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REMEDIAL ACTION QUARTERLY MONITORING REPORT

SECOND QUARTER – 2007 (16 of 120)

SKINNER LANDFILL SITE BUTLER COUNTY WEST CHESTER, OHIO

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LIST OF ACRONYMS

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

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 2007, which is the 16th 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 on January 22, 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 0.10 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, groundwater has been lowered below the waste elevation during this monitoring event 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.

Three of the 24 TAL parameters that have corresponding trigger levels were detected above the CRQL. Concentrations of zinc, barium and/or iron were detected in six of the eleven monitoring wells. The zinc, barium and iron concentrations exceed the CRQL at these locations, but do not exceed the revised modified trigger levels.

3.4 SURFACE WATER ANALYTICAL RESULTS

Surface water analyzed consisted of three surface water samples collected directly from the East Fork of Mill Creek and one runoff sample (SWD-3). Surface water runoff samples at SWD-1, SWD-2 were not able to be collected during this quarter due to insufficient flow to collect the necessary volume of water.

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, semi-volatiles, pesticides and PCBs were not detected in surface water above the CRQL. None of the 24 TAL parameters, that have a corresponding trigger level, were detected above the CRQL.

FIGURES

FIGURES

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FIGURE 1

SITE VICINITY MAP

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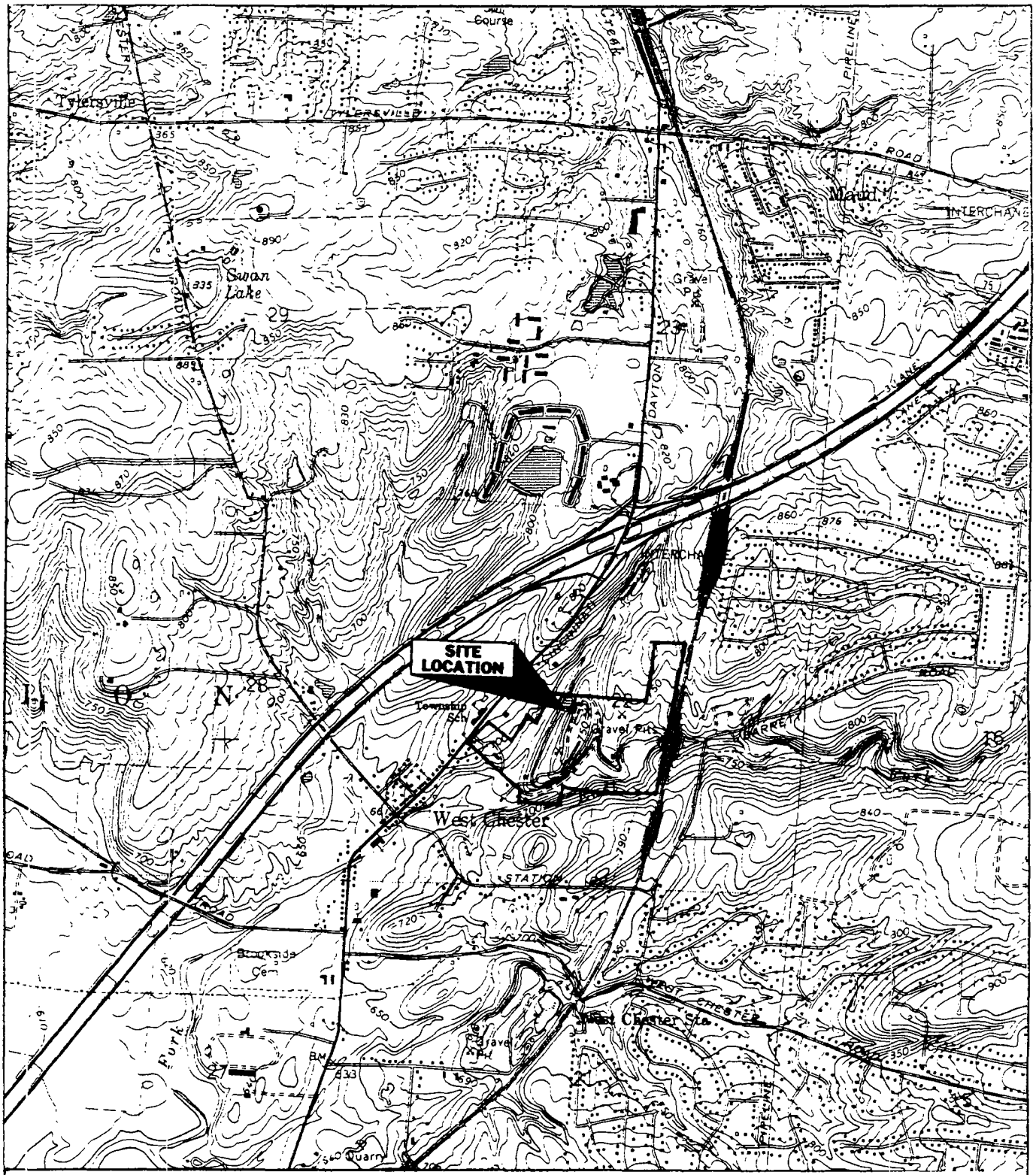
FIGURE 1



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

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EARTH TECH

N

SKINNER LANDFILL

SITE VICINITY MAP

BUTLER COUNTY, OHIO

TABLES

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TABLES

TABLE 1

TABLE 1

GROUNDWATER ELEVATIONS

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TABLE 1

Groundwater Elevation Summary

Skinner Landfill
West Chester, Ohio

					June 11, 2007	
Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)
Piezometers	P-1	G	685.42	687.65	11.50	676.15
	P-2	G	688.54	690.42	12.95	677.47
	P-3R	G	691.83	693.69	29.40	664.29
	P-4	G	700.32	702.63	6.59	696.04
	P-5	G	708.20	710.65	14.55	696.10
	P-6	G	707.45	710.59	13.29	697.30
	P-7	G	719.08	721.83	26.54	Dry
	P-8	G	747.70	749.91	30.50	719.41
	P-9R	G	760.12	763.58	17.24	746.34
	P-10R	G	761.87	765.84	14.50	751.34
	P-11R	G	760.39	763.38	26.30	737.08
	P-12R	G	750.11	753.60	36.90	716.70
Groundwater Monitoring Wells	GW-06R	S	683.89	685.91	10.87	675.04
	GW-07R	S	683.46	683.06	9.29	673.77
	GW-24	G	693.32	695.21	19.07	676.14
	GW-26	G	696.61	698.28	30.60	667.68
	GW-30	G	675.63	677.62	10.15	667.47
	GW-58	S	684.03	686.53	14.38	672.15
	GW-59	S	684.35	687.38	7.87	679.51
	GW-60	S	689.12	692.38	14.20	678.18
	GW-61	S	687.38	690.86	13.77	677.09
	GW-62A	S	690.19	692.38	29.86	662.52
	GW-62B	S	690.57	693.13	12.39	680.74
	GW-63	S	698.87	702.50	10.64	691.86
	GW-64	S	700.45	703.88	11.64	692.24
	GW-65	S	703.83	706.88	16.29	690.59
	GW-66	G	686.82	689.41	8.45	680.96
Gas Probes	GP-6	G	772.18	774.65	16.49	758.16
	GP-7	G	749.83	752.65	10.59	742.06

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.

TABLE 2

GROUNDWATER/WASTE ELEVATIONS

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TABLE 2

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

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.

