK-MS-1026 (SW50)	20806061305
SK-DUP-1026 (SW50)	20806061307
SK-SW51-1026	20806061308
SK-FD-1026 (SW51)	20806061309
SK-SW52-1026	20806061310
SK-SW50-1026 (DISS)	20806061312
SK-MS-1026 (SW50) DISS	20806061313
SK-DUP-1026 (SW50) DISS	20806061314

Were ICP interelement corrections applied ? Yes / No YES

Were ICP background corrections applied ? Yes / No YES

If yes-were raw data generated before application of background corrections ? Yes / No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than the conditions detailed above. Release of this data contained in this hardcopy data package and in the computer readable data submitted on the diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Karen Melerine Name: Karen Melerine

Date:: 6-29-08 Title: Data Validator

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

SOW No.:

EPA Sample No.	*Lab Sample ID.*
SK-SW51-1026 (DISS)	20806061315
SK-FD-1026 (SW51) DISS	20806061316
SK-SW52-1026 (DISS)	20806061317

Were ICP interelement corrections applied ?	Yes / No	YES
Were ICP background corrections applied ?	Yes / No	YES
If yes-were raw data generated before application of background corrections ?	Yes / No	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than the conditions detailed above. Release of this data contained in this hardcopy data package and in the computer readable data submitted on the diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Karen Melerine Name: Karen Melerine

Date:: 6-29-08 Title: Data Validator

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD1-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806041513

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	921			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	47.9	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	58000		E	P	J
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.8	B		P	
7440-50-8	Copper	6.8	B		P	
7439-89-6	Iron	1760			P	
7439-92-1	Lead	3.1		~~E~~	P	
7439-95-4	Magnesium	8730		E	P	J
7439-96-5	Manganese	27.3			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	2.2	B		P	
7440-09-7	Potassium	6000			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	2370	B	E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	2.6	B		P	
7440-66-6	Zinc	233			P	
57-12-5	Cyanide	0.6	B		AS	

Color Before: LT.BROWN Clarity Before: CLEAR Texture:

Color After: LT.BROWN Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD3-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806041514

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	351			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	11.6	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	21900		E	P	J
7440-47-3	Chromium	0.7	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	2.3	B		P	
7439-89-6	Iron	661			P	
7439-92-1	Lead	2.2	B		P	
7439-95-4	Magnesium	2190	B	E	P	J
7439-96-5	Manganese	29.7			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	1.4	B		P	
7440-09-7	Potassium	7630			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	352	B	E	P	J
7440-28-0	Thallium	2.6	B		P	
7440-62-2	Vanadium	0.8	U		P	
7440-66-6	Zinc	16.9	B		P	
57-12-5	Cyanide	0.6	B		AS	

Color Before: LT.YELLOW Clarity Before: CLEAR Texture:

Color After: LT.YELLOW Clarity After: CLEAR Artifacts:

Comments:

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9/15/08 MK

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD1-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806041520

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	41.8	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	59100		E	P	J
7440-47-3	Chromium	1.0	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	4.7	B		P	
7439-89-6	Iron	10.6	B		P	
7439-92-1	Lead	1.9	B		P	
7439-95-4	Magnesium	8500		E	P	J
7439-96-5	Manganese	1.3	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.6	B		P	
7440-09-7	Potassium	5580			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	2400	B	E	P	J
7440-28-0	Thallium	2.1	B		P	
7440-62-2	Vanadium	1.9	B		P	
7440-66-6	Zinc	227			P	

Color Before: LT.YELLOW Clarity Before: CLEAR Texture:

Color After: LT.YELLOW Clarity After: CLEAR Artifacts:

Comments:

9/18/08

75

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD3-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806041521

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	28.6	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	9.5	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	22200		E	P	J
7440-47-3	Chromium	0.4	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	1.3	B		P	
7439-89-6	Iron	60.2	B		P	
7439-92-1	Lead	1.2	U		P	
7439-95-4	Magnesium	2120	B	E	P	J
7439-96-5	Manganese	4.0	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.9	B		P	
7440-09-7	Potassium	7440			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	440	B	E	P	J
7440-28-0	Thallium	3.4	B		P	
7440-62-2	Vanadium	0.8	U		P	
7440-66-6	Zinc	14.7	B		P	

Color Before: LT.YELLOW Clarity Before: CLEAR Texture:

Color After: LT.YELLOW Clarity After: CLEAR Artifacts:

Comments:

9/16/08 MM

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD2-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061301

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.3	U		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	44.9	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	118000			P
7440-47-3	Chromium	1.8	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	2.7	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.2	U		P
7439-95-4	Magnesium	32600			P
7439-96-5	Manganese	0.2	U		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2650	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	2300	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	8.8	B		P
7440-66-6	Zinc	9.0	B		P
57-12-5	Cyanide	0.7	B		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD2-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061302

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.3	U		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	45.3	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	117000			P
7440-47-3	Chromium	2.0	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.0	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.2	U		P
7439-95-4	Magnesium	33600			P
7439-96-5	Manganese	0.2	U		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2730	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	2470	B		P
7440-28-0	Thallium	1.8	B		P
7440-62-2	Vanadium	9.8	B		P
7440-66-6	Zinc	10.0	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061304

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	299			P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	47.3	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	78000			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	525			P
7439-92-1	Lead	2.0	B		P
7439-95-4	Magnesium	20600			P
7439-96-5	Manganese	24.1			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.6	B		P
7440-09-7	Potassium	2640	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	33600			P
7440-28-0	Thallium	2.8	B		P
7440-62-2	Vanadium	5.2	B		P
7440-66-6	Zinc	12.0	B		P
57-12-5	Cyanide	0.6	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-MS-1026 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061305

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2220			P
7440-36-0	Antimony	97.2			P
7440-38-2	Arsenic	42.5			P
7440-39-3	Barium	1950			P
7440-41-7	Beryllium	51.3			P
7440-43-9	Cadmium	48.2			P
7440-70-2	Calcium	77300			P
7440-47-3	Chromium	203			P
7440-48-4	Cobalt	477			P
7440-50-8	Copper	240			P
7439-89-6	Iron	1500			P
7439-92-1	Lead	21.5			P
7439-95-4	Magnesium	20300			P
7439-96-5	Manganese	512			P
7439-97-6	Mercury	5.6			AV
7440-02-0	Nickel	484			P
7440-09-7	Potassium	2620	B		P
7782-49-2	Selenium	10.5		N	P
7440-22-4	Silver	49.9			P
7440-23-5	Sodium	33800			P
7440-28-0	Thallium	52.4			P
7440-62-2	Vanadium	483			P
7440-66-6	Zinc	491			P
57-12-5	Cyanide	85.8			AS

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1026 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061307

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	362			P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	48.2	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	78700			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.5	B		P
7439-89-6	Iron	582			P
7439-92-1	Lead	1.3	B		P
7439-95-4	Magnesium	21000			P
7439-96-5	Manganese	26.8			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.5	B		P
7440-09-7	Potassium	2690	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	33900			P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	6.5	B		P
7440-66-6	Zinc	14.8	B		P
57-12-5	Cyanide	0.6	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW51-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061308

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	44.8	B		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	42.1	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	72700			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	2.4	B		P
7439-89-6	Iron	79.7	B		P
7439-92-1	Lead	1.7	B		P
7439-95-4	Magnesium	19700			P
7439-96-5	Manganese	4.6	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2470	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	33300			P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	4.1	B		P
7440-66-6	Zinc	9.8	B		P
57-12-5	Cyanide	0.6	U		AS

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1026 (SW51)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061309

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	41.5	B		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	46.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	78000			P
7440-47-3	Chromium	1.5	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.6	B		P
7439-89-6	Iron	71.4	B		P
7439-92-1	Lead	1.2	U		P
7439-95-4	Magnesium	21100			P
7439-96-5	Manganese	4.2	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2660	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	35800			P
7440-28-0	Thallium	2.1	B		P
7440-62-2	Vanadium	4.9	B		P
7440-66-6	Zinc	9.5	B		P
57-12-5	Cyanide	0.6	U		AS

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW52-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061310

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	117	B		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	42.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	77900			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	139			P
7439-92-1	Lead	1.8	B		P
7439-95-4	Magnesium	20800			P
7439-96-5	Manganese	9.8	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2610	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	36900			P
7440-28-0	Thallium	1.9	B		P
7440-62-2	Vanadium	6.2	B		P
7440-66-6	Zinc	17.3	B		P
57-12-5	Cyanide	0.6	U		AS

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061312

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	26.0	B		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	44.8	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	80600			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.8	B		P
7439-95-4	Magnesium	21100			P
7439-96-5	Manganese	0.4	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.5	B		P
7440-09-7	Potassium	2640	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	34500			P
7440-28-0	Thallium	3.5	B		P
7440-62-2	Vanadium	6.5	B		P
7440-66-6	Zinc	10.6	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-MS-1026 (SW50) DISS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061313

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1930			P
7440-36-0	Antimony	98.8			P
7440-38-2	Arsenic	42.2			P
7440-39-3	Barium	1980			P
7440-41-7	Beryllium	51.6			P
7440-43-9	Cadmium	47.9			P
7440-70-2	Calcium	78400			P
7440-47-3	Chromium	204			P
7440-48-4	Cobalt	489			P
7440-50-8	Copper	246			P
7439-89-6	Iron	969			P
7439-92-1	Lead	20.8			P
7439-95-4	Magnesium	21300			P
7439-96-5	Manganese	496			P
7439-97-6	Mercury	5.4			AV
7440-02-0	Nickel	493			P
7440-09-7	Potassium	2670	B		P
7782-49-2	Selenium	13.1		N	P
7440-22-4	Silver	49.9			P
7440-23-5	Sodium	34900			P
7440-28-0	Thallium	50.8			P
7440-62-2	Vanadium	489			P
7440-66-6	Zinc	492			P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1026 (SW50) DISS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061314

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.3	U		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	45.3	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	79500			P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	2.9	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.3	B		P
7439-95-4	Magnesium	20900			P
7439-96-5	Manganese	0.3	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2630	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	34300			P
7440-28-0	Thallium	2.2	B		P
7440-62-2	Vanadium	6.1	B		P
7440-66-6	Zinc	10.3	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW51-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061315

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.3	U		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	47.9	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	80400			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.2	B		P
7439-95-4	Magnesium	21900			P
7439-96-5	Manganese	1.7	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2760	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	37000			P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	4.8	B		P
7440-66-6	Zinc	12.1	B		P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1026 (SW51) DISS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061316

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.3	U		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	47.9	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	81800			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.6	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.5	B		P
7439-95-4	Magnesium	22300			P
7439-96-5	Manganese	1.6	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2790	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	38000			P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	3.9	B		P
7440-66-6	Zinc	8.7	B		P

US

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW52-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060613

Matrix: (soil / water) Water Lab Sample ID: 20806061317

Level: (low / med) Date Received: 06/07/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	26.7	B		P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	48.5	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	80700			P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	3.6	B		P
7439-89-6	Iron	8.1	U		P
7439-92-1	Lead	1.7	B		P
7439-95-4	Magnesium	22300			P
7439-96-5	Manganese	4.6	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2710	B		P
7782-49-2	Selenium	3.1	U	N	P
7440-22-4	Silver	0.4	U		P
7440-23-5	Sodium	37900			P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	4.9	B		P
7440-66-6	Zinc	24.7			P

UJ

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/08
MSA

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC.
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4342	208060613 ~~208060415~~ m	6-19-08
Client Name	Client #	Workorder #	Due Date

Report to:
Client: Earth Tech
Address: 2373 Progress Drive
~~Hebron, KY 41048~~
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:
Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill-2nd Quarter 2008
Sampled By: Michael J. Papp / Michael J. Papp

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No. Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide	VOCs	Remarks:	Lab ID	DSS
W	6/4/08	1200		X	SK-GW06R-1026	various	9	X	X	X	X	X	X	X	Refer to table 7	11	17
↓	↓	1000		X	SK-GW62A-1026	↓	10	X	X	X	X	X	X	X	of O&M LTTP	12	18
↓	↓	0910		X	SK-GW62B-1026	↓	6				X	X	X	X	for complete list	15	19
↓	↓	1045		X	SK-SWD1-1026 *	↓	10	X	X	X	X	X	X	X	of analytes	13	20
↓	↓	0905		X	SK-SWD3-1026 *	↓	10	X	X	X	X	X	X	X		14	21
↓	↓				SK-TB-1026	HCL	3							X		16	

Lab use only:
Custody Seal
used ☑ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C 2

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEx	6/4/08	1600
Fedex	[signature]	6-5-08	0057

Note:
Dissolved Metals field filtered.
Trip Blank provided by Lab.