TABLE 3

GROUNDWATER RESULTS SUMMARY

TABLE 3

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TABLE 3

Groundwater Test Results Summary

Skinner Landfill
West Chester, Ohio
Second Quarter 2007

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

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

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TABLE 4

SURFACE WATER RESULTS SUMMARY

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TABLE 4

TABLE 4

Surface Water Test Results Summary

Skinner Landfill
West Chester, Ohio
Second Quarter 2007

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
SW-50	-	-	-	-
SW-51	-	-	-	-
SW-52	-	-	-	-
SWD-1	*	*	*	*
SWD-2	*	*	*	*
SWD-3	-	-	-	-

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

APPENDIX A

POTENTIONMETRIC SURFACE MAP

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APPENDIX A

SDMS US EPA Region V

Imagery Insert Form

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Appendix A – Figure 1, Potentiometric Contour Map – June 11, 2007

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APPENDIX B

APPENDIX B

SUMMARY OF ANALYTICAL RESULTS

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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
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	32.4	16.4	12.5	16.4	14.8	14.8	14.8	29.1	14.4 U		200
Antimony	3.9	5.4	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	**60**	60
Arsenic	6.1 J	3.8	4.2	3.5	3.8	4.0	4.3	4.0 UJ	5.3	4.0 B	**20**	10
Barium	196	253	205	168	161 J	212	220	227	214	266	**1,000**	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	**5**	5
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	**5**	5
Calcium	186,000	199,000	172,000	194,000	203,000	175,000	213,000	192,000	200,000	182,000		5,000
Chromium	1.5	1.5	1.4	4.6	1.3	2.1	2.1	4.2	3.9	1.5 B	**11**	10
Cobalt	0.7	1.1	0.6	4.6	1.9	1.2	8.3	2.2	0.4	0.20 U		50
Copper	1.2	0.7	0.7	0.8	0.7	1.4	1.4	1.4	0.7	3.2 B	**25**	25
Iron	9.1	10.5	27.4	442 J	53.9	193	5,690	1,370	658	228	**7,000**	100
Lead	2.4 UJ	1.4	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	**4.2**	3
Magnesium	31,700	34,000	28,300	36,400	33,800	30,400	41,900	33,600 J	34,700	32,500		5,000
Manganese	173	224	147	662	155 J	275	2130 J	325	144	175		15
Mercury	0.1 UJ	0.1	0.1	0.1 J	0.1	0.1	0.1	0.1	0.1	0.10 U	**0.2**	0.2
Nickel	1.1	0.4	1.1	2.3	0.6	0.6	4.2	0.5	0.8	0.80 B	**96**	40
Potassium	2,200	2,680	2,710 J	3,040	2,390 J	2,420	3,820	2,440	2,250 J	2,400 B		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	**8.5**	5
Silver	0.9	1.1	2.9	0.6	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	**10**	10
Sodium	21,000	22,800	20,300	23,900	25,800	19,300	26,900	19,600	23,700	17,000 J		5,000
Thallium	6.3	4.1	4.1 UJ	5.7	4.1	2.6	2.6	2.6	3.1	2.8 B	**40**	10
Vanadium	11.5	11.9	6.6	1.6	2.5	1.2	22.2	1.2	9.4	12.0 B		50
Zinc	4.6	12.1	1.1	9.6	3.3	0.7	0.7	0.7	1.1	12.3 B	**86**	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	8,510	7,510 J	27,800 J	5,730	2,950	5,720 J	1,600	2,190	20,100 J	3,790 J		
Antimony	7.6 J	11.5	4.0 UJ	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	9.0 J	5.2	64.7	8.7	15.2	6.3	10.5	4.0 UJ	5.3	7.5 B		
Barium	338	397	626	250	229	329	241	263	526	352		
Beryllium	0.5	0.2	2.6	0.4	0.1	0.5	0.5	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Calcium	234,000	263,000 J	562,000	251,000	223,000	210,000	238,000	210,000	456,000	218,000		
Chromium	11.1	9.7	63.8 J	15.9	8.1	11.9 J	5.4	7.9	45.1	9.6 J		
Cobalt	11.9	12.5	48.5	12.3	5.2	9.0	10.9	4.1	24.0	4.5 B		
Copper	18.7 J	17.3 J	113.0	15.2 J	6.8 J	4.1	1.4	6.8	93.7 J	15.4 J		
Cyanide	0.5	0.6	1.0	0.6	0.6	0.6	0.6	0.7	0.9	0.60 U	**10**	10
Iron	20,900	21,900 J	84,300	15,800	7,810	15,100	10,400	6,920	45,700	9,620		
Lead	13.6 J	14.8	67.5	14.4	3.5 J	12.8	8.0 J	5.6	65.4 J	12.1 J		
Magnesium	51,800	63,000 J	194,000	61,600	41,300	47,400	53,800	39,500	136,000	46,300		
Manganese	1,010	1,460 J	5,230	1,340	516	1,050	2,440	422 J	3,490	421		
Mercury	0.1 UJ	0.1	0.1	0.3 J	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	15.5	0.4	67.5	14.6 J	6.1 J	11.5	8.0	3.7	42.3	9.0 B		
Potassium	4,210	4,080	7,920 J	4,380	3,230 J	3,700 J	4,300	2,800	5,890 J	3,360 J		
Selenium	4.4 UJ	3.5 R	3.9	3.0	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	12.6 J	0.6	1.1	1.0 UJ	1.3	1.0	2.1	0.30 U		
Sodium	20,400	23,700 J	23,300	24,900	25,200 J	19,500	28,200	20,400	26,400	18,000		
Thallium	6.3 UJ	4.1 UJ	4.1 UJ	5.2	4.6	2.6 UJ	2.6 UJ	2.6	3.1	1.8 B		
Vanadium	29.1 J	29.9 J	75.0 J	1.6	9.5	1.2	30.5	1.2	84.8	21.1 J		
Zinc	63.2	66.6	237 J	61.0 J	22.6 J	36.4 J	16.7	16.7	200.0 J	47.4		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Carbon Disulfide				0.3 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.62 J		1.0
Ethylbenzene	0.11 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**62**	1.0
Tetrachloroethene							0.12 J	1.0 U	1.0 U	1.0 U	**5**	1.0
Toluene	0.74 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1,000**	1.0
Xylene (total)	0.19 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**10,000**	1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Dibenz (a,h) anthracene		0.652 J	10.0 J	10.0 J	10.0 J	10.0 J	10.0 U	10.0 U	10.0 U	10.0 U	**10**	10
Indeno (1,2,3-cd) pyrene		0.502 J	10.0 J	10.0 J	10.0 J	10.0 J	10.0 U	10.0 U	10.0 U	10.0 U	**10**	10
Di-n-butylphthalate					0.6 J	10.0 J	10.0 U	10.0 U	10.0 U	10.0 U	**190**	10
Benzo (g,h,i) perylene		1.02 J	10.0 J	10.0 J	10.0 J	10.0 J	10.0 U	10.0 U	10.0 U	10.0 U	**10**	10
Bis(2-ethylhexyl) phthalate							2.09 J	10.0 U	2.14 J	10.0 U	**49**	10
Pesticides / PCBs	BRL	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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 GW-07R