* samples are in this volume a

y submitting these samples, you agree to the terms and onditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4347	208060613	
Client Name	Client #	Workorder #	Due Date

Report to:
Client: Earth Tech
Address: 2373 Progress Drive
Hebron, KY 41048
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:
Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill-2nd Quarter 2008
Sampled By: Michael J. Papp / Michael J. Papp

Analytical Requests & Method

Lab use only:
Custody Seal used ☐ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C 3

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (Filtered)	Cyanide	VOCs					Remarks:	Lab ID
W	6/5/08	0900		X	SK+SWD2-1026 *	various	9	X	X	X	X	X	X	X					Refer to table 7	1, 2
		1100		X	SK-GW07R-1026		10	X	X	X	X	X	X	X					of O&M LTTP	
		1320		X	SK-GW58-1026		10	X	X	X	X	X	X	X					for complete list	
		1340		X	SK-GW59-1026		10	X	X	X	X	X	X	X					of analytes	
		1350		X	SK-GW60-1026		10	X	X	X	X	X	X	X						
		1420		X	SK-GW61-1026		10	X	X	X	X	X	X	X						
		1343		X	SK-FD-1026(GW59)		10	X	X	X	X	X	X	X						
		1508		X	SK-MS-1026(GW07R)		10	X	X	X	X	X	X	X						
		1513		X	SK-MSD-1026(GW07R)		10	X	X	X	X	X	X	X						
					SK-TB-1026	HCL	3							X						
					VHBLK									X						3

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEx	6/5/08	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex		6-6-08	907
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Dissolved Metals field filtered. *
Trip Blank provided by Lab.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	208060613	

Report to:
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Bill to:
Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill-2nd Quater 2008

Sampled By: Michael J. Papp / [signature]

Analytical Requests & Method

Lab use only:
Custody Seal
used ☐ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C 2

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide	VOCs	Remarks:	Lab ID	D.SS
W	6/6/08	0910		X	SK-SW50-1026	various	10	X	X	X	X	X	X	X	Refer to table 7	4	12
		0915		X	SK-MS-1026(SW50)		10	X	X	X	X	X	X	X	of O&M LTTP	5	13
		0920		X	SK-MSD-1026(SW50)		10	X	X	X	X	X	X	X	for complete list	6,7	14
		1030		X	SK-SW51-1026		10	X	X	X	X	X	X	X	of analytes	8	15
		1035		X	SK-FD-1026(SW51)		10	X	X	X	X	X	X	X		9	16
		1110		X	SK-SW52-1026		10	X	X	X	X	X	X	X		10	17
W	6/5/08	1515		X	SK-TB-1026	ACL	3							X		11	

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	FedEx	6/6/08	1500
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	[signature]	6-7-08	900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Dissolved Metals field filtered.
Trip Blank provided by ~~Lab.~~ ET using GCAL DI water.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 208060415

PROJECT MANAGER: Ron Rolker

Date: September 15, 2008

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB	Bromofluorobenzene
CC	Continuing Calibration
CCV	Continuing Calibration Verification
CCB	Continuing Calibration Blanks
CLP	Contract Laboratory Program
CRDL	Contract Required Detection Limit
DFTPP	Decafluorotriphenylphosphine
GC/MS	Gas Chromatograph/Mass Spectrometer
IC	Initial Calibration
ICB	Initial Calibration Blank
IDL	Instrument Detection Limit
ICP	Inductively Coupled Plasma
ICS	Interference Check Sample
ICV	Initial Calibration Verification
ILM	Inorganic Analysis Multi-Media Multi-Concentration
INDAM	Individual A Mixture
INDBM	Individual B Mixture
mg/L	milligrams per liter
MS/MSD	Matrix Spike/Matrix Spike Duplicate
OLC	Organic Analysis Low Concentration
OLM	Organic Analysis Multi-Media Multi-Concentration
%D	Percent Difference
% RSD	Percent Relative Standard Deviation
PB	Preparation Blanks
PEM	Performance Evaluation Mix
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RRF	Relative Response Factor
SDG	Sample Delivery Group
SOW	Statement of Work
µg/L	micrograms per liter
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds
VTSR	Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060415 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 208060415.

GCAL #	Sample Description
20806041501	SK-GW63-1026
20806041502	SK-FD-1026 (GW63)
20806041503	SK-GW64-1026
20806041504	SK-GW65-1026
20806041507	SK-GW63-1026 (DISS)
20806041508	SK-GWFD-1026 (GW63) (DISS)
20806041509	SK-GW64-1026 (DISS)
20806041510	SK-GW65-1026 (DISS)
20806041511	SK-GW06R-1026
20806041512	SK-GW62A-1026
20806041515	SK-GW62B-1026
20806041517	SK-GW06R-1026 (DISS)
20806041518	SK-GW62A-1026 (DISS)
20806041519	SK-GW62B-1026 (DISS)
20806041522	SK-GW07R-1026
20806041523	SK-GW58-1026
20806041524	SK-GW59-1026
20806041525	SK-GW60-1026
20806041526	SK-GW61-1026
20806041527	SK-FD-1026 (GW59)
20806041528	SK-MS-1026 (GW07R)
20806041530	SK-DUP-1026 (GW07R)
20806041532	SK-GW07R-1026 (DISS)
20806041533	SK-GW58-1026 (DISS)
20806041534	SK-GW59-1026 (DISS)
20806041535	SK-GW60-1026 (DISS)
20806041536	SK-GW61-1026 (DISS)
20806041537	SK-FD-1026 (GW59)(DISS)
20806041538	SK-MS-1026 (GW07R)(DISS)
20806041539	SK-DUP-1026 (GW07R)(DISS)

INTRODUCTION

Analyses of metals were performed according to Contract Laboratory Program (CLP)-Inorganic Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user.
Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times

2. Calibration

   A. Initial Calibration (IC)

   B. Continuing Calibration (CC)

3 Blanks

4. Inductively Coupled Plasma (ICP) Interference Check Sample
5. Laboratory Control Sample (LCS)
6. Duplicate Analysis
7. Spike Sample Analysis
8. ICP Serial Dilution
9. System Performance
10. Documentation
11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB above the corresponding Contract Required Detection Limit (CRDL).

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used samples SK-GW07R-1026 (total and dissolved fractions) for the duplicate samples. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used samples SK-GW07R-1026 (total and dissolved fractions) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) for all analytes.

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects.

The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Barium, Calcium, Magnesium, and Sodium associated with the SK-GW07R-1026 total and dissolved fractions. The serial dilution percent differences were within the acceptance criteria for all target analytes associated with the dissolved fraction. As per the National Functional Guidelines, if the serial dilution %D exceeds the acceptance criteria then qualify results associated with that analyte as estimated with a "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

The laboratory qualified the Lead results with an "E" indicating that the serial dilution result was outside of the acceptance limits. There serial dilution for Lead was within the acceptance limits therefore the data validator manually crossed out the "E". All other documentation submitted for review appeared accurate and in order.

11. OVERALL ASSESSMENT

The percent recoveries for Arsenic in the Contract Required Detection Limit (CRDL) standards analyzed on 6/23/08 were 78%, 88%, 86%, and 86%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 6/23/08 were 70%, 110%, 114%, and 91%.

The percent recovery for Mercury in the Contract Required Detection Limit (CRDL) standard analyzed on 6/10/08 was 67%.

As per the National Functional Guidelines, if the CRDL percent recovery is less than 80% then detected results are qualified "J" and non-detected results are qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060415 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 208060415.

GCAL #	Sample Description
20806041501	SK-GW63-1026
20806041502	SK-FD-1026 (GW63)
20806041503	SK-GW64-1026
20806041504	SK-GW65-1026
20806041511	SK-GW06R-1026
20806041512	SK-GW62A-1026
20806041515	SK-GW62B-1026
20806041522	SK-GW07R-1026
20806041523	SK-GW58-1026
20806041524	SK-GW59-1026
20806041525	SK-GW60-1026
20806041526	SK-GW61-1026
20806041527	SK-FD-1026 (GW59)
20806041528	SK-MS-1026 (GW07R)
20806041529	SK-MSD-1026 (GW07R)
20806202501	SK-GW06R-1026 (RE)

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks
5. Surrogate Spike Compounds
6. MS/MSD
7. Internal Standards Performance
8. Compound Identification
9. Constituent Quantitation and Reported Detection Limits
10. System Performance
11. Documentation
12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. GCAL reported that the analyst inadvertently forgot to spike sample SK-GW06R-1026 with surrogates therefore the sample was re-extracted. The sample was re-extracted outside the recommended holding times. As per the National Functional Guidelines, if the recommended holding is exceeded then qualify detected results for that sample with "J" and non-detected result with "UJ".

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Two decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 6/17/08 was analyzed on instrument MSSV3 in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent Relative Standard Deviation (%RSD) values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF and the average RRF for the IC was within the acceptance criteria specified in the method for all target compounds. The %RSDs were within the acceptance criteria specified in the method for all target compounds.

B. Continuing Calibration

Two CCs dated 6/17/08 and 6/20/08 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRFs were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors for the CCs dated 6/17/08 and 6/20/08 were within the acceptance criteria (<25%).

4. BLANKS

Two laboratory semivolatile method blanks were analyzed with this SDG. The results are summarized below.

Method Blank (MB611597)

Bis(2-ethylhexyl)phthalate (2.4 ppb) was detected in the method blank extracted on 6/6/08.

Method Blank (MB616717)

Bis(2-ethylhexyl)phthalate (0.66 ppb) was detected in the method blank extracted on 6/18/08.

5. SURROGATE SPIKE COMPOUNDS

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of the following: all surrogates associated with sample SK-GW06R-1026 and Terphenyl-d14 associated with sample SK-GW06R-1026 (RE). As per the National functional Guidelines, data are not qualified with respect to surrogate recovery unless two or more semivolatile surrogates, within the same fraction (base/neutral or acid fraction), are out of specification. All semivolatile results associated with sample SK-GW06R-1026 were qualified with "R"

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SK-GW07R-1026 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of 4-Nitrophenol (100%/98%) associated with the MS/MSD. The percent RPDs between the MS and MSD were within the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD results alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and retention times were within the acceptance limits for the semivolatile analysis.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents.

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

The data validator noticed that %Relative Abundance for the m/e 198 associated with the CC 6/20/08 was not reported at 100%. A review of the raw data indicated that the %Relative Abundance should have been reported at 100% therefore the data validator manually made the corrections. There were no sample volumes, units, date extracted, or preparation method listed on Form I SV-TIC. The analytical method reported by the GCAL on the Form I SV-TIC was listed as SW-846 8270C when it should have been listed as OLM04.2. The data validator manually made the corrections.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 208060415 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 208060415.

GCAL #	Sample Description
20806041501	SK-GW63-1026
20806041502	SK-FD-1026 (GW63)
20806041503	SK-GW64-1026
20806041504	SK-GW65-1026
20806041505	SK-TB-1026
20806041511	SK-GW06R-1026
20806041512	SK-GW62A-1026
20806041515	SK-GW62B-1026
20806041516	SK-TB-1026
20806041522	SK-GW07R-1026
20806041523	SK-GW58-1026
20806041524	SK-GW59-1026
20806041525	SK-GW60-1026
20806041526	SK-GW61-1026
20806041527	SK-FD-1026 (GW59)
20806041528	SK-MS-1026 (GW07R)
20806041529	SK-MSD-1026 (GW07R)
20806041531	SK-TB-1026

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks
5. System Monitoring Compound Recovery
6. MS/MSD
7. Laboratory Control Sample
8. Internal Standards Performance
9. Compound Identification
10. Constituent Quantitation and Reported Detection Limits
11. System Performance
12. Documentation

13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed one GC/MS system identified as MSV0. Three bromofluorobenzene (BFB) tunes were run on MSV0. The BFB tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

Two ICs dated 6/5/08 and 6/6/08 were analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRFs as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRFs and the average RRF for the ICs dated 6/5/08 and 6/6/08 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. As per the National Functional Guidelines, if any IC RRF is less than 0.05 then qualify detected results for that compound with "J" and non-detected results for that compound with "R".

The %RSDs for the IC dated 6/5/08 were within the acceptance criteria specified in the method for all target compounds. As per the National Functional Guidelines, if the %RSD is greater than 30.0 percent and all initial calibration RRFs greater than or equal to 0.05, qualify positive results with "J", and non-detected volatile target compounds using professional judgement.

The %RSDs for the IC dated 6/6/08 were within the acceptance criteria specified in the method for all target compounds with the exception of 1,1-Dichloroethane.

B. Continuing Calibration

Three CC's dated 6/5/08, 6/6/08, and 6/7/08 were analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRFs and the CC RF's for the CC's dated 6/5/08, 6/6/08, and 6/7/08 were within the acceptance criteria for all target compounds with the exception of Acetone. Acetone was previously qualified under the section titled "Initial Calibration" therefore further data qualification was not warranted.

4. BLANKS

Three laboratory volatile method blanks, a storage blank, and a Trip Blank were analyzed with this SDG. The results are summarized below.

MB611709

Chloroform (0.47 ppb) was detected in method blank MB611709 analyzed on 6/5/08 (1626).

MB612179

Chloroform (0.56 ppb) and Xylenes (0.034 ppb) were detected in method blank MB612179 analyzed on 6/6/08 (1904).

MB612352

Chloroform (0.47 ppb) was detected in method blank MB612352 analyzed on 6/7/08 (1258).

Storage Blank (VHBLK)

Chloroform (0.48 ppb) was detected in the Storage Blank analyzed on 6/7/08.

Trip Blank

Acetone (13 ppb), Methylene chloride (0.33 ppb), 2-Butanone (1.8 ppb), and Chloroform (0.32 ppb) were detected in the Trip Blank associated with the samples collected on 6/3/08.

Trip Blank

Methylene chloride (3.3 ppb) was detected in the Trip Blank associated with the samples collected on 6/4/08.

Trip Blank

Methylene chloride (0.18 ppb) was detected in the Trip Blank associated with the samples collected on 6/5/08.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%).

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW07R-1026 as submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

Three Laboratory Control Samples was analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

13. OVERALL ASSESSMENT

The Methylene chloride detected in sample SK-GW06R-1026, SK-GW07R-1026, SK-GW58-1026, and SK-GW59-1026 was mitigated by the presence of Methylene chloride in the associated Trip Blank.

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 208060415 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2008, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 208060415.

GCAL #	Sample Description
20806041501	SK-GW63-1026
20806041502	SK-FD-1026 (GW63)
20806041503	SK-GW64-1026
20806041504	SK-GW65-1026
20806041511	SK-GW06R-1026
20806041512	SK-GW62A-1026
20806041515	SK-GW62B-1026
20806041522	SK-GW07R-1026
20806041523	SK-GW58-1026
20806041524	SK-GW59-1026
20806041525	SK-GW60-1026
20806041526	SK-GW61-1026
20806041527	SK-FD-1026 (GW59)
20806041528	SK-MS-1026 (GW07R)
20806041529	SK-MSD-1026 (GW07R)

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times
2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
3. IC
4. Calibration Verification
5. Blanks
6. Surrogate Spikes
7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
8. Pesticide Cleanup Checks
9. Target Compound Identification
10. Constituent Quantitation and Reported Detection Limits
11. Documentation
12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time.

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits. The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM).

The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20%. The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ±25.0 percent for the calibration verifications.

5. BLANKS

One laboratory method blank was analyzed with this SDG. The results are summarized below.

<u>Method Blank 612010</u>

No constituents were reported by GCAL for the method blank extracted on 6/6/08.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples.

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW07R-1026 was submitted for MS/MSD analysis. All of the percent recoveries associated with the MS/MSD were within the acceptance criteria with the exception of Dieldrin, Endrin, and Lindane associated with the MS/MSD. All of the percent RPDs between the MS and MSD were within the acceptance criteria with the exception of Lindane. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable as qualified by the data validator.

REFERENCES

US EPA, 1994. *National Functional Guidelines for Inorganic Data Review.*

US EPA, 1999. *National Functional Guidelines for Organic Data Review.*

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/24/2008

GCAL Report 208060415

RESUBMITTED

Deliver To	Earth Tech 1455 Old Alabama Rd Suite 170 Roswell, GA 30076 770-990-1400
Attn	Mark Kromis

Customer Earth Tech

Project Skinner Landfill

CASE NARRATIVE

Client: Earth Tech **Report:** 208060415

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

Selected pages of this report resubmitted or added on 09/15/08. Pages 146, 148, and 150A were submitted to include Methylene chloride data for sample 20806041531 (SK-TB-1026).

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20806041511 (SK-GW06R-1026) was inadvertently not spiked with surrogates and therefore all recoveries are 0%. The sample was re-extracted outside the holding time. The re-extract data is reported as sample 20806202501 (SK-GW06R-1026 (RE)). The recovery for the surrogate, Terphenyl-d14 was outside the control limits for sample 20806202501 (SK-GW06R-1026 (RE)).

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batch 375114, the MS/MSD exhibited recovery failures due to matrix interference.

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batch 391293, bis(2-ethylhexyl)phthalate was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 375120, the MS/MSD exhibited recovery failures, however these limits are advisory limits only so no further action was taken.

METALS

In the ILM04.1 - CLP Metals analysis, Barium, Calcium, Lead, Magnesium and Sodium are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 - CLP Metals analysis, Barium, Calcium, Magnesium and Sodium are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

Resubmitted 9/15/08 MSA

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Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 208060415

THIS REPORT CONTAINS 1,009 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20806041501	SK-GW63-1026	Water	06/03/2008 14:35	06/04/2008 09:20
20806041502	SK-FD-1026 (GW63)	Water	06/03/2008 14:40	06/04/2008 09:20
20806041503	SK-GW64-1026	Water	06/03/2008 14:15	06/04/2008 09:20
20806041504	SK-GW65-1026	Water	06/03/2008 13:35	06/04/2008 09:20
20806041505	SK-TB-1026	Water	06/03/2008 00:00	06/04/2008 09:20
20806041506	VHBLK	Water	06/03/2008 00:00	06/04/2008 09:20
20806041507	SK-GW63-1026 (DISS)	Water	06/03/2008 14:35	06/04/2008 09:20
20806041508	SK-GWFD-1026 (GW63) DISS	Water	06/03/2008 14:40	06/04/2008 09:20
20806041509	SK-GW64-1026 (DISS)	Water	06/03/2008 14:15	06/04/2008 09:20
20806041510	SK-GW65-1026 (DISS)	Water	06/03/2008 13:35	06/04/2008 09:20
20806041511	SK-GW06R-1026	Water	06/04/2008 12:00	06/05/2008 08:57
20806041512	SK-GW62A-1026	Water	06/04/2008 10:00	06/05/2008 08:57
20806041515	SK-GW62B-1026	Water	06/04/2008 09:10	06/05/2008 08:57
20806041516	SK-TB-1026	Water	06/04/2008 00:00	06/05/2008 08:57
20806041517	SK-GW06R-1026 (DISS)	Water	06/04/2008 12:00	06/05/2008 08:57
20806041518	SK-GW62A-1026 (DISS)	Water	06/04/2008 10:00	06/05/2008 08:57
20806041519	SK-GW62B-1026 (DISS)	Water	06/04/2008 09:10	06/05/2008 08:57
20806041522	SK-GW07R-1026	Water	06/05/2008 11:00	06/06/2008 09:07
20806041523	SK-GW58-1026	Water	06/05/2008 13:20	06/06/2008 09:07
20806041524	SK-GW59-1026	Water	06/05/2008 13:40	06/06/2008 09:07
20806041525	SK-GW60-1026	Water	06/05/2008 13:50	06/06/2008 09:07
20806041526	SK-GW61-1026	Water	06/05/2008 14:20	06/06/2008 09:07
20806041527	SK-FD-1026 (GW59)	Water	06/05/2008 13:43	06/06/2008 09:07
20806041528	SK-MS-1026 (GW07R)	Water	06/05/2008 15:08	06/06/2008 09:07
20806041529	SK-MSD-1026 (GW07R)	Water	06/05/2008 15:13	06/06/2008 09:07
20806041530	SK-DUP-1026 (GW07R)	Water	06/05/2008 15:13	06/06/2008 09:07
20806041531	SK-TB-1026	Water	06/05/2008 00:00	06/06/2008 09:07
20806041532	SK-GW07R-1026 (DISS)	Water	06/05/2008 11:00	06/06/2008 09:07
20806041533	SK-GW58-1026 (DISS)	Water	06/05/2008 13:20	06/06/2008 09:07
20806041534	SK-GW59-1026 (DISS)	Water	06/05/2008 13:40	06/06/2008 09:07
20806041535	SK-GW60-1026 (DISS)	Water	06/05/2008 13:50	06/06/2008 09:07
20806041536	SK-GW61-1026 (DISS)	Water	06/05/2008 14:20	06/06/2008 09:07
20806041537	SK-FD-1026 (DISS)	Water	06/05/2008 13:43	06/06/2008 09:07
20806041538	SK-MS-1026 (DISS)	Water	06/05/2008 15:08	06/06/2008 09:07
20806041539	SK-DUP-1026 (DISS)	Water	06/05/2008 15:13	06/06/2008 09:07
20806202501	SK-GW06R-1026 (RE)	Water	06/04/2008 10:00	06/05/2008 08:57

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041501

Level: (low/med) Lab File ID: 2080605p/x8736

% Moisture: not dec. Date Collected: 06/03/08 Time: 1435

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1712

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041501

Level: (low/med) Lab File ID: 2080605p/x8736

% Moisture: not dec. Date Collected: 06/03/08 Time: 1435

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1712

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW63-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041501

Sample wt/vol: Units: Lab File ID: 2080605p/x8736

Level: (low/med) Date Collected: 06/03/08 Time: 1435

% Moisture: not dec. Date Received: 06/04/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1712

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (GW63)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041502

Level: (low/med) Lab File ID: 2080605p/x8737

% Moisture: not dec. Date Collected: 06/03/08 Time: 1440

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1737

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (GW63)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041502

Level: (low/med)

Lab File ID: 2080605p/x8737

% Moisture: not dec.

Date Collected: 06/03/08 Time: 1440

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/04/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 1737

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1026 (GW63)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041502

Sample wt/vol: Units: Lab File ID: 2080605p/x8737

Level: (low/med) Date Collected: 06/03/08 Time: 1440

% Moisture: not dec. Date Received: 06/04/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1737

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW64-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041503

Level: (low/med) Lab File ID: 2080605p/x8738

% Moisture: not dec. Date Collected: 06/03/08 Time: 1415

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1803

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW64-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041503

Level: (low/med)

Lab File ID: 2080605p/x8738

% Moisture: not dec.

Date Collected: 06/03/08 Time: 1415

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/04/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 1803

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW64-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041503

Sample wt/vol: Units: Lab File ID: 2080605p/x8738

Level: (low/med) Date Collected: 06/03/08 Time: 1415

% Moisture: not dec. Date Received: 06/04/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1803

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041504

Level: (low/med) Lab File ID: 2080605p/x8739

% Moisture: not dec. Date Collected: 06/03/08 Time: 1335

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1829

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041504

Level: (low/med) Lab File ID: 2080605p/x8739

% Moisture: not dec. Date Collected: 06/03/08 Time: 1335

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1829

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW65-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041504

Sample wt/vol: Units: Lab File ID: 2080605p/x8739

Level: (low/med) Date Collected: 06/03/08 Time: 1335

% Moisture: not dec. Date Received: 06/04/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1829

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041505

Level: (low/med) Lab File ID: 2080605p/x8740

% Moisture: not dec. Date Collected: 06/03/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1855

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	
78-93-3	2-Butanone	1.8	J	0.010	5.0	
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	13		0.010	5.0	
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0 ~~0.32~~	JB	0.010	1.0	u
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

9/16/08
MSH

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041505

Level: (low/med)

Lab File ID: 2080605p/x8740

% Moisture: not dec.

Date Collected: 06/03/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/04/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 1855

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.33	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041505

Sample wt/vol: Units: Lab File ID: 2080605p/x8740

Level: (low/med) Date Collected: 06/03/08 Time: 0000

% Moisture: not dec. Date Received: 06/04/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1855

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 2

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	115-11-7	1-Propene, 2-methyl-	1.776	.32	
2.	75-07-0	Acetaldehyde	2.08	.571	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041506

Level: (low/med) Lab File ID: 2080607/x8796

% Moisture: not dec. Date Collected: 06/03/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/04/08

Instrument ID: MSV0 Date Analyzed: 06/07/08 Time: 1851

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	~~1.0~~ 0.46	JB	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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FORM I VOA

9/18/08 MSA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041506

Level: (low/med)

Lab File ID: 2080607/x8796

% Moisture: not dec.

Date Collected: 06/03/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/04/08

Instrument ID: MSV0

Date Analyzed: 06/07/08 Time: 1851

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375157

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW06R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041511

Level: (low/med) Lab File ID: 2080605p/x8741

% Moisture: not dec. Date Collected: 06/04/08 Time: 1200

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1920

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW06R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041511

Level: (low/med)

Lab File ID: 2080605p/x8741

% Moisture: not dec.