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]			Insufficient Volume	Insufficient Volume								
Aluminum	55.3	24.0	—	—	16.4	14.8	14.8	14.8	51.1	15.4 U		200
Antimony	3.9	6.0	—	—	4.0	4.0	4.0	4.0	4.1	2.4 U	60	60
Arsenic	5.4	3.8	—	—	5.0	4.0	4.0	4.0 UJ	5.3	2.4 U	20	10
Barium	94.7	111.0	—	—	94.0 J	138.0	65.2	109.0	90.0	92.6 B	1,000	200
Beryllium	0.2	0.1	—	—	0.1	0.5	0.5	0.5	0.1	0.1 U	5	5
Cadmium	0.3	0.1	—	—	0.1	0.1	0.1	0.1	0.1	0.1 U	5	5
Calcium	173,000	191,000	—	—	172,000	190,000	383,000	209,000	203,000	206,000		5,000
Chromium	2.4	32.8	—	—	1.8	1.3	2.9	3.5	4.4	1.4 B	11	10
Cobalt	0.6	0.6	—	—	2.3	1.2	11.7	2.4	1.6	0.2 U		50
Copper	1.2	0.7	—	—	0.7	1.4	1.4	1.4	0.7	3.4 B	25	25
Iron	10.5	56.1	—	—	1680	12.9	3950	1290	2870	44.2 B	7,000	100
Lead	2.4 UJ	1.4	—	—	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	4.2	3
Magnesium	26,700	29,400	—	—	25,100	29,900	61,100	32,400	31,600	33,200		5,000
Manganese	398	908	—	—	600 J	2,090	4,730 J	1,450 J	1,240	646		15
Mercury	0.1 UJ	0.1	—	—	0.1	0.1	0.1	0.1 UJ	0.1	0.10 U	0.2	0.2
Nickel	1.5	0.4	—	—	1.4	4.2	13.4	1.8	0.8	1.9 B	96	40
Potassium	2,380	2,400	—	—	1,780 J	2,610	4,330	2,830	1,860 J	2,290 B		5,000
Selenium	4.4 R	3.5 UJ	—	—	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	8.5	5
Silver	0.9	1.1	—	—	1.1	1.0 UJ	1.3	1.0	2.1	0.30 U	10	10
Sodium	24,900	26,600	—	—	26,700	28,300	47,400	33,100	25,200	23,000 J		5,000
Thallium	6.3	4.1	—	—	6.3	2.6	2.6	2.6	3.1	5.0 B	40	10
Vanadium	9.1	11.0	—	—	1.8	1.2	26.0	1.2	8.3	13.2 B		50
Zinc	11.3	14.3	—	—	1.1	0.7	0.7	6.6	1.1	10.0 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	9,090	23,300 J	—	—	4,030	8,110 J	5,220	3,950	1,270 J	4,680 J		
Antimony	10.7 J	18.6	—	—	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	5.4	7.6	—	—	21.8	9.6	7.0	4.0 UJ	5.3	10.5		
Barium	405	1120	—	—	185	388	273	241	131	292		
Beryllium	0.4	1.1	—	—	0.1	0.5	0.5	0.5	0.10	0.10 U		
Cadmium	0.3	0.1	—	—	0.1	0.1	0.1	0.1	0.10	0.10 U		
Calcium	222,000	293,000 J	—	—	197,000	248,000	444,000	229,000	214,000	232,000		
Chromium	12.5	44.2	—	—	8.7	12.8 J	10.8	8.5	7.0	9.4 J		
Cobalt	6.4	17.8	—	—	4.4	9.3	18.2	4.5	2.5	4.4 B		
Copper	23.1 J	50.8 J	—	—	9.4 J	11.1	1.4	5.9	23.2 J	14.2 J		
Cyanide	0.6	0.6	—	—	2.2	1.3	18.6	0.6	1.6	0.60 U	10.0	10.0
Iron	22,000	63,600 J	—	—	9,710 J	24,600	20,500	9,090	7,280	13,700		
Lead	7.1 J	29.5	—	—	3.4	11.5	12.0 J	4.0	2.1 UJ	8.9 J		
Magnesium	42,300	73,000 J	—	—	34,600	49,400	82,500	39,000	34,600	44,800		
Manganese	913	2,340 J	—	—	761	2,940	4,880	1,650 J	1,320	1,280		
Mercury	0.1 UJ	0.1	—	—	0.1 UJ	0.1	0.1	0.1	0.10	0.10 UJ		
Nickel	16.0	28.1	—	—	7.6 J	16.8	21.9	7.0	2.1	10.4 B		
Potassium	4,300	5,940	—	—	2,770 J	4,400 J	5,530	3,800	2,250 J	3,320 J		
Selenium	4.4 UJ	3.5 R	—	—	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	—	—	1.1	1.0 UJ	1.7	1.0	2.1	0.30 U		
Sodium	26,200	27,500 J	—	—	27,100 J	27,600	49,000	33,200	25,400	23,300		
Thallium	6.3 UJ	4.1 UJ	—	—	5.2	2.6 UJ	2.6	2.6	3.1	5.1 B		
Vanadium	23.5 J	47.0 J	—	—	9.7	1.2	42.4	1.5	11.8	22.4 J		
Zinc	59.4	146.0	—	—	24.7 J	46.5 J	33.0	17.0	16.3 J	46.7		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Carbon Disulfide				2.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0
Toluene	0.69 J	1.0 J	1.0 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	BRL	BRL	BRL	BRL	BRL	BRL		
Diethylphthalate		0.6 J	—	—	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U		10
Di-n-butylphthalate			—	—			1.5 J	10.0 U	10.0 U	10.0 U	190	10
bis(2-ethylhexyl)phthalate			—	—			1.0 J	10.0 U	2.30 J	10.0 U	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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 GW-58

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	16.4	16.4	12.5	16.4	14.8	14.8	14.8	29.1	31.1 B		200
Antimony	3.9	4.0	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	6.2	2.4 U	60	60
Arsenic	5.4 J	3.8	3.8	3.5	3.8	4.0	4.0	4.0 UJ	5.3	2.4 U	20	10
Barium	157	151	161	175	213 J	230	150	153	354	124 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.10	0.10 U	5	5
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10	0.10 U	5	5
Calcium	108,000	114,000	103,000	124,000	130,000	101,000	121,000	108,000	67,900	112,000		5,000
Chromium	1.5	0.8	0.8	4.1	0.8	2.7	2.6	4.5	3.6	1.9 B	11	10
Cobalt	1.1	0.6	0.6	0.8	6.0	0.7	0.7	0.7	0.40	0.20 U		50
Copper	1.2	0.7	0.7	0.8	0.7	1.4	1.4	2.0	0.70	3.4 B	25	25
Iron	49.4	10.5	80.3	2.9 J	164	826	12.9	15.6	306	45.1 B	7,000	100
Lead	2.4 UJ	1.4	1.4	1.7	1.4 UJ	1.8	2.0 J	1.8	2.1 UJ	0.80 U	4.2	3
Magnesium	33,200	34,500	32,000	35,400	44,900	34,700	35,600	37,400	31,700	31,600		5,000
Manganese	265	85	53	13.3	232	187	21 J	167 J	27.5	5.9 B		15
Mercury	0.1 UJ	0.1	0.1	0.1 UJ	0.3	0.1	0.1	0.1	0.10	0.10 U	0.2	0.2
Nickel	1.2	0.4	0.4	0.6	1.9	1.0	0.5	0.5	0.80	0.40 U	96	40
Potassium	4,270	4,110	4,540 J	4,620	6,010 J	5,160	4,140	5,110	15,400 J	3,320 B		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	8.5	5
Silver	0.9	1.1	2.6	0.6	1.1	2.0	1.0	1.0	2.1	0.30 U	10	10
Sodium	29,700	30,600	30,800	29,800	44,700	36,700	30,500	37,100	152,000	25,400 J		5,000
Thallium	6.3	4.1	4.1 UJ	8.2	4.1	2.6	2.6	2.6	3.1	8.7 B	40	10
Vanadium	11.1	11.7	5.9	1.6	0.7	1.2	20.7	1.2	9.3	12.1 B		50
Zinc	2.6	10.1	1.1	10.4	10.2	0.7	1.3	0.7	1.1	23.4	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	31,900	17,600 J	20,700 J	25,600	15,400	14,100 J	9,470	4,100	7,290 J	27,700 J		
Antimony	21.7 J	14.6	4.0 UJ	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	8.2 J		
Arsenic	19.6 J	6.8	29.1	20.2	61.6 J	11.6	8.5	4.0 UJ	5.3	53.1		
Barium	474	364	349	430	349	298	257	206	222	465		
Beryllium	1.8	0.8	1.2	1.7	0.8	0.8	0.6	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.10 U		
Calcium	345,000	277,000 J	287,000	353,000	264,000	240,000 J	186,000	180,000	203,000	382,000		
Chromium	64.0	34.4	57.5 J	62.7	38.3	30.8	21.6	13.5	23.0	63.4 J		
Cobalt	32.2	16.4	17.6	27.1	14.5	12.9	9.5	4.9	6.3	32.5 B		
Copper	77.6 J	41.5 J	61.7	60.3 J	32.3 J	15.1	10.3	9.5	52.5 J	67.6 J		
Cyanide	0.5	0.6	0.8	0.6	1.0	0.6	12.9	0.6	0.6	1.3 B	10	10
Iron	80,500	45,400 J	49,700	68,200	41,700	33,500	23,700	11,100	18,600	78,000		
Lead	45.3 J	20.7	25.5	41.4	21.1	19.8	14.3	5.8	9.1	44.3 J		
Magnesium	86,600	73,800 J	72,300	87,600	72,300	62,000	50,400	51,100	54,200	93,400		
Manganese	1,970	1,300 J	1,250	1,820	1,140 J	920	630	480 J	656	2,510		
Mercury	0.1 UJ	0.1	0.1	0.7 J	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	73.4	17.8	55.6 J	63.2 J	37.3 J	30.1	22.4	8.7	14.5	76.5		
Potassium	11,500	8,380	10,900	10,100	9,500 J	7,900 J	6,170	6,070	6,910 J	8,340 J		
Selenium	4.4 UJ	3.5 R	3.5 UJ	3.0	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	9.3	2.9	4.3 J	1.0 UJ	1.4	1.1 J	2.1	0.30 U		
Sodium	31,500	34,700 J	31,600	30,100	43,000 J	29,200	27,600	35,700	35,500	25,200		
Thallium	6.3 J	4.1 UJ	4.1 UJ	5.6	8.2 J	2.6 UJ	2.6	2.6	3.1	4.6 B		
Vanadium	59.4 J	38.0 J	45.8 J	11.5	30.3	1.2	42.0	1.2	26.7	72.8 J		
Zinc	224	128	147 J	195	123 J	84 J	65.2	25.4	231 J	240		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Acetone									5.0 R	5.0 R		
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.019 J	1.0 U	1.0 U	5	1.0
Carbon disulfide										2.1		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Diethylphthalate										1.82 J		
bis(2-ethylhexyl)phthalate							1.27 J	10 U	2.1 J	10.0 U	49	10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Endrin Aldehyde						0.0011 J	0.10 U	0.10 U	0.10 U	0.10 U		
Heptachlor Epoxide						0.0023 J	0.05 U	0.05 U	0.05 U	0.05 U		

Notes:
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2) Standard Inorganic Data Qualifiers have been used.
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4) Bold red letters 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.

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	16.4	16.4	12.5	16.4	14.8	14.8	14.8	29.1	59.3 U		200
Antimony	6.9	7.7	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	**60**	60
Arsenic	5.4	3.8	3.8	3.5	3.8	4.0	4.0	4.0 UJ	5.3	4.4 B	**20**	10
Barium	21.1	24.6	50.0	51.6	42.1 J	38.7	44.5	45.0	42.6	36.6 B	**1,000**	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	**5**	5
Cadmium	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.10 U	**5**	5
Calcium	236,000	240,000	173,000	179,000	192,000	188,000	167,000	199,000	183,000	179,000		5,000
Chromium	1.5	0.8	0.8	4.0	0.8	3.2	2.4	5.2	4.3	2.3 B	**11**	10
Cobalt	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.4	0.20 U		50
Copper	1.2	0.7	0.8	0.8	0.7	1.4	1.4	3.8	0.7	3.7 B	**25**	25
Iron	9.1	10.5	10.5	2.9	10.5	12.9	12.9	12.9	8.1	137	**7,000**	100
Lead	2.4 UJ	1.4	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	**4.2**	3
Magnesium	53,900	54,600	32,800	32,400	34,100	38,500	32,000	39,800	32,500	37,800		5,000
Manganese	0.6	0.1	0.2	24.9	26.7 J	4.4	0.4 J	28.8 J	4.0	14.5 B		15
Mercury	0.1 UJ	0.1	0.1	0.1 J	0.1	0.1	0.1	0.1	0.1	0.10 B	**0.2**	0.2
Nickel	1.1	0.4	0.4	0.4	1.1	0.8	0.5	0.5	0.8	0.40 U	**96**	40
Potassium	19,200	23,200	27,500 J	18,700	19,600 J	22,900	28,400	23,800	16,200 J	14,500		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	**8.5**	5
Silver	0.9	1.1	3.2	0.6	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	**10**	10
Sodium	135,000	151,000	96,600	74,900	72,000	101,000	90,000	107,000	74,700	88,000 J		5,000
Thallium	6.3	4.1	4.1	8.4	4.1	2.6	2.6	2.6	3.1	2.6 B	**40**	10
Vanadium	16.0	16.0	6.5	1.6	0.6	1.2	21.0	1.2	7.8	12.9 B		50
Zinc	13.3	12.5	1.1	13.4	2.7	0.7	3.7	4.3	1.1	9.5 B	**86**	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	7,180	2,390 J	1,410 J	3,420	1,060	3,210 J	1,280	2,570	2,120 J	7,750 J		
Antimony	13.7 J	7.2	4.0 UJ	2.7 UJ	60.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	5.4	4.1	8.8	6.4	14.3 J	4.0	4.0	4.0 UJ	5.3	19.0		
Barium	328	85.2	72.5	83.2	54.2	91.9	62.1	126.0	65.9	253.0		
Beryllium	0.3	0.1	0.1	0.3	5.0	0.5	0.5	0.5	0.1	0.10 U		
Cadmium	1.5	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.10 U		
Calcium	275,000	238,000 J	177,000	201,000	200,000	206,000	163,000	197,000	193,000	226,000		
Chromium	28.7	30.7	5.5 J	14.2	10.0	12.1 J	6.8	14.7	10.2	34.7 J		
Cobalt	13.1	4.7	1.5	4.2	1.4	4.4	1.8	4.5	1.8	12.9 B		
Copper	18.4 J	5.0 J	6.6	9.3 J	3.4 J	1.4	1.4	6.6	4.6 J	18.6 J		
Cyanide	0.6	0.6	0.6	0.6	2.5	0.8	0.7	0.6	0.6	0.6 U	**10**	10
Iron	23,600	10,500 J	4,990	11,500	3,710	8,240	4,460	8,570	6,840	24,000		
Lead	8.6 J	2.4	2.6	9.4	3.0 UJ	6.3	4.3 J	4.4	2.1 UJ	15.4 J		
Magnesium	61,100	56,000 J	34,300	36,400	37,100	41,100	32,600	40,500	34,600	47,000		
Manganese	1,680	566 J	236	543	280 J	573	316	575 J	260	1,630		
Mercury	0.1 UJ	0.1	0.1	0.2 J	0.2 UJ	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	32.7	0.4	4.9 J	12.0 J	5.3 J	11.3	5.0	10.7	5.2	37.1 B		
Potassium	22,000	22,500	25,900	18,800	19,600 J	25,300 J	24,400	22,400	15,200 J	18,800 J		
Selenium	4.4 UJ	3.5 R	3.5 UJ	3.0	5.0 R	4.9	4.9	4.9 UJ	4.5	3.9 UJ		
Silver	0.9	1.1	2.7	0.6	10.0	1.0 UJ	1.0	1.0	2.1	0.30 U		
Sodium	143,000	148,000 J	93,900	75,700	79,100 J	105,000	81,900	102,000	76,400	86,500		
Thallium	6.3 UJ	4.1 UJ	4.1 UJ	6.3	4.3 J	2.6 UJ	2.6 UJ	2.6	3.1	6.1 B		
Vanadium	25.1 J	19.5 J	9.9 J	1.6	1.7	1.2	21.6	1.2	12.3	27.6 J		
Zinc	68.0	36.0	13.1 J	50.1 J	11.3 J	20.1 J	17.7	34.2	18.7 J	86.7		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
1,1-Dichloroethane	1.0 U	1.0 U	0.1 J	1.0 U	1.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U		1.0
Carbon Disulfide			3.5	0.15 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate							2.58 J	10.0 U	10.0 U	10.0 U	**49**	10
Di-n-butylphthalate							1.4 J	10.0 U	10.0 U	10.0 U	**190**	10
Pesticides / PCBs	BRL	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]			Insufficient Volume	Insufficient Volume		Insufficient Volume	Insufficient Volume			Insufficient Volume		
Aluminum	55.3	50.4	—	—	16.4	—	—	37.7 J	29.1	—		200
Antimony	11.0	4.0	—	—	4.0	—	—	4.0	4.1	—	**60**	60
Arsenic	5.4	4.5	—	—	5.9 J	—	—	4.0	5.3	—	**20**	10
Barium	48.7	18.7	—	—	58.9 J	—	—	68.9 J	57.8	—	**1,000**	200
Beryllium	0.2	0.1	—	—	0.1	—	—	0.5	0.1	—	**5**	5
Cadmium	0.3	0.1	—	—	0.1	—	—	0.1	0.1	—	**5**	5
Calcium	299,000	137,000	—	—	210,000	—	—	209,000	276,000	—		5,000
Chromium	1.5	5.1	—	—	0.8	—	—	2.7 J	5.9	—	**11**	10
Cobalt	0.6	0.6	—	—	0.6	—	—	0.7	0.4	—		50
Copper	1.2	0.7	—	—	0.7	—	—	4.9	0.7	—	**25**	25
Iron	58.5	10.5	—	—	10.5	—	—	48.9	10.5	—	**7,000**	100
Lead	2.4 UJ	1.4	—	—	1.4 UJ	—	—	1.8	2.1 UJ	—	**4.2**	3
Magnesium	61,600	30,100	—	—	44,200	—	—	39,600	81,200	—		5,000
Manganese	1.7	0.9	—	—	0.1	—	—	0.3	0.2	—		15
Mercury	0.1 UJ	0.1	—	—	0.1	—	—	0.1	0.1	—	**0.2**	0.2
Nickel	1.1	0.4	—	—	0.8	—	—	0.5	0.8	—	**96**	40
Potassium	8,350	6,810	—	—	7,950 J	—	—	8,560 J	5,400 J	—		5,000
Selenium	4.4 R	3.5 UJ	—	—	3.5 R	—	—	4.9 UJ	4.5 UJ	—	**8.5**	5
Silver	0.9	1.1	—	—	1.1	—	—	1.0	2.1	—	**10**	10
Sodium	74,800	20,300	—	—	29,900	—	—	25,000	22,800	—		5,000
Thallium	6.3	4.1	—	—	4.1	—	—	2.6	3.1	—	**40**	10
Vanadium	16.7	11.3	—	—	0.6	—	—	11.1	16.3	—		50
Zinc	7.0	9.9	—	—	1.1	—	—	5.9	1.1	—	**86**	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	18,300	74,200 J	—	—	16,700	—	—	10,600 J	9,480 J	—		
Antimony	5.3 J	36.7	—	—	4.0 UJ	—	—	4.0	4.1	—		
Arsenic	5.4	3.8	—	—	55.6 J	—	—	4.0	5.3	—		
Barium	111	181	—	—	117	—	—	107 J	95.9	—		
Beryllium	1.0	4.3	—	—	0.9	—	—	0.7	0.1	—		