Date Collected: 06/04/08 Time: 1200

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 1920

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	~~0.67~~ 2.0	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

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FORM I VOA

9/15/08

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW06R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041511

Sample wt/vol: Units: Lab File ID: 2080605p/x8741

Level: (low/med) Date Collected: 06/04/08 Time: 1200

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1920

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW62A-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041512

Level: (low/med)

Lab File ID: 2080605p/x8742

% Moisture: not dec.

Date Collected: 06/04/08 Time: 1000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 1946

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW62A-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041512

Level: (low/med) Lab File ID: 2080605p/x8742

% Moisture: not dec. Date Collected: 06/04/08 Time: 1000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 1946

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW62A-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041512

Sample wt/vol: Units: Lab File ID: 2080605p/x8742

Level: (low/med) Date Collected: 06/04/08 Time: 1000

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 1946

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	7446-09-5	Sulfur dioxide	1.733	2.23	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW62B-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041515

Level: (low/med) Lab File ID: 2080605p/x8745

% Moisture: not dec. Date Collected: 06/04/08 Time: 0910

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 2101

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW62B-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041515

Level: (low/med)

Lab File ID: 2080605p/x8745

% Moisture: not dec.

Date Collected: 06/04/08 Time: 0910

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 2101

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 375069

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW62B-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041515

Sample wt/vol: Units: Lab File ID: 2080605p/x8745

Level: (low/med) Date Collected: 06/04/08 Time: 0910

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 2101

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	7446-09-5	Sulfur dioxide	1.729	408	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041516

Level: (low/med) Lab File ID: 2080605p/x8746

% Moisture: not dec. Date Collected: 06/04/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/05/08

Instrument ID: MSV0 Date Analyzed: 06/05/08 Time: 2125

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041516

Level: (low/med)

Lab File ID: 2080605p/x8746

% Moisture: not dec.

Date Collected: 06/04/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/05/08

Instrument ID: MSV0

Date Analyzed: 06/05/08 Time: 2125

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375069

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	3.3		0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041516

Sample wt/vol: Units: Lab File ID: 2080605p/x8746

Level: (low/med) Date Collected: 06/04/08 Time: 0000

% Moisture: not dec. Date Received: 06/05/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/05/08 Time: 2125

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	7446-09-5	Sulfur dioxide	1.73	13.1	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041522

Level: (low/med) Lab File ID: 2080606q/x8768

% Moisture: not dec. Date Collected: 06/05/08 Time: 1100

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 1928

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW07R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041522

Level: (low/med)

Lab File ID: 2080606q/x8768

% Moisture: not dec.

Date Collected: 06/05/08 Time: 1100

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/06/08

Instrument ID: MSV0

Date Analyzed: 06/06/08 Time: 1928

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375138

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0 ~~0.44~~	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

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FORM I VOA

9/15/08 MSL

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW07R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041522

Sample wt/vol: Units: Lab File ID: 2080606q/x8768

Level: (low/med) Date Collected: 06/05/08 Time: 1100

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 1928

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tic detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041523

Level: (low/med) Lab File ID: 2080606q/x8769

% Moisture: not dec. Date Collected: 06/05/08 Time: 1320

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 1952

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW58-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041523

Level: (low/med)

Lab File ID: 2080606q/x8769

% Moisture: not dec.

Date Collected: 06/05/08 Time: 1320

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/06/08

Instrument ID: MSV0

Date Analyzed: 06/06/08 Time: 1952

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375138

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0 ~~0.31~~	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

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FORM I VOA

9/15/08 mgk

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW58-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041523

Sample wt/vol: Units: Lab File ID: 2080606q/x8769

Level: (low/med) Date Collected: 06/05/08 Time: 1320

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 1952

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW59-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041524

Level: (low/med) Lab File ID: 2080606q/x8770

% Moisture: not dec. Date Collected: 06/05/08 Time: 1340

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2016

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW59-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041524

Level: (low/med)

Lab File ID: 2080606q/x8770

% Moisture: not dec.

Date Collected: 06/05/08 Time: 1340

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/06/08

Instrument ID: MSV0

Date Analyzed: 06/06/08 Time: 2016

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375138

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
75-09-2	Methylene chloride	2.0 ~~0.49~~	J	0.010	2.0	u
100-42-5	Styrene	1.0	U	0.010	1.0	
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0	
108-88-3	Toluene	1.0	U	0.010	1.0	
79-01-6	Trichloroethene	1.0	U	0.010	1.0	
75-01-4	Vinyl chloride	1.0	U	0.010	1.0	
1330-20-7	Xylene (total)	1.0	U	0.010	1.0	

FORM I VOA

9/18/08 MA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW59-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041524

Sample wt/vol: Units: Lab File ID: 2080606q/x8770

Level: (low/med) Date Collected: 06/05/08 Time: 1340

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2016

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW60-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041525

Level: (low/med) Lab File ID: 2080606q/x8771

% Moisture: not dec. Date Collected: 06/05/08 Time: 1350

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2043

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW60-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041525

Level: (low/med) Lab File ID: 2080606q/x8771

% Moisture: not dec. Date Collected: 06/05/08 Time: 1350

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2043

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW60-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041525

Sample wt/vol: Units: Lab File ID: 2080606q/x8771

Level: (low/med) Date Collected: 06/05/08 Time: 1350

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2043

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041526

Level: (low/med) Lab File ID: 2080606q/x8772

% Moisture: not dec. Date Collected: 06/05/08 Time: 1420

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2106

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW61-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041526

Level: (low/med) Lab File ID: 2080606q/x8772

% Moisture: not dec. Date Collected: 06/05/08 Time: 1420

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2106

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW61-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041526

Sample wt/vol: Units: Lab File ID: 2080606q/x8772

Level: (low/med) Date Collected: 06/05/08 Time: 1420

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2106

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (GW59)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041527

Level: (low/med) Lab File ID: 2080606q/x8773

% Moisture: not dec. Date Collected: 06/05/08 Time: 1343

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2130

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1026 (GW59)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041527

Level: (low/med) Lab File ID: 2080606q/x8773

% Moisture: not dec. Date Collected: 06/05/08 Time: 1343

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2130

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ADI

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	2.0	U	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-FD-1026 (GW59)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041527

Sample wt/vol: Units: Lab File ID: 2080606q/x8773

Level: (low/med) Date Collected: 06/05/08 Time: 1343

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2130

Instrument ID: MSV0 Dilution Factor: 1 Analyst: ADI

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		No tics detected			

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20806041531

Level: (low/med) Lab File ID: 2080606q/x8774

% Moisture: not dec. Date Collected: 06/05/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/06/08

Instrument ID: MSV0 Date Analyzed: 06/06/08 Time: 2157

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
75-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	U	0.010	1.0
74-87-3	Chloromethane	1.0	U	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL

Lab Sample ID: 20806041531

Level: (low/med)

Lab File ID: 2080606q/x8774

% Moisture: not dec.

Date Collected: 06/05/08 Time: 0000

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 06/06/08

Instrument ID: MSV0

Date Analyzed: 06/06/08 Time: 2157

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 375138

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.18	J	0.010	2.0
100-42-5	Styrene	1.0	U	0.010	1.0
127-18-4	Tetrachloroethene	1.0	U	0.010	1.0
108-88-3	Toluene	1.0	U	0.010	1.0
79-01-6	Trichloroethene	1.0	U	0.010	1.0
75-01-4	Vinyl chloride	1.0	U	0.010	1.0
1330-20-7	Xylene (total)	1.0	U	0.010	1.0

FORM I VOA

Resubmitted 9/15/08 MSK

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-TB-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: Water Lab Sample ID: 20806041531

Sample wt/vol: Units: Lab File ID: 2080606q/x8774

Level: (low/med) Date Collected: 06/05/08 Time: 0000

% Moisture: not dec. Date Received: 06/06/08

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/06/08 Time: 2157

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	1823-52-5	2-Oxetanone, 4,4-dimethyl-	1.786	.217	

FORM I VOA-TIC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW63-1026

Contract:

Lab File ID: 2080617/b8006

Lab Sample ID: 20806041501

Date Collected: 06/03/08 Time: 1435

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1614

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW63-1026

Contract:

Lab File ID: 2080617/b8006

Lab Sample ID: 20806041501

Date Collected: 06/03/08 Time: 1435

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1614

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~J~~ B	J	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.8	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/15/08 MSL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW63-1026

Contract:

Lab File ID: 2080617/b8006

Lab Sample ID: 20806041501

Date Collected: 06/03/08 Time: 1435

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1614

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 950 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW63-1026

Contract:

Lab File ID: 2080617/b8006

Lab Sample ID: 20806041501

Date Collected: 06/03/08 Time: 1435

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1614

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	119	
2.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	3.242	.887	
3.	57-11-4	Octadecanoic acid	5.436	2.25	

FORM I SV-TIC

9/15/08 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW63)

Contract:

Lab File ID: 2080617/b8007

Lab Sample ID: 20806041502

Date Collected: 06/03/08 Time: 1440

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1630

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.: .

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW63)

Contract:

Lab File ID: 2080617/b8007

Lab Sample ID: 20806041502

Date Collected: 06/03/08 Time: 1440

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1630

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~J~~	J B	0.01	10	U
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	
85-68-7	Butylbenzylphthalate	10	U	0.01	10	
86-74-8	Carbazole	10	U	0.01	10	
218-01-9	Chrysene	10	U	0.01	10	
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10	
117-84-0	Di-n-octylphthalate	10	U	0.01	10	
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	
132-64-9	Dibenzofuran	10	U	0.01	10	
84-66-2	Diethylphthalate	10	U	0.01	10	
131-11-3	Dimethyl-phthalate	10	U	0.01	10	
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	
206-44-0	Fluoranthene	10	U	0.01	10	
86-73-7	Fluorene	10	U	0.01	10	
118-74-1	Hexachlorobenzene	10	U	0.01	10	
87-68-3	Hexachlorobutadiene	10	U	0.01	10	
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	
67-72-1	Hexachloroethane	10	U	0.01	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	
78-59-1	Isophorone	10	U	0.01	10	
91-20-3	Naphthalene	10	U	0.01	10	
100-01-6	4-Nitroaniline	25	U	0.01	25	
98-95-3	Nitrobenzene	10	U	0.01	10	
100-02-7	4-Nitrophenol	25	U	0.01	25	
87-86-5	Pentachlorophenol	25	U	0.01	25	
85-01-8	Phenanthrene	10	U	0.01	10	
108-95-2	Phenol	10	U	0.01	10	
129-00-0	Pyrene	10	U	0.01	10	
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	

FORM I SV-1

9/18/08 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW63)

Contract:

Lab File ID: 2080617/b8007

Lab Sample ID: 20806041502

Date Collected: 06/03/08 Time: 1440

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1630

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-FD-1026 (GW63)

Contract:

Lab File ID: 2080617/b8007

Lab Sample ID: 20806041502

Date Collected: 06/03/08 Time: 1440

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1630

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	127	
2.	~~100-42-5~~	~~Styrene~~	~~.951~~	~~2.70~~	

FORM I SV-TIC

9/15/08 MGK

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW64-1026

Contract:

Lab File ID: 2080617/b8008

Lab Sample ID: 20806041503

Date Collected: 06/03/08 Time: 1415

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1645

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW64-1026

Contract:

Lab File ID: 2080617/b8008

Lab Sample ID: 20806041503

Date Collected: 06/03/08 Time: 1415

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1645

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10	J B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/16/08

307

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW64-1026

Contract:

Lab File ID: 2080617/b8008

Lab Sample ID: 20806041503

Date Collected: 06/03/08 Time: 1415

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1645

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060415
Matrix: Water
Sample wt/vol: 950 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW64-1026
Contract:
Lab File ID: 2080617/b8008
Lab Sample ID: 20806041503
Date Collected: 06/03/08 Time: 1415
Date Received: 06/04/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1645
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.389	121	
2.	123-91-1	1,4-Dioxane	.429	2.68	
3.	57-11-4	Octadecanoic acid	5.436	2.52	

9/16/08 MSL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026

Contract:

Lab File ID: 2080617/b8009

Lab Sample ID: 20806041511

Date Collected: 06/04/08 Time: 1200

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1701

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

R

FORM I SV-1

9/15/08 MSW

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026

Contract:

Lab File ID: 2080617/b8009

Lab Sample ID: 20806041511

Date Collected: 06/04/08 Time: 1200

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1701

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	18	B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

U R

FORM I SV-1

9/18/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026

Contract:

Lab File ID: 2080617/b8009

Lab Sample ID: 20806041511

Date Collected: 06/04/08 Time: 1200

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1701

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10	R
95-48-7	o-Cresol	10	U	0.01	10	R

9/17/08

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060415
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW06R-1026
Contract:
Lab File ID: 2080617/b8009
Lab Sample ID: 20806041511
Date Collected: 06/04/08 Time: 1200
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1701
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SW0A
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 4