Cadmium	0.3	0.1	—	—	0.6	—	—	0.1	0.1	—		
Calcium	342,000	568,000 J	—	—	281,000	—	—	222,000	319,000	—		
Chromium	33.4	106	—	—	33.0	—	—	29.1 J	22.1	—		
Cobalt	19.2	77.6	—	—	14.7	—	—	11.0	9.5	—		
Copper	25.3 J	83.7 J	—	—	21.7 J	—	—	14.3	35.7 J	—		
Cyanide	—	—	—	—	2.5	—	—	—	3.8	—	**10**	10
Iron	42,400	160,000 J	—	—	38,500	—	—	25,100	21,800	—		
Lead	20.6 J	78.7	—	—	16.7 J	—	—	12.2	11.7 J	—		
Magnesium	73,500.0	86,700 J	—	—	58,900	—	—	47,800	88,100	—		
Manganese	1,960.0	4,340 J	—	—	1,150 J	—	—	833 J	628	—		
Mercury	0.1 UJ	0.2	—	—	0.1 UJ	—	—	0.1	0.1	—		
Nickel	34.8	105	—	—	32.7 J	—	—	20.9	17.9	—		
Potassium	12,600	19,100	—	—	11,900 J	—	—	9,590 J	7,660 J	—		
Selenium	4.4 UJ	3.5 R	—	—	3.5 R	—	—	4.9 UJ	4.5 UJ	—		
Silver	0.9	1.1	—	—	3.1 J	—	—	2.0	2.1	—		
Sodium	78,600	19,500 J	—	—	32,000 J	—	—	23,000	24,000	—		
Thallium	6.3 UJ	4.1 UJ	—	—	13.1 J	—	—	2.6	3.1	—		
Vanadium	39.8 J	103 J	—	—	30.1	—	—	30.7	34	—		
Zinc	116	391	—	—	88.3 J	—	—	72.6	63.7 J	—		
Volatile Organic Compounds (VOCs)	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Benzene	1.0 J	0.083 J	—	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	**5**	1.0
Carbon disulfide	1.0 U	1.0 U	—	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	24.0		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	—	—	BRL	BRL	BRL	BRL	BRL	BRL		
Di-n-butylphthalate					1.04 J	11.5 U	10.0 U	10.0 UJ	10.0 U	23.3 UJ	**190**	10
bis(2-ethylhexyl)phthalate							4.7 J	10.0 UJ	10.0 U	10.0 UJ	**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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]				Well Dry								
Aluminum	55.3	16.4	16.4	—	16.4	14.8	14.8	14.8	29.1	15.4 U		200
Antimony	5.7	7.6	4.0 UJ	—	4.0	4.0	4.0	4.0	4.1	2.4 U	**60**	60
Arsenic	12.9 J	3.8	3.8	—	3.8	4.0	4.0	4.0	5.3	4.4 B	**20**	10
Barium	35.2	46.3	70.7	—	0.2	46.6	61.1	45.5 J	36.4	31.7 B	**1,000**	200
Beryllium	0.2	0.1	0.1	—	0.1	0.5	0.5	0.5	0.1	0.10 U	**5**	5
Cadmium	0.3	0.1	0.1	—	0.1	0.1	0.1	0.1	0.1	0.10 U	**5**	5
Calcium	183,000	211,000	228,000	—	335	237,000	281,000	258,000	282,000	245,000		5,000
Chromium	1.5	0.8	**14.4**	—	0.8	3.8	3.3	2.0 J	6.1	2.5 B	**11**	10
Cobalt	0.9	1.4	0.6	—	0.7	1.2	2.7	2.1	1.2	0.20 U		50
Copper	1.2	0.7	2.6	—	0.7	1.4	1.4	3.0	0.7	4.2 U	**25**	25
Iron	32.1	122	169	—	159	641	2380	162	299	18.6 B	**5,000**	100
Lead	2.4 UJ	1.4	1.4	—	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	**4.2**	3
Magnesium	33,500	45,800	39,800	—	63,100	49,000	55,900	52,900	60,300	50,000		5,000
Manganese	713	953	217	—	0.3 J	617	2,070 J	1,050 J	385	103		15
Mercury	0.1 UJ	0.1	0.1	—	0.1	0.1	0.1	0.1	0.1	0.10 U	**0.2**	0.2
Nickel	2.0	0.4	9.2	—	0.4	3.5	5.0	4.8	2.4	3.3 B	**96**	40
Potassium	6,540	7,010	10,400 J	—	54.2	6,730	8,500	7,740 J	7,330 J	7,180		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	—	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	**8.5**	5
Silver	0.9	1.1	3.2	—	1.1	1.0	1.0	1.0	2.1	0.30 U	**10**	10
Sodium	24,800	35,400	34,300	—	46.3	41,300	54,200	48,400	57,500	38,400 J		5,000
Thallium	6.3	4.1	4.1 UJ	—	4.1	2.6	2.6	2.6	3.1	3.3 B	**40**	10
Vanadium	9.3	12.9	6.2	—	0.6	1.2	27.9	11.7	13.2	16.5 B		50
Zinc	7.0	13.7	1.1	—	1.1	0.7	1.7	5.7	1.1	28.5	**86**	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	4,610	5,930 J	602 J	—	1,780	3,800 J	11,700	3,250 J	12,200 J	919 J		
Antimony	6.2 J	10.4	4.0 UJ	—	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	7.6 J	8.8	7.5	—	14.3 J	5.3	17.7	4.0	5.3	2.5 B		
Barium	79.7	101.0	75.7	—	70.1	81.3	196.0	80.7 J	173.0	39.8 B		
Beryllium	0.2	0.2	0.1	—	0.1	0.5	0.7	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	—	0.5	0.1	0.1	0.1	0.1	0.10 U		
Calcium	222,000	233,000 J	230,000	—	347,000	250,000	409,000	297,000	450,000	259,000		
Chromium	8.5	9.1	1.2 J	—	1.9	10.1 J	24.3	12.3 J	30.4	5.7 J		
Cobalt	4.7	6.4	1.1	—	1.9	4.1	12.9	4.9	10.9	1.0 B		
Copper	9.5 J	11.6 J	5.0	—	4.6 J	1.4	1.4	10.1	41.7 J	7.0 J		
Cyanide	0.5	0.6	0.6	—	1.6	0.6	3.4	0.6	0.6	1.0 B	**10**	10
Iron	13,500	18,200 J	2,070	—	6,770	11,100	38,500	11,000	36,300	2,750		
Lead	2.4 UJ	8.3	1.4	—	1.4 UJ	14.4	22.2 J	4.0	19.4	0.80 U		
Magnesium	44,500	51,700 J	39,800	—	65,900	53,600	92,400	60,900	98,400	51,300		
Manganese	923	1,110 J	224	—	317 J	750	2,930	1,280 J	1,340	167		
Mercury	0.1 UJ	0.1	0.1	—	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	10.9	0.4	4.7 J	—	8.0 J	11.2	30.8	12.9	27.5	4.9 B		
Potassium	8,380	8,270	10,600	—	9,210 J	7,550 J	10,300	8,650 J	10,300 J	7,480 J		
Selenium	4.4 UJ	3.5 R	3.5 UJ	—	3.5 R	4.9	12.5 J	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	2.6	—	1.1	1.0 UJ	2.1	1.0	2.1	0.30 U		
Sodium	27,800	33,500 J	33,800	—	41,300	39,500	50,400	47,500	53,100	39,300		
Thallium	6.3 UJ	4.1 UJ	4.1 UJ	—	6.4 J	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B		
Vanadium	18.2 J	21.8 J	8.5 J	—	4.4	1.2	54.5	19.5	42.3	15.8 J		
Zinc	37.8	54.3	14.6 J	—	21.8 J	25.4 J	92.8	35.2	99.0 J	30.7		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		
Bromomethane				—					1.0 UJ	1.0 U		
2-Butanone				—	2.2 J	5.0 U	5.0 R	5.0 U	5.0 U	5.0 U	**7.1**	1.0
Carbon disulfide	1.0 U	1.0 U	1.7	—	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.8		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		
Bis(2-Chloroethyl)ether	10.4 U	0.535 J	10.0 J	—	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	**13.6**	10
Di-n-butylphthalate				—	0.866 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	**190**	10
bis(2-ethylhexyl)phthalate				—			1.34 J	10.0 U	3.08 J	10.0 U	**49**	10
Pesticides / PCBs	BRL	BRL	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL		
4,4"-DDD				—			0.01 J	0.100 U	0.10 U	0.10 U		0.1
Dieldrin			0.024 J	—	0.1 U	0.1 U	0.1 U	0.100 U	0.10 U	0.10 U		0.1
Heptachlor Epoxide			0.028 J	—	0.050 U	0.0030 J	0.05 U	0.050 U	0.05 U	0.05 U		0.1

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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 GW-62A

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]					Insufficient Volume							
Aluminum	1,180	36.6	16.4	22.3	—	20.8	14.8	14.8	29.1	38.8 B		200
Antimony	5.5	6.7	4.0	2.7 UJ	—	4.0	4.0	4.0	4.7	2.4 U	60	60
Arsenic	8.1 J	3.8	3.8 UJ	3.5	—	4.0	4.0	4.0 J	5.3	2.4 U	20	10
Barium	125	112	57.4	104	—	102	104	99.6	97.7	90.1 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	—	0.5	0.5	0.5	0.1	0.10 U	5	5
Cadmium	0.3	0.1	0.1	0.1	—	0.1	0.1	0.1	0.1	0.10 U	5	5
Calcium	133,000	133,000	92,600	133,000	—	127,000	137,000	127,000	130,000	119,000		5,000
Chromium	4.3	0.8	0.8	6.0	—	3.8	3.6	5.9	2.3	2.2 B	11	10
Cobalt	1.2	0.6	0.6	0.4	—	0.7	0.7	0.7	0.4	0.20 U		50
Copper	1.4	0.7	0.7	0.8	—	1.4	1.4	4.0	0.7	3.8 B	25	25
Iron	2,870	10.5	10.5	7.3 J	—	15.5	12.9	12.9	8.1	58.4 B	7,000	100
Lead	2.4 UJ	1.4	1.4	1.7	—	1.8	1.8	1.8	2.1 UJ	0.8 U	4.2	3
Magnesium	51,300	55,900	25,700	48,300	—	46,800	49,400	47,100	48,100	41,600		5,000
Manganese	239	65.0	11.9	32.3	—	29.5	13.8 J	30.4 J	12.8	5.3 B		15
Mercury	0.1 UJ	0.1	0.1	0.1 UJ	—	0.1	0.1	0.1	0.1	0.10 U	0.2	0.2
Nickel	5.1	0.4	0.5	1.1	—	0.9	0.5	0.5	0.8	0.40 U	96	40
Potassium	9,340	8,910	3,800 J	8,300	—	9,000	8,420	8,280	9,340 J	7,010		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	3.0	—	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	8.5	5
Silver	0.9	1.1	1.4	0.6	—	1.0 UJ	1.0	1.0	2.1	0.30 U	10	10
Sodium	111,000	126,000	56,700	110,000	—	101,000	117,000	117,000	118,000	92,500 J		5,000
Thallium	6.3	4.1	4.1	5.4	—	2.6	2.6	2.6	3.1	3.1 B	40	10
Vanadium	15.2	16.0	5.6	1.6	—	1.2	25.5	1.2	13.2	13.7 B		50
Zinc	15.2	5.5	1.1	11.1	—	4.9	1.3	0.7	1.1	23.0	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	44,600	19,800 J	28,300	10,900	23,900	26,900 J	6,160	1,800	3,140 J	12,500 J		
Antimony	27.5 J	15.5	4.0	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	5.4	4.5	31.1 J	6.9	80.5 J	8.6	5.4	4.0 UJ	5.3	20.8 J		
Barium	867	464	457	269	445	482	185	138	161	405		
Beryllium	2.2	0.9	1.8	0.7	1.2	1.4	0.5	0.5	0.1	0.10 U		
Cadmium	9.8	0.1	0.3	0.1	0.8	0.1	0.1	0.1	0.1	0.10 U		
Calcium	886,000	274,000 J	414,000	247,000	424,000	490,000	176,000	148,000	150,000	217,000		
Chromium	73.4	42.5	66.3	30.8	55.0	55.6 J	15.1	10.4	16.0	39.2 J		
Cobalt	51.5	20.5	29.1	11.4	22.8	30.7	4.4	2.3	3.0	16.0 B		
Copper	86.3 J	40.8 J	81.9	22.9 J	50.0 J	29.6	1.6	7.5	30.9 J	31.7 J		
Cyanide	—	0.6	0.7	0.6	—	0.6	0.6	0.6	7.1	0.60 U	10.0	10.0
Iron	99,000	48,000 J	64,200	26,900	59,200	64,400	11,900	4,800	7,350	35,100		
Lead	62 J	32.3	48.1	21.1	39.7 J	52.2	11.4 J	5.4	5.3	26.5 J		
Magnesium	107,000	79,000 J	107,000	71,000	104,000	99,500	56,600	51,000	51,000	60,700		
Manganese	5,270	1,430 J	2,210	896	2,130 J	2,620	402	204 J	276	1,290		
Mercury	0.1 UJ	0.1	0.1	0.3 J	0.1 J	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	101	15.8	66.5	27.5 J	59.3 J	68.4	11.6	3.9	7.4	41.9		
Potassium	18,700	13,200	17,500	11,000	15,000 J	14,000 J	9,630	8,410	8,490 J	9,530 J		
Selenium	4.4 UJ	3.5 R	3.5 R	3.0	3.5 R	5.0	4.9	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	9.8	0.6	6.2 J	1.0	1.0	1.0	3.3	0.30 U		
Sodium	123,000	122,000 J	119,000	116,000	134,000 J	109,000	110,000	117,000	118,000	96,500		
Thallium	6.3 UJ	4.1 UJ	4.1	5.8	9.9 J	2.6 UJ	2.6 UJ	2.6	3.1	1.7 U		
Vanadium	72.9 J	42.8 J	56.5	1.6	45.2	269	39	1.2	18.8	40.0 J		
Zinc	324	150.0	219	88.9 J	171 J	184 J	35	14.4	31.3 J	164		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Bromomethane									1.0 UJ	1.0 U		
Carbon Disulfide				1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Di-n-butylphthalate					0.726 J	10.0 J	10.0 U	10.0 U	10.0 U	10.0 U	190	10
bis(2-ethylhexyl)phthalate							1.4 U	10.0 U	10.0 U	10.0 U	49	10
Pesticides / PCBs	BRL	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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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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-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Well Dry	Well Dry	Well Dry	Insufficient Volume	Well Dry	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume		
Inorganics - Metals and Cyanide (Total)	—	—	—	—	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	—	—	—	BRL	—	BRL	—	BRL	—		
Bromomethane	—	—	—		—		—	1.0 UJ	—		
2-Butanone	—	—	—	4.4 J	—	5.0 R	—	5.0 U	—	7.1	1.0
1,1-Dichloroethane	—	—	—	1.0 J	—	0.5 J	—	1.0 U	—		1.0
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	BRL	—	—	—	—	—		
Di-n-butylphthalate	—	—	—	0.898 J	—	—	—	—	—	190	10