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	99.9	
2.	21400-25-9	1-Propene, 1,1,2-trichloro-	1.354	4.57	
3.	107409-52-	2,3,5,6-Tetrachlorophenylmethy	5.061	1.96	
4.	10544-50-0	Sulfur, mol. (S8)	5.334	3.27	

9/15/08 MGA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW62A-1026

Contract:

Lab File ID: 2080617/b8010

Lab Sample ID: 20806041512

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1716

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW62A-1026

Contract:

Lab File ID: 2080617/b8010

Lab Sample ID: 20806041512

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1716

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~10~~	J	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/15/08 mm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW62A-1026

Contract:

Lab File ID: 2080617/b8010

Lab Sample ID: 20806041512

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1716

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060415
Matrix: Water
Sample wt/vol: 950 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW62A-1026
Contract:
Lab File ID: 2080617/b8010
Lab Sample ID: 20806041512
Date Collected: 06/04/08 Time: 1000
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1716
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 5

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	~~75-09-2~~	~~Methylene Chloride~~	~~.981~~	~~2.45~~	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	108	
3.	21400-25-9	1-Propene, 1,1,2-trichloro-	1.357	4.38	
4.	149-57-5	Hexanoic acid, 2-ethyl-	2.237	2.31	
5.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.897	3.14	

FORM I SV-TIC

9/15/08
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW07R-1026

Contract:

Lab File ID: 2080617/b8013

Lab Sample ID: 20806041522

Date Collected: 06/05/08 Time: 1100

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1802

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060415
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW07R-1026
Contract:
Lab File ID: 2080617/b8013
Lab Sample ID: 20806041522
Date Collected: 06/05/08 Time: 1100
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1802
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SVOA
Analytical Method: OLMO 4.2
Instrument ID: MSSV3
Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	26		0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW07R-1026

Contract:

Lab File ID: 2080617/b8013

Lab Sample ID: 20806041522

Date Collected: 06/05/08 Time: 1100

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1802

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW07R-1026

Contract:

Lab File ID: 2080617/b8013

Lab Sample ID: 20806041522

Date Collected: 06/05/08 Time: 1100

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1802

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2SVOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	111	

FORM I SV-TIC

9/15/08 MC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW58-1026

Contract:

Lab File ID: 2080617/b8014

Lab Sample ID: 20806041523

Date Collected: 06/05/08 Time: 1320

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1818

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW58-1026

Contract:

Lab File ID: 2080617/b8014

Lab Sample ID: 20806041523

Date Collected: 06/05/08 Time: 1320

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1818

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	12	B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/15/08 MGL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW58-1026

Contract:

Lab File ID: 2080617/b8014

Lab Sample ID: 20806041523

Date Collected: 06/05/08 Time: 1320

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1818

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 950 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW58-1026

Contract:

Lab File ID: 2080617/b8014

Lab Sample ID: 20806041523

Date Collected: 06/05/08 Time: 1320

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1818

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM 4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	115	
2.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.821	280	
3.	934-34-9	2(3H)-Benzothiazolone	4.23	6.67	

FORM I SV-TIC

9/15/08 MCL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW59-1026

Contract:

Lab File ID: 2080617/b8015

Lab Sample ID: 20806041524

Date Collected: 06/05/08 Time: 1340

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1833

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW59-1026

Contract:

Lab File ID: 2080617/b8015

Lab Sample ID: 20806041524

Date Collected: 06/05/08 Time: 1340

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1833

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~2~~	J ~~B~~	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.5	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

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FORM I SV-1

9/18/08 MSU

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW59-1026

Contract:

Lab File ID: 2080617/b8015

Lab Sample ID: 20806041524

Date Collected: 06/05/08 Time: 1340

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1833

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW59-1026

Contract:

Lab File ID: 2080617/b8015

Lab Sample ID: 20806041524

Date Collected: 06/05/08 Time: 1340

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1833

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 5

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	114	
2.	2233-00-3	1-Propene, 3,3,3-trichloro-	1.355	2.81	
3.	111-46-6	Ethanol, 2,2'-oxybis-	1.442	11.6	
4.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.767	10	
5.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.903	14.7	

FORM I SV-TIC

9/15/08
MSM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW60-1026

Contract:

Lab File ID: 2080617/b8016

Lab Sample ID: 20806041525

Date Collected: 06/05/08 Time: 1350

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1848

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW60-1026

Contract:

Lab File ID: 2080617/b8016

Lab Sample ID: 20806041525

Date Collected: 06/05/08 Time: 1350

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1848

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	28		0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.9	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW60-1026

Contract:

Lab File ID: 2080617/b8016

Lab Sample ID: 20806041525

Date Collected: 06/05/08 Time: 1350

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1848

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW60-1026

Contract:

Lab File ID: 2080617/b8016

Lab Sample ID: 20806041525

Date Collected: 06/05/08 Time: 1350

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1848

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM 4.2 SUOA

Analytical Method: ~~SW-846 8270C~~ OLM 04.2

Instrument ID: MSSV3

Number TICs Found : 4

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	~~75-09-2~~	~~Methylene Chloride~~	~~.358~~	~~6.06~~	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	126	
3.	111-46-6	Ethanol, 2,2'-oxybis-	1.422	2.88	
4.	57-11-4	Octadecanoic acid	5.436	2.23	

FORM I SV-TIC

7/18/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW61-1026

Contract:

Lab File ID: 2080617/b8017

Lab Sample ID: 20806041526

Date Collected: 06/05/08 Time: 1420

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1904

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW61-1026

Contract:

Lab File ID: 2080617/b8017

Lab Sample ID: 20806041526

Date Collected: 06/05/08 Time: 1420

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1904

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~2~~	J B	0.01	10	u
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	
85-68-7	Butylbenzylphthalate	10	U	0.01	10	
86-74-8	Carbazole	10	U	0.01	10	
218-01-9	Chrysene	10	U	0.01	10	
84-74-2	Di-n-butylphthalate	0.5	J	0.01	10	
117-84-0	Di-n-octylphthalate	10	U	0.01	10	
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	
132-64-9	Dibenzofuran	10	U	0.01	10	
84-66-2	Diethylphthalate	10	U	0.01	10	
131-11-3	Dimethyl-phthalate	10	U	0.01	10	
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	
206-44-0	Fluoranthene	10	U	0.01	10	
86-73-7	Fluorene	10	U	0.01	10	
118-74-1	Hexachlorobenzene	10	U	0.01	10	
87-68-3	Hexachlorobutadiene	10	U	0.01	10	
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	
67-72-1	Hexachloroethane	10	U	0.01	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	
78-59-1	Isophorone	10	U	0.01	10	
91-20-3	Naphthalene	10	U	0.01	10	
100-01-6	4-Nitroaniline	25	U	0.01	25	
98-95-3	Nitrobenzene	10	U	0.01	10	
100-02-7	4-Nitrophenol	25	U	0.01	25	
87-86-5	Pentachlorophenol	25	U	0.01	25	
85-01-8	Phenanthrene	10	U	0.01	10	
108-95-2	Phenol	10	U	0.01	10	
129-00-0	Pyrene	10	U	0.01	10	
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	

FORM I SV-1

9/16/08
MSM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW61-1026

Contract:

Lab File ID: 2080617/b8017

Lab Sample ID: 20806041526

Date Collected: 06/05/08 Time: 1420

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1904

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 208060415
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med)
% Moisture: not dec.
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SK-GW61-1026
Contract:
Lab File ID: 2080617/b8017
Lab Sample ID: 20806041526
Date Collected: 06/05/08 Time: 1420
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/17/08 Time: 1904
Dilution Factor: 1 Analyst: KCB
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 6

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	~~75-09-2~~	~~Methylene Chloride~~	~~.358~~	~~7.33~~	
2.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	106	
3.	123-91-1	1,4-Dioxane	.432	2.9	
4.	149-57-5	Hexanoic acid, 2-ethyl-	2.481	2.8	
5.	3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene,	5.064	2.07	
6.	57-11-4	Octadecanoic acid	5.436	2.26	

9/15/08 MJG

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW59)

Contract:

Lab File ID: 2080617/b8018

Lab Sample ID: 20806041527

Date Collected: 06/05/08 Time: 1343

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1919

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW59)

Contract:

Lab File ID: 2080617/b8018

Lab Sample ID: 20806041527

Date Collected: 06/05/08 Time: 1343

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1919

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10	J B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.5	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

U

FORM I SV-1

9/15/08
MSN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-FD-1026 (GW59)

Contract:

Lab File ID: 2080617/b8018

Lab Sample ID: 20806041527

Date Collected: 06/05/08 Time: 1343

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1919

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med)

% Moisture: not dec.

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SK-FD-1026 (GW59)

Contract:

Lab File ID: 2080617/b8018

Lab Sample ID: 20806041527

Date Collected: 06/05/08 Time: 1343

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1919

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLM04.2

Instrument ID: MSSV3

Number TICs Found : 5

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	994-05-8	Butane, 2-methoxy-2-methyl-	.392	102	
2.	111-46-6	Ethanol, 2,2'-oxybis-	1.783	240	
3.	33315-72-9	Heptanoic acid, 2,6-dimethyl-,	2.873	.425	
4.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.815	236	
5.	57-10-3	Hexadecanoic acid	5.444	28.6	

FORM I SV-TIC

9/16/08
mer 430

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026 (RE)

Contract:

Lab File ID: 2080620/b8102

Lab Sample ID: 20806202501

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1011

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	10	U	0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	10	U	0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	10	U	0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	10	U	0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

US

FORM I SV-1

9/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026 (RE)

Contract:

Lab File ID: 2080620/b8102

Lab Sample ID: 20806202501

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1011

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~X~~	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

UJ

FORM I SV-1

9/18/08 MSW

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW06R-1026 (RE)

Contract:

Lab File ID: 2080620/b8102

Lab Sample ID: 20806202501

Date Collected: 06/04/08 Time: 1000

Date Received: 06/05/08

Date Extracted: 06/18/08

Date Analyzed: 06/20/08 Time: 1011

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 391293 Analytical Batch: 391298

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10	UJ
95-48-7	o-Cresol	10	U	0.01	10	UJ

FORM I SV-1

9/15/08 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10	U	0.01	10
88-06-2	2,4,6-Trichlorophenol	10	U	0.01	10
120-83-2	2,4-Dichlorophenol	10	U	0.01	10
51-28-5	2,4-Dinitrophenol	25	U	0.01	25
121-14-2	2,4-Dinitrotoluene	40		0.01	10
606-20-2	2,6-Dinitrotoluene	10	U	0.01	10
91-58-7	2-Chloronaphthalene	10	U	0.01	10
95-57-8	2-Chlorophenol	58		0.01	10
91-57-6	2-Methylnaphthalene	10	U	0.01	10
88-74-4	2-Nitroaniline	25	U	0.01	25
88-75-5	2-Nitrophenol	10	U	0.01	10
91-94-1	3,3'-Dichlorobenzidine	10	U	0.01	10
99-09-2	3-Nitroaniline	25	U	0.01	25
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	0.01	25
59-50-7	4-Chloro-3-methylphenol	60		0.01	10
106-47-8	4-Chloroaniline	10	U	0.01	10
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.01	10
106-44-5	4-Methylphenol (p-Cresol)	10	U	0.01	10
83-32-9	Acenaphthene	40		0.01	10
208-96-8	Acenaphthylene	10	U	0.01	10
120-12-7	Anthracene	10	U	0.01	10
56-55-3	Benzo(a)anthracene	10	U	0.01	10
50-32-8	Benzo(a)pyrene	10	U	0.01	10
205-99-2	Benzo(b)fluoranthene	10	U	0.01	10
191-24-2	Benzo(g,h,i)perylene	10	U	0.01	10
207-08-9	Benzo(k)fluoranthene	10	U	0.01	10
111-91-1	Bis(2-Chloroethoxy)methane	10	U	0.01	10
111-44-4	Bis(2-Chloroethyl)ether	10	U	0.01	10
108-60-1	bis(2-Chloroisopropyl)ether	10	U	0.01	10

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~8~~	J B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	76		0.01	25
87-86-5	Pentachlorophenol	73		0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	54		0.01	10
129-00-0	Pyrene	31		0.01	10
621-64-7	N-Nitroso-di-n-propylamine	28		0.01	10

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FORM I SV-1

9/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MS-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8019

Lab Sample ID: 20806041528

Date Collected: 06/05/08 Time: 1508

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1934

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MSD-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8020