Pesticides / PCBs	—	—	—	—	—	—	—	—	—		

Notes:

1) All results expressed in micrograms per liter (µg/L).
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3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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.

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

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	31.7	322	14.9	16.4	16.3	14.8	14.8	29.1	15.4 U		200
Antimony	7.8	6.4	4.0	2.7 UJ	4.0	4.0	4.0	4.0	4.4	2.4 U	**60**	60
Arsenic	14.8 J	3.8	3.8 UJ	3.5	7.5 J	4.0	4.0	4.0	5.3	2.4 U	**20**	10
Barium	31.7	31.0	117	71.7	33.8	29.1	56.4	39.8 J	27.6	31.0 B	**1,000**	200
Beryllium	0.2	0.1	0.1	0.0	0.1	0.5	0.5	0.5	0.1	0.10 U	**5**	5
Cadmium	0.3	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.10 U	**5**	5
Calcium	286,000	245,000	141,000	291,000	279,000	173,000	232,000	277,000	320,000	213,000		5,000
Chromium	1.5	0.8	0.8	7.7	0.8	2.5	3.0	2.5 J	1.2	2.0 B	**11**	10
Cobalt	2.4	2.1	0.6	2.8	1.6	1.5	1.5	1.3	0.40	1.1 B		50
Copper	1.2	0.7	1.5	0.8	0.7	1.4	1.4	2.9	0.70	4.2 B	**25**	25
Iron	655	1,840	383	583 J	10.5	189	253	173	15.1	114	**7,000**	100
Lead	2.4 UJ	1.4	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	**4.2**	3
Magnesium	69,600	56,800	54,200	65,900	64,300	38,400	49,900	65,900	80,300	49,900		5,000
Manganese	1,530	1,980	120	2,290	481 J	1,200	1,790 J	985 J	441	1,300		15
Mercury	0.1 UJ	0.1	0.1	0.1 J	0.1	0.1	0.1	0.1	0.1	0.10 U	**0.2**	0.2
Nickel	1.6	0.4	1.7	3.8	3.2	2.1	2.2	2.3	1.3	2.0 B	**96**	40
Potassium	5,920	7,300	10,600 J	9,120	5,720 J	5,550	8,280	6,300 J	6,640 J	5,440		5,000
Selenium	4.4	3.5 J	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	**8.5**	5
Silver	0.9	1.1	2.4	0.6	1.1	1.0	1.0	1.0	2.1	0.30 U	**10**	10
Sodium	44,700	66,300	120,000	68,000	38,600	30,000	48,900	44,800	48,400	33,100 J		5,000
Thallium	6.3	4.1	4.1	7.7	4.1	2.6	2.6	2.6	3.1	5.8 B	**40**	10
Vanadium	16.5	14.7	6.8	1.6	0.9	1.2	25.3	15.2	17.9	16.4 B		50
Zinc	8.3	10.2	36.6	12.7	1.1	0.7	0.7	9.2	1.1	19.5 B	**86**	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	62,600	99,900 J	39,100	28,500	16,300	26,400 J	14,700	13,100 J	17,600 J	13,200 J		
Antimony	30.1 J	53.5	4.0	2.7 J	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	5.4	3.8	40.9 J	14.9	56.3 J	15.5	11.5	4.0	5.3	20.4		
Barium	393	617	315	238	117	204	152	118 J	124	119 B		
Beryllium	3.5	5.3	3.0	1.8	1.1	1.4	0.7	0.8	0.1	0.10 U		
Cadmium	0.3	0.1	0.5	0.1	1.7	0.1	0.1	0.1	0.1	0.10 U		
Calcium	702,000	922,000 J	737,000	431,000	335,000	412,000	343,000	351,000	507,000	305,000		
Chromium	67.9	120	66.4	46.1	25.4	36.5 J	22.3	31.2 J	31.6	21.5 J	**B**	
Cobalt	60.7	99.3	43.8	29.4	14.2	26.2	16.1	13.4	16.5	14.1 B		
Copper	124 J	187 J	94.9	51.8 J	110 J	22.1	6.4	23.3	50.2 J	24.8 J		
Cyanide	0.5 U	0.6	0.8	0.6	1.5	0.7	3.1	0.6	0.6	0.60 U	**10**	10
Iron	141,000	223,000 J	88,300	63,600	37,000	56,900	36,100	32,100	40,600	33,700		
Lead	85.6 J	140	46.8	42.9	28.1 J	40.1	26.4 J	16.0	24.1	22.8 J		
Magnesium	157,000	184,000 J	118,000	102,000	81,600	96,100	77,500	83,700	114,000	73,500		
Manganese	5,660	8,490 J	6,100	3,820	1,590	3,250	2,860	2,150 J	2,160	2,390		
Mercury	0.1 J	0.2	0.1	1.1 J	0.1 UJ	0.1	0.1	0.1	0.10	0.10 UJ		
Nickel	119	171	85.4	60.1 J	35.4 J	51.5	32.4	29.1	32.9	29.9 B		
Potassium	15,200	22,000	19,000	13,500	8,690 J	12,400 J	10,800	8,240 J	9,330 J	7990 J		
Selenium	17.2 J	3.5 R	3.5 R	3.0	3.5 R	4.9	5.9 J	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	12.4	2.3	1.1	1.0 UJ	1.5	2.5	2.1	0.30 U		
Sodium	45,800	71,100 J	77,700	63,500	39,000 J	37,900	50,100	45,300	46,900	38,500		
Thallium	6.3 UJ	4.1 UJ	4.1	5.2	9.8	2.6 UJ	2.6 UJ	2.6	3.1	4.7 B		
Vanadium	90.7 J	1.0 J	72.7	11.4	27.8	12.6	59.0	41.1	52.9	42.0 J		
Zinc	403	637	233	188 J	311 J	148 J	92	99	142 J	115		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Bromomethane									1.0 UJ	1.0 U		
Carbon disulfide										0.47 J		1.0
Benzene	1.0 U	0.1 J	1.0 U	1.0 J	1.0 U	1.0 U	1.0 U	0.01 J	1.0 U	1.0 U	**5**	1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Butylbenzylphthalate	0.771 J	1.07 J	12.2 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	**10**	10
bis(2-ethylhexyl)phthalate							1.1 J	10.0 U	1.53 J	10.0 U	**49**	10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Endosulfan sulfate					0.00856 UJ	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		1.0
4,4'-DDT						0.0022 J	0.10 U	0.10 U	0.10 U	0.10 U		1.0
Endrin Aldehyde						0.0035 J	0.10 U	0.10 U	0.10 U	0.10 U		1.0
Heptachlor Epoxide						0.0037 J	0.05 U	0.05 U	0.05 U	0.05 U		1.0