Lab Sample ID: 20806041529

Date Collected: 06/05/08 Time: 1513

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1949

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10 ~~J~~	J B	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	0.5	J	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.5	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	74		0.01	25
87-86-5	Pentachlorophenol	72		0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	54		0.01	10
129-00-0	Pyrene	35		0.01	10
621-64-7	N-Nitroso-di-n-propylamine	30		0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 208060415

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: DB-5MS-30M ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-MSD-1026 (GW07R)

Contract:

Lab File ID: 2080617/b8020

Lab Sample ID: 20806041529

Date Collected: 06/05/08 Time: 1513

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/17/08 Time: 1949

Dilution Factor: 1 Analyst: KCB

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 375114 Analytical Batch: 380907

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10	U	0.01	10
95-48-7	o-Cresol	10	U	0.01	10

FORM I SV-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW63-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041501
Date Collected: 06/03/08 Time: 1435
Date Received: 06/04/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0102
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

CONCENTRATION UNITS: ug/L
Lab File ID: 2080617p/sv18a032

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-FD-1026 (GW63)
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041502
Date Collected: 06/03/08 Time: 1440
Date Received: 06/04/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0120
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

CONCENTRATION UNITS: ug/L
Lab File ID: 2080617p/sv18a033

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 375120 Analytical Batch: 391233

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW64-1026

Contract:

SAS No.: SDG No.: 208060415

Lab Sample ID: 20806041503

Date Collected: 06/03/08 Time: 1415

Date Received: 06/04/08

Date Extracted: 06/06/08

Date Analyzed: 06/18/08 Time: 0138

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

Lab File ID: 2080617p/sv18a034

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 930 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW06R-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041511
Date Collected: 06/04/08 Time: 1200
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0156
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

CONCENTRATION UNITS: ug/L
Lab File ID: 2080617p/sv18a035

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.108	U	0.000108	0.108
72-55-9	4,4'-DDE	0.108	U	0.000108	0.108
50-29-3	4,4'-DDT	0.108	U	0.000108	0.108
309-00-2	Aldrin	0.054	U	0.000108	0.054
12674-11-2	Aroclor-1016	1.08	U	0.000108	1.08
11104-28-2	Aroclor-1221	2.15	U	0.000108	2.15
11141-16-5	Aroclor-1232	1.08	U	0.000108	1.08
53469-21-9	Aroclor-1242	1.08	U	0.000108	1.08
12672-29-6	Aroclor-1248	1.08	U	0.000108	1.08
11097-69-1	Aroclor-1254	1.08	U	0.000108	1.08
11096-82-5	Aroclor-1260	1.08	U	0.000108	1.08
60-57-1	Dieldrin	0.108	U	0.000108	0.108
959-98-8	Endosulfan I	0.054	U	0.000108	0.054
33213-65-9	Endosulfan II	0.108	U	0.000108	0.108
1031-07-8	Endosulfan sulfate	0.108	U	0.000108	0.108
72-20-8	Endrin	0.108	U	0.000108	0.108
7421-93-4	Endrin aldehyde	0.108	U	0.000108	0.108
53494-70-5	Endrin ketone	0.108	U	0.000108	0.108
76-44-8	Heptachlor	0.054	U	0.000108	0.054
1024-57-3	Heptachlor epoxide	0.054	U	0.000108	0.054
72-43-5	Methoxychlor	0.538	U	0.000108	0.538
8001-35-2	Toxaphene	5.38	U	0.000108	5.38
319-84-6	alpha-BHC	0.054	U	0.000108	0.054
5103-71-9	alpha-Chlordane	0.054	U	0.000108	0.054
319-85-7	beta-BHC	0.054	U	0.000108	0.054
319-86-8	delta-BHC	0.054	U	0.000108	0.054
58-89-9	gamma-BHC (Lindane)	0.054	U	0.000108	0.054
5103-74-2	gamma-Chlordane	0.054	U	0.000108	0.054

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 970 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW62A-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041512
Date Collected: 06/04/08 Time: 1000
Date Received: 06/05/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0214
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a036

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.000103	0.103
72-55-9	4,4'-DDE	0.103	U	0.000103	0.103
50-29-3	4,4'-DDT	0.103	U	0.000103	0.103
309-00-2	Aldrin	0.052	U	0.000103	0.052
12674-11-2	Aroclor-1016	1.03	U	0.000103	1.03
11104-28-2	Aroclor-1221	2.06	U	0.000103	2.06
11141-16-5	Aroclor-1232	1.03	U	0.000103	1.03
53469-21-9	Aroclor-1242	1.03	U	0.000103	1.03
12672-29-6	Aroclor-1248	1.03	U	0.000103	1.03
11097-69-1	Aroclor-1254	1.03	U	0.000103	1.03
11096-82-5	Aroclor-1260	1.03	U	0.000103	1.03
60-57-1	Dieldrin	0.103	U	0.000103	0.103
959-98-8	Endosulfan I	0.052	U	0.000103	0.052
33213-65-9	Endosulfan II	0.103	U	0.000103	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.000103	0.103
72-20-8	Endrin	0.103	U	0.000103	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.000103	0.103
53494-70-5	Endrin ketone	0.103	U	0.000103	0.103
76-44-8	Heptachlor	0.052	U	0.000103	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000103	0.052
72-43-5	Methoxychlor	0.515	U	0.000103	0.515
8001-35-2	Toxaphene	5.15	U	0.000103	5.15
319-84-6	alpha-BHC	0.052	U	0.000103	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000103	0.052
319-85-7	beta-BHC	0.052	U	0.000103	0.052
319-86-8	delta-BHC	0.052	U	0.000103	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000103	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.000103	0.052

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 375120 Analytical Batch: 391233

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW07R-1026

Contract:

SAS No.: SDG No.: 208060415

Lab Sample ID: 20806041522

Date Collected: 06/05/08 Time: 1100

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/18/08 Time: 0307

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

Lab File ID: 2080617p/sv18a039

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 960 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW58-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041523
Date Collected: 06/05/08 Time: 1320
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0325
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a040

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.000104	0.104
72-55-9	4,4'-DDE	0.104	U	0.000104	0.104
50-29-3	4,4'-DDT	0.104	U	0.000104	0.104
309-00-2	Aldrin	0.052	U	0.000104	0.052
12674-11-2	Aroclor-1016	1.04	U	0.000104	1.04
11104-28-2	Aroclor-1221	2.08	U	0.000104	2.08
11141-16-5	Aroclor-1232	1.04	U	0.000104	1.04
53469-21-9	Aroclor-1242	1.04	U	0.000104	1.04
12672-29-6	Aroclor-1248	1.04	U	0.000104	1.04
11097-69-1	Aroclor-1254	1.04	U	0.000104	1.04
11096-82-5	Aroclor-1260	1.04	U	0.000104	1.04
60-57-1	Dieldrin	0.104	U	0.000104	0.104
959-98-8	Endosulfan I	0.052	U	0.000104	0.052
33213-65-9	Endosulfan II	0.104	U	0.000104	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.000104	0.104
72-20-8	Endrin	0.104	U	0.000104	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.000104	0.104
53494-70-5	Endrin ketone	0.104	U	0.000104	0.104
76-44-8	Heptachlor	0.052	U	0.000104	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000104	0.052
72-43-5	Methoxychlor	0.521	U	0.000104	0.521
8001-35-2	Toxaphene	5.21	U	0.000104	5.21
319-84-6	alpha-BHC	0.052	U	0.000104	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000104	0.052
319-85-7	beta-BHC	0.052	U	0.000104	0.052
319-86-8	delta-BHC	0.052	U	0.000104	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000104	0.052
5103-74-2	gamma-Chlordane	0.052	U	0.000104	0.052

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 980 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 375120 Analytical Batch: 391233

CONCENTRATION UNITS: ug/L

Sample ID: SK-GW59-1026

Contract:

SAS No.: SDG No.: 208060415

Lab Sample ID: 20806041524

Date Collected: 06/05/08 Time: 1340

Date Received: 06/06/08

Date Extracted: 06/06/08

Date Analyzed: 06/18/08 Time: 0419

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

Lab File ID: 2080617p/sv18a043

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.000102	0.102
72-55-9	4,4'-DDE	0.102	U	0.000102	0.102
50-29-3	4,4'-DDT	0.102	U	0.000102	0.102
309-00-2	Aldrin	0.051	U	0.000102	0.051
12674-11-2	Aroclor-1016	1.02	U	0.000102	1.02
11104-28-2	Aroclor-1221	2.04	U	0.000102	2.04
11141-16-5	Aroclor-1232	1.02	U	0.000102	1.02
53469-21-9	Aroclor-1242	1.02	U	0.000102	1.02
12672-29-6	Aroclor-1248	1.02	U	0.000102	1.02
11097-69-1	Aroclor-1254	1.02	U	0.000102	1.02
11096-82-5	Aroclor-1260	1.02	U	0.000102	1.02
60-57-1	Dieldrin	0.102	U	0.000102	0.102
959-98-8	Endosulfan I	0.051	U	0.000102	0.051
33213-65-9	Endosulfan II	0.102	U	0.000102	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.000102	0.102
72-20-8	Endrin	0.102	U	0.000102	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.000102	0.102
53494-70-5	Endrin ketone	0.102	U	0.000102	0.102
76-44-8	Heptachlor	0.051	U	0.000102	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000102	0.051
72-43-5	Methoxychlor	0.510	U	0.000102	0.510
8001-35-2	Toxaphene	5.10	U	0.000102	5.10
319-84-6	alpha-BHC	0.051	U	0.000102	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000102	0.051
319-85-7	beta-BHC	0.051	U	0.000102	0.051
319-86-8	delta-BHC	0.051	U	0.000102	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000102	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000102	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 980 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW60-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041525
Date Collected: 06/05/08 Time: 1350
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0437
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A

CONCENTRATION UNITS: ug/L
Lab File ID: 2080617p/sv18a044

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.102	U	0.000102	0.102
72-55-9	4,4'-DDE	0.102	U	0.000102	0.102
50-29-3	4,4'-DDT	0.102	U	0.000102	0.102
309-00-2	Aldrin	0.051	U	0.000102	0.051
12674-11-2	Aroclor-1016	1.02	U	0.000102	1.02
11104-28-2	Aroclor-1221	2.04	U	0.000102	2.04
11141-16-5	Aroclor-1232	1.02	U	0.000102	1.02
53469-21-9	Aroclor-1242	1.02	U	0.000102	1.02
12672-29-6	Aroclor-1248	1.02	U	0.000102	1.02
11097-69-1	Aroclor-1254	1.02	U	0.000102	1.02
11096-82-5	Aroclor-1260	1.02	U	0.000102	1.02
60-57-1	Dieldrin	0.102	U	0.000102	0.102
959-98-8	Endosulfan I	0.051	U	0.000102	0.051
33213-65-9	Endosulfan II	0.102	U	0.000102	0.102
1031-07-8	Endosulfan sulfate	0.102	U	0.000102	0.102
72-20-8	Endrin	0.102	U	0.000102	0.102
7421-93-4	Endrin aldehyde	0.102	U	0.000102	0.102
53494-70-5	Endrin ketone	0.102	U	0.000102	0.102
76-44-8	Heptachlor	0.051	U	0.000102	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000102	0.051
72-43-5	Methoxychlor	0.510	U	0.000102	0.510
8001-35-2	Toxaphene	5.10	U	0.000102	5.10
319-84-6	alpha-BHC	0.051	U	0.000102	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000102	0.051
319-85-7	beta-BHC	0.051	U	0.000102	0.051
319-86-8	delta-BHC	0.051	U	0.000102	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000102	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000102	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-GW61-1026
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041526
Date Collected: 06/05/08 Time: 1420
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0455
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a045

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 375120 Analytical Batch: 391233

Sample ID: SK-FD-1026 (GW59)
Contract:
SAS No.: SDG No.: 208060415
Lab Sample ID: 20806041527
Date Collected: 06/05/08 Time: 1343
Date Received: 06/06/08
Date Extracted: 06/06/08
Date Analyzed: 06/18/08 Time: 0513
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
Lab File ID: 2080617p/sv18a046

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.101	U	0.000101	0.101
72-55-9	4,4'-DDE	0.101	U	0.000101	0.101
50-29-3	4,4'-DDT	0.101	U	0.000101	0.101
309-00-2	Aldrin	0.051	U	0.000101	0.051
12674-11-2	Aroclor-1016	1.01	U	0.000101	1.01
11104-28-2	Aroclor-1221	2.02	U	0.000101	2.02
11141-16-5	Aroclor-1232	1.01	U	0.000101	1.01
53469-21-9	Aroclor-1242	1.01	U	0.000101	1.01
12672-29-6	Aroclor-1248	1.01	U	0.000101	1.01
11097-69-1	Aroclor-1254	1.01	U	0.000101	1.01
11096-82-5	Aroclor-1260	1.01	U	0.000101	1.01
60-57-1	Dieldrin	0.101	U	0.000101	0.101
959-98-8	Endosulfan I	0.051	U	0.000101	0.051
33213-65-9	Endosulfan II	0.101	U	0.000101	0.101
1031-07-8	Endosulfan sulfate	0.101	U	0.000101	0.101
72-20-8	Endrin	0.101	U	0.000101	0.101
7421-93-4	Endrin aldehyde	0.101	U	0.000101	0.101
53494-70-5	Endrin ketone	0.101	U	0.000101	0.101
76-44-8	Heptachlor	0.051	U	0.000101	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.000101	0.051
72-43-5	Methoxychlor	0.505	U	0.000101	0.505
8001-35-2	Toxaphene	5.05	U	0.000101	5.05
319-84-6	alpha-BHC	0.051	U	0.000101	0.051
5103-71-9	alpha-Chlordane	0.051	U	0.000101	0.051
319-85-7	beta-BHC	0.051	U	0.000101	0.051
319-86-8	delta-BHC	0.051	U	0.000101	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.000101	0.051
5103-74-2	gamma-Chlordane	0.051	U	0.000101	0.051

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

SOW No.:

EPA Sample No.	Lab Sample ID.
SK-GW63-1026	20806041501
SK-FD-1026 (GW63)	20806041502
SK-GW64-1026	20806041503
SK-GW65-1026	20806041504
SK-GW63-1026 (DISS)	20806041507
SK-GWFD-1026 (GW63) DIS	20806041508
SK-GW64-1026 (DISS)	20806041509
SK-GW65-1026 (DISS)	20806041510
SK-GW06R-1026	20806041511
SK-GW62A-1026	20806041512
SK-GW62B-1026	20806041515
SK-GW06R-1026 (DISS)	20806041517
SK-GW62A-1026 (DISS)	20806041518
SK-GW62B-1026 (DISS)	20806041519
SK-GW07R-1026	20806041522

Were ICP interelement corrections applied ? Yes / No YES

Were ICP background corrections applied ? Yes / No YES

If yes-were raw data generated before application of background corrections ? Yes / No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than the conditions detailed above. Release of this data contained in this hardcopy data package and in the computer readable data submitted on the diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Karen Melerine Name: Karen Melerine

Date:: 6-27-06 Title: Data Validator

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

SOW No.:

EPA Sample No.	*Lab Sample ID.*
SK-GW58-1026	20806041523
SK-GW59-1026	20806041524
SK-GW60-1026	20806041525
SK-GW61-1026	20806041526
SK-FD-1026 (GW59)	20806041527
SK-MS-1026 (GW07R)	20806041528
SK-DUP-1026 (GW07R)	20806041530
SK-GW07R-1026 (DISS)	20806041532
SK-GW58-1026 (DISS)	20806041533
SK-GW59-1026 (DISS)	20806041534
SK-GW60-1026 (DISS)	20806041535
SK-GW61-1026 (DISS)	20806041536
SK-FD-1026 (DISS)	20806041537
SK-MS-1026 (DISS)	20806041538
SK-DUP-1026 (DISS)	20806041539

Were ICP interelement corrections applied ? Yes / No YES

Were ICP background corrections applied ? Yes / No YES

If yes-were raw data generated before application of background corrections ? Yes / No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness for other than the conditions detailed above. Release of this data contained in this hardcopy data package and in the computer readable data submitted on the diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Karen Melerine Name: Karen Melerine

Date:: 4-27-08 Title: Data Validator

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW63-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041501

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3550			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	49.7	B	E	P	J
7440-41-7	Beryllium	0.2	B		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	267000		E	P	J
7440-47-3	Chromium	8.4	B		P	
7440-48-4	Cobalt	2.5	B		P	
7440-50-8	Copper	11.1	B		P	
7439-89-6	Iron	7590			P	
7439-92-1	Lead	5.7		E	P	
7439-95-4	Magnesium	64600		E	P	J
7439-96-5	Manganese	1060			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	8.1	B		P	
7440-09-7	Potassium	6250			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	36600		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	25.6	B		P	
7440-66-6	Zinc	38.5			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: LT.BROWN Clarity Before: CLEAR Texture:

Color After: LT.BROWN Clarity After: CLEAR Artifacts:

Comments:

9/15/08

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1026 (GW63)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041502

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3280			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	48.9	B	E	P	J
7440-41-7	Beryllium	0.2	B		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	262000		E	P	J
7440-47-3	Chromium	8.3	B		P	
7440-48-4	Cobalt	2.2	B		P	
7440-50-8	Copper	11.2	B		P	
7439-89-6	Iron	6960			P	
7439-92-1	Lead	7.0		~~E~~	P	
7439-95-4	Magnesium	63700		E	P	J
7439-96-5	Manganese	1070			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	7.6	B		P	
7440-09-7	Potassium	6170			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	36100		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	25.6	B		P	
7440-66-6	Zinc	33.7			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: LT.BROWN Clarity Before: CLEAR Texture:

Color After: LT.BROWN Clarity After: CLEAR Artifacts:

Comments:

9/15/08 MPL

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW64-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041503

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	583			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	56.2	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	167000		E	P	J
7440-47-3	Chromium	4.8	B		P	
7440-48-4	Cobalt	3.8	B		P	
7440-50-8	Copper	5.2	B		P	
7439-89-6	Iron	2030			P	
7439-92-1	Lead	1.8	B	~~E~~	P	
7439-95-4	Magnesium	56700		E	P	J
7439-96-5	Manganese	2690			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	7.0	B		P	
7440-09-7	Potassium	20800			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	47400		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	18.3	B		P	
7440-66-6	Zinc	14.0	B		P	
57-12-5	Cyanide	3.0	B		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/18/08 MSL

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW65-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041504

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2450			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	40.6	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	191000		E	P	J
7440-47-3	Chromium	12.5			P	
7440-48-4	Cobalt	2.5	B		P	
7440-50-8	Copper	9.1	B		P	
7439-89-6	Iron	7060			P	
7439-92-1	Lead	7.7		E	P	
7439-95-4	Magnesium	139000		E	P	J
7439-96-5	Manganese	192			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	4.7	B		P	
7440-09-7	Potassium	4740	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	32500		E	P	J
7440-28-0	Thallium	2.5	B		P	
7440-62-2	Vanadium	34.3	B		P	
7440-66-6	Zinc	30.7			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: LT.YELLOW Clarity Before: CLEAR Texture:

Color After: LT.YELLOW Clarity After: CLEAR Artifacts:

Comments:

9/15/08
MR

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW63-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041507

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	32.0	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	266000		E	P	J
7440-47-3	Chromium	3.6	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	4.2	B		P	
7439-89-6	Iron	265			P	
7439-92-1	Lead	1.2	B		P	
7439-95-4	Magnesium	65600		E	P	J
7439-96-5	Manganese	1470			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	2.0	B		P	
7440-09-7	Potassium	5390			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	40100		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	18.5	B		P	
7440-66-6	Zinc	14.3	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/18/08
MM
B40

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GWFD-1026 (GW63) DIS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041508

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	3.1	B		P	
7440-39-3	Barium	31.7	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	247000		E	P	J
7440-47-3	Chromium	3.4	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	4.0	B		P	
7439-89-6	Iron	70.6	B		P	
7439-92-1	Lead	1.2	B		P	
7439-95-4	Magnesium	61200		E	P	J
7439-96-5	Manganese	1120			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	1.8	B		P	
7440-09-7	Potassium	5220			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	35200		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	16.3	B		P	
7440-66-6	Zinc	14.6	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/18/08 MM

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW64-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041509

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	48.6	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	151000		E	P	J
7440-47-3	Chromium	3.3	B		P	
7440-48-4	Cobalt	2.0	B		P	
7440-50-8	Copper	3.5	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	3.2			P	
7439-95-4	Magnesium	51500		E	P	J
7439-96-5	Manganese	2080			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	4.6	B		P	
7440-09-7	Potassium	17100			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	41300		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	14.3	B		P	
7440-66-6	Zinc	10.2	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/15/08 MSN

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW65-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041510

Level: (low / med) Date Received: 06/04/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	88.5	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	28.5	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	190000		E	P	J
7440-47-3	Chromium	6.4	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	3.2	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	2.3	B		P	
7439-95-4	Magnesium	138000		E	P	J
7439-96-5	Manganese	0.2	U		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	3980	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	31800		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	29.1	B		P	
7440-66-6	Zinc	14.4	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/15/08
MSL

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW06R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041511

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	457			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	214		E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	173000		E	P	J
7440-47-3	Chromium	3.1	B		P	
7440-48-4	Cobalt	0.9	B		P	
7440-50-8	Copper	5.3	B		P	
7439-89-6	Iron	2090			P	
7439-92-1	Lead	3.4		E	P	
7439-95-4	Magnesium	34300		E	P	J
7439-96-5	Manganese	106			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	B		P	
7440-09-7	Potassium	2480	B		P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	17000		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	12.4	B		P	
7440-66-6	Zinc	20.7			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/18/08 MBW

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW62A-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041512

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	228			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	95.4	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	117000		E	P	J
7440-47-3	Chromium	3.3	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	6.1	B		P	
7439-89-6	Iron	629			P	
7439-92-1	Lead	2.0	B	~~E~~	P	
7439-95-4	Magnesium	42800		E	P	J
7439-96-5	Manganese	14.4	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.8	B		P	
7440-09-7	Potassium	6610			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	102000		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	12.4	B		P	
7440-66-6	Zinc	14.7	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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9/18/08 MJL

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW62B-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041515

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1320			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	43.4	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	270000		E	P	J
7440-47-3	Chromium	5.1	B		P	
7440-48-4	Cobalt	1.7	B		P	
7440-50-8	Copper	13.0	B		P	
7439-89-6	Iron	3970			P	
7439-92-1	Lead	4.6		~~E~~	P	
7439-95-4	Magnesium	59300		E	P	J
7439-96-5	Manganese	461			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	8.3	B		P	
7440-09-7	Potassium	13100			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	59500		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	18.2	B		P	
7440-66-6	Zinc	80.5			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: LT.YELLOW Clarity Before: CLEAR Texture:

Color After: LT.YELLOW Clarity After: CLEAR Artifacts:

Comments:

9/18/08
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW06R-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041517

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	211		E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	180000		E	P	J
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.5	B		P	
7440-50-8	Copper	3.0	B		P	
7439-89-6	Iron	586			P	
7439-92-1	Lead	2.4	B		P	
7439-95-4	Magnesium	34200		E	P	J
7439-96-5	Manganese	132			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2460	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	17300		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	10.4	B		P	
7440-66-6	Zinc	15.2	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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7/15/08 MSH

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW62A-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041518

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	88.9	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	114000		E	P	J
7440-47-3	Chromium	2.5	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	4.7	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	2.8	B		P	
7439-95-4	Magnesium	40700		E	P	J
7439-96-5	Manganese	0.2	U		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	6200			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	96300		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	12.4	B		P	
7440-66-6	Zinc	14.4	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/15/08 MGM

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW62B-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041519

Level: (low / med) Date Received: 06/05/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.9	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	41.8	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	273000		E	P	J
7440-47-3	Chromium	3.3	B		P	
7440-48-4	Cobalt	0.5	B		P	
7440-50-8	Copper	4.6	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	3.1			P	
7439-95-4	Magnesium	56700		E	P	J
7439-96-5	Manganese	223			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	4.6	B		P	
7440-09-7	Potassium	10000			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	54500		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	16.0	B		P	
7440-66-6	Zinc	52.6			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW07R-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041522

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	77.7	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	95.0	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	177000		E	P	J
7440-47-3	Chromium	2.2	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	5.7	B		P	
7439-89-6	Iron	151			P	
7439-92-1	Lead	3.3		~~E~~	P	
7439-95-4	Magnesium	30400		E	P	J
7439-96-5	Manganese	21.5			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	1890	B		P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	13700		E	P	J
7440-28-0	Thallium	2.0	B		P	
7440-62-2	Vanadium	11.6	B		P	
7440-66-6	Zinc	18.9	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/15/08
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850

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW58-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041523

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	475			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	120	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	95600		E	P	J
7440-47-3	Chromium	2.9	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	4.6	B		P	
7439-89-6	Iron	1260			P	
7439-92-1	Lead	1.2	U	~~E~~	P	
7439-95-4	Magnesium	30000		E	P	J
7439-96-5	Manganese	45.4			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.8	B		P	
7440-09-7	Potassium	3430	B		P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	25200		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	10.1	B		P	
7440-66-6	Zinc	15.1	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW59-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041524

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	451			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	UJ
7440-39-3	Barium	46.8	B	E	P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	136000		E	P	J
7440-47-3	Chromium	2.7	B		P	
7440-48-4	Cobalt	0.5	B		P	
7440-50-8	Copper	4.8	B		P	
7439-89-6	Iron	1440			P	
7439-92-1	Lead	3.8		~~E~~	P	
7439-95-4	Magnesium	21800		E	P	J
7439-96-5	Manganese	47.7			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	1.2	B		P	
7440-09-7	Potassium	10100			P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	36800		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	7.2	B		P	
7440-66-6	Zinc	17.0	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW60-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041525

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	127	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	88.4	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	122000		E	P	J
7440-47-3	Chromium	1.8	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	5.3	B		P	
7439-89-6	Iron	307			P	
7439-92-1	Lead	1.5	B	~~E~~	P	
7439-95-4	Magnesium	16400		E	P	J
7439-96-5	Manganese	15.5			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	9910			P	
7782-49-2	Selenium	3.6	B		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	7450		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	4.6	B		P	
7440-66-6	Zinc	12.6	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW61-1026

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041526

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	24.4	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	292000		E	P	J
7440-47-3	Chromium	3.9	B		P	
7440-48-4	Cobalt	1.5	B		P	
7440-50-8	Copper	4.8	B		P	
7439-89-6	Iron	1390			P	
7439-92-1	Lead	2.4	B	~~E~~	P	
7439-95-4	Magnesium	63700		E	P	J
7439-96-5	Manganese	486			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	3.9	B		P	
7440-09-7	Potassium	9530			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	61400		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	18.1	B		P	
7440-66-6	Zinc	18.6	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1026 (GW59)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041527

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1920			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	55.6	B	E	P	J
7440-41-7	Beryllium	0.2	B		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	140000		E	P	J
7440-47-3	Chromium	6.7	B		P	
7440-48-4	Cobalt	2.2	B		P	
7440-50-8	Copper	7.4	B		P	
7439-89-6	Iron	6000			P	
7439-92-1	Lead	7.3		~~E~~	P	
7439-95-4	Magnesium	24200		E	P	J
7439-96-5	Manganese	261			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	5.1	B		P	
7440-09-7	Potassium	13400			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	42900		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	10.7	B		P	
7440-66-6	Zinc	28.2			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: LT.BROWN Clarity Before: CLEAR Texture:

Color After: LT.BROWN Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-MS-1026 (GW07R)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041528

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2040			P	
7440-36-0	Antimony	99.5			P	
7440-38-2	Arsenic	40.8			P	J
7440-39-3	Barium	2010		E	P	J
7440-41-7	Beryllium	50.8			P	
7440-43-9	Cadmium	46.7			P	
7440-70-2	Calcium	177000		E	P	J
7440-47-3	Chromium	203			P	
7440-48-4	Cobalt	468			P	
7440-50-8	Copper	243			P	
7439-89-6	Iron	1170			P	
7439-92-1	Lead	22.6		~~E~~	P	
7439-95-4	Magnesium	30700		E	P	J
7439-96-5	Manganese	510			P	
7439-97-6	Mercury	4.8			AV	J
7440-02-0	Nickel	478			P	
7440-09-7	Potassium	1920	B		P	
7782-49-2	Selenium	12.5			P	J
7440-22-4	Silver	50.6			P	
7440-23-5	Sodium	14000		E	P	J
7440-28-0	Thallium	49.6			P	
7440-62-2	Vanadium	501			P	
7440-66-6	Zinc	503			P	
57-12-5	Cyanide	86.1			AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1026 (GW07R)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041530

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	62.7	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.8	B		P	J
7440-39-3	Barium	93.8	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	172000		E	P	J
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	5.4	B		P	
7439-89-6	Iron	190			P	
7439-92-1	Lead	3.8		~~E~~	P	
7439-95-4	Magnesium	30300		E	P	J
7439-96-5	Manganese	19.6			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	1910	B		P	
7782-49-2	Selenium	3.1	U		P	UJ
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	13300		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	10.9	B		P	
7440-66-6	Zinc	15.2	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW07R-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041532

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	88.0	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	175000		E	P	J
7440-47-3	Chromium	2.0	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	3.6	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	2.9	B		P	
7439-95-4	Magnesium	30200		E	P	J
7439-96-5	Manganese	0.3	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	1620	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	13500		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	9.8	B		P	
7440-66-6	Zinc	17.1	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW58-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041533

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	129	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	107000		E	P	J
7440-47-3	Chromium	1.9	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	2.4	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	1.2	U		P	
7439-95-4	Magnesium	33100		E	P	J
7439-96-5	Manganese	4.4	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	3660	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	27500		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	9.8	B		P	
7440-66-6	Zinc	9.2	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW59-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041534

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	43.5	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	155000		E	P	J
7440-47-3	Chromium	1.8	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	2.9	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	1.7	B		P	
7439-95-4	Magnesium	25200		E	P	J
7439-96-5	Manganese	0.2	U		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	11100			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	41800		E	P	J
7440-28-0	Thallium	2.1	B		P	
7440-62-2	Vanadium	7.4	B		P	
7440-66-6	Zinc	12.3	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW60-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041535

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	87.4	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	124000		E	P	J
7440-47-3	Chromium	1.4	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	3.6	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	2.9	B		P	
7439-95-4	Magnesium	16100		E	P	J
7439-96-5	Manganese	0.2	U		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	9980			P	
7782-49-2	Selenium	3.2	B		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	7300		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	4.3	B		P	
7440-66-6	Zinc	10.1	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW61-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041536

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	266			P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	25.6	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	252000		E	P	J
7440-47-3	Chromium	3.4	B		P	
7440-48-4	Cobalt	1.2	B		P	
7440-50-8	Copper	4.6	B		P	
7439-89-6	Iron	1660			P	
7439-92-1	Lead	3.3			P	
7439-95-4	Magnesium	51400		E	P	J
7439-96-5	Manganese	291			P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	3.6	B		P	
7440-09-7	Potassium	8870			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	49500		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	13.5	B		P	
7440-66-6	Zinc	21.5			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041537

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.3	U		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	45.5	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	160000		E	P	J
7440-47-3	Chromium	1.5	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	2.6	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	3.4			P	
7439-95-4	Magnesium	25800		E	P	J
7439-96-5	Manganese	0.2	U		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	13900			P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	45200		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	6.6	B		P	
7440-66-6	Zinc	10.4	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-MS-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041538

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1960			P	
7440-36-0	Antimony	100			P	
7440-38-2	Arsenic	42.6			P	
7440-39-3	Barium	1990		E	P	J
7440-41-7	Beryllium	50.4			P	
7440-43-9	Cadmium	46.6			P	
7440-70-2	Calcium	177000		E	P	J
7440-47-3	Chromium	201			P	
7440-48-4	Cobalt	468			P	
7440-50-8	Copper	241			P	
7439-89-6	Iron	956			P	
7439-92-1	Lead	21.9			P	
7439-95-4	Magnesium	30900		E	P	J
7439-96-5	Manganese	488			P	
7439-97-6	Mercury	4.7			AV	J
7440-02-0	Nickel	475			P	
7440-09-7	Potassium	1610	B		P	
7782-49-2	Selenium	11.7			P	
7440-22-4	Silver	51.0			P	
7440-23-5	Sodium	13800		E	P	J
7440-28-0	Thallium	45.7			P	
7440-62-2	Vanadium	496			P	
7440-66-6	Zinc	496			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1026 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 208060415

Matrix: (soil / water) Water Lab Sample ID: 20806041539

Level: (low / med) Date Received: 06/06/08

% Solids:

Concentration Units (ug/L or mg/kg dry weight) : ug/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	104	B		P	
7440-36-0	Antimony	1.6	U		P	
7440-38-2	Arsenic	2.5	U		P	
7440-39-3	Barium	85.9	B	E	P	J
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	170000		E	P	J
7440-47-3	Chromium	1.9	B		P	
7440-48-4	Cobalt	0.3	U		P	
7440-50-8	Copper	3.3	B		P	
7439-89-6	Iron	8.1	U		P	
7439-92-1	Lead	2.2	B		P	
7439-95-4	Magnesium	29800		E	P	J
7439-96-5	Manganese	0.3	B		P	
7439-97-6	Mercury	0.1	U		AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	1580	B		P	
7782-49-2	Selenium	3.1	U		P	
7440-22-4	Silver	0.4	U		P	
7440-23-5	Sodium	13200		E	P	J
7440-28-0	Thallium	1.8	U		P	
7440-62-2	Vanadium	10.9	B		P	
7440-66-6	Zinc	15.1	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/15/08
MSL

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GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	208060415	6-18-08

Report to:

Client: Earth Tech
Address: 2373 Progress Drive
Hebron, KY 41048
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:

Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01

Project Name/Number: Skinner Landfill-2nd Quarter 2008

Sampled By: Michael J. Papp / Michael J. Papp

Analytical Requests & Method

Lab use only.
Custody Seal used ☑ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C 4

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide	VOCs				Remarks:	Lab ID	
W	6/3/08	1435		X	SK-GW63-1026	various	10	X	X	X	X	X	X	X				Refer to table 7	1	7
W		1440		X	SK-FD-1026 (GW63)		10	X	X	X	X	X	X	X				of O&M LTTP	2	8
W		1415		X	SK-GW64-1026		10	X	X	X	X	X	X	X				for complete list	3	9
W		1335		X	SK-GW65-1026		6				X	X	X	X				of analytes	4	10
W	6/3/08				SK-TB-1026	HCL	3							X					5	
																		VHBLK	6	

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	Fed Ex	6/3/08	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed Ex		6-4-08	920
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Dissolved Metals field filtered.
Trip Blank provided by Lab.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

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7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	208060415	6-19-08

Report to:
Client: Earth Tech
Address: 2373 Progress Drive
~~Hebron, KY 41048~~
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:
Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill-2nd Quarter 2008
Sampled By: Michael J. Papp / Michael J. Papp

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide	VOCs	Remarks:	Lab ID RE	Lab ID DSS
W	6/4/08	1200		X	SK-GW06R-1026	various	9	X	X	X	X	X	X	X	Refer to table 7	11 *	17
↓	↓	1000		X	SK-GW62A-1026	↓	10	X	X	X	X	X	X	X	of O&M LTTP	12	18
↓	↓	0910		X	SK-GW62B-1026	↓	6				X	X	X	X	for complete list	15	19
↓	↓	1045		X	SK-SWD1-1026 *	↓	10	X	X	X	X	X	X	X	of analytes	13	
↓	↓	0905		X	SK-SWD3-1026 *	↓	10	X	X	X	X	X	X	X		14	
↓	↓				SK-TB-1026	HCL	3							X		16	
					SK-GW06R-1026										* 20806202501	(RE)	

Lab use only:
Custody Seal
used ☑ yes ☐ no
in tact ☑ yes ☐ no
Temperature °C 2

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEx	6/4/08	1600
Fedex	[signature]	6-5-08	0857

Note: Dissolved Metals field filtered. * samples are in a separate [illegible]
Trip Blank provided by Lab.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

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7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	208060415	

Report to:
Client: Earth Tech
Address: 2373 Progress Drive
Hebron, KY 41048
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:
Client: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

Lab use only:
Custody Seal used ☐ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C 3

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill-2nd Quarter 2008

Sampled By: Michael J. Papp / Michael J. Papp

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	SVOC	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide	VOCs		DS3		Remarks:	Lab ID
W	6/5/08	0900		X	SK-SWD2-1026 *	various	9	X	X	X	X	X	X	X				Refer to table 7	
		1100		X	SK-GW07R-1026		10	X	X	X	X	X	X	X		32		of O&M LTTP	22
		1320		X	SK-GW58-1026		10	X	X	X	X	X	X	X		33		for complete list	23
		1340		X	SK-GW59-1026		10	X	X	X	X	X	X	X		34		of analytes	24
		1350		X	SK-GW60-1026		10	X	X	X	X	X	X	X		35			25
		1420		X	SK-GW61-1026		10	X	X	X	X	X	X	X		36			26
		1343		X	SK-FD-1026(GW59)		10	X	X	X	X	X	X	X		37			27
		1508		X	SK-MS-1026(GW07R)		10	X	X	X	X	X	X	X		38			28
		1513		X	SK-MSD-1026(GW07R)		10	X	X	X	X	X	X	X		39			29, 30
					SK-TB-1026	HCL	3							X					31

Turn Around Time: ☐ 24-48 hrs ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEx	6/5/08	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx		6-6-08	901
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Dissolved Metals field filtered.
Trip Blank provided by Lab.

* sample in a separate watch

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix: W = water, S = soil, SD = solid, L = liquid, SL = sludge, A = air, CT = charcoal tube, AB = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

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