Notes:
1) All results expressed in micrograms per liter (µg/L).
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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)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	23.4	16.4	20.8	16.4	14.8	14.8	14.8	29.1	15.4 U		200
Antimony	3.9	5.8	4.0	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	60	60
Arsenic	5.4	3.8	3.8 UJ	3.5	5.8 J	4.0	4.0	4.0	5.3	2.4 U	20	10
Barium	29.6	32.1	64.6	41.5	39.4 J	35.0	44.6	34.3 J	35.7	40.6 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	5	5
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	5	5
Calcium	182,000	181,000	234,000	173,000	207,000	163,000	182,000	166,000	179,000	168,000		5,000
Chromium	1.5	0.8	0.8	6.6	0.8	4.2	4.5	2.5 J	2.3	2.7 B	11	10
Cobalt	0.6	0.6	2.0	1.0	0.7	0.7	0.7	0.7	0.4	0.20 U		50
Copper	1.2	0.7	0.7	0.8	0.7	1.4	1.4	3.8	0.7	4.9 B	25	25
Iron	9.1	10.5	128	2.9	10.5	12.9	12.9	12.9	8.1	59.2 B	7,000	100
Lead	2.4 UJ	1.4	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	4.2	3
Magnesium	59,200	57,300	51,700	52,800	71,600	52,400	58,000	52,500	57,100	51,700		5,000
Manganese	863	115	1,970	469	783 J	25.0	195.0 J	264.0 J	147	302		15
Mercury	0.1 UJ	0.1	0.1	0.1 J	0.1	0.1	0.1	0.1	0.1	0.10 U	0.2	0.2
Nickel	5.1	0.4	3.5	4.5	9.0	3.0	2.7	2.4	1.6	1.8 B	96	40
Potassium	10,200	10,100	10,400 J	10,800	15,400 J	8,910	12,400	7,530 J	9,720 J	7,890		5,000
Selenium	4.4 R	3.5 UJ	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	8.5	5
Silver	0.9	1.1	1.7	0.6	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	10	10
Sodium	45,000	46,300	74,700	51,700	68,100	42,800	53,900	35,600	42,200	36,700 J		5,000
Thallium	6.3	4.1	4.1	9.8	4.1	2.6	2.6	2.6	3.1	3.4 B	40	10
Vanadium	13.4	15.8	6.2	1.6	1.2	1.2	26.9	12.7	14.1	15.9 B		50
Zinc	5.1	7.5	4.7	12.2	1.1	0.7	0.7	7.8	1.1	12.6 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	15,800	66,200 J	23,500	31,500	8,050	6,580 J	10,000	15,900 J	11,000 J	13,700 J		
Antimony	12.0 J	33.4	4.0	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ		
Arsenic	5.4	3.8	16.8	9.4	34.5 J	4.0	4.0	4.0	5.3	15.9		
Barium	66.6	174	109	111	67.9	58.2	70.5	79.3 J	73.0	74.8 B		
Beryllium	0.8	3.7	1.4	1.9	0.3	0.5	0.5	0.8	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.10 U		
Calcium	249,000	441,000 J	267,000	333,000	241,000	194,000	229,000	277,000	280,000	230,000		
Chromium	22.7	93.8	44.3	53.7	15.400	13.5 J	19.1	41.2 J	23.4	25.4 J		
Cobalt	18.3	63.9	21.0	30.2	10.9	7.9	12.0	17.7	13.1	15.3 B		
Copper	18.2 J	66.4 J	37.3	36.5 J	9.0 J	1.4	1.4	11.7	36.2 J	14.9 J		
Cyanide	0.5	0.6	0.7	0.6	3.5	0.7	14.9	0.6	0.6	0.60 U	10	10
Iron	38,200	150,000 J	49,900	74,100	21,300	14,900	23,900	39,500	22,900	31,800		
Lead	11.0 J	58.9	13.5	27.1	5.8 J	6.8	10.9 J	8.3	12.1	10.9 J		
Magnesium	71,100	105,000 J	71,600	79,200	77,600	59,400	65,300	70,800	78,000	62,500		
Manganese	2,550	4,290 J	2,140	2,830	2,750 J	1,190	1,760	2,430 J	2,290	1,920		
Mercury	0.1 UJ	0.1	0.1	0.900 J	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ		
Nickel	36.3	102	44.6	64.800 J	28.5 J	15.9	25.3	36.0	25.7	32.0 B		
Potassium	14,500	21,000	16,100	16,000	16,400 J	9,990 J	14,100	11,200 J	17,000 J	11,900 J		
Selenium	4.4 UJ	3.5 R	3.5	4.1	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ		
Silver	0.9	1.1	7.0	3.4	1.1	1.0 UJ	1.0	4.3	2.1	0.30 U		
Sodium	49,600	46,300 J	45,100	51,800	65,500 J	41,400	54,800	39,500	59,600	40,600		
Thallium	6.3 UJ	4.1 UJ	4.1	5.2	7.0 J	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B		
Vanadium	32.3 J	89.3 J	42.4	11.0	14.5	1.2	44.4	41.1	34.2	36.8 J		
Zinc	82.4	337	112	166	41.0 J	31.9 J	52.4	88.5	78.9 J	93.0		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Bromomethane									1.0 UJ	1.0 U		
2-Butanone					2.3 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.1	1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Di-n-butylphthalate					0.729 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	190	10
Butylbenzylphthalate									0.658 J	10.0 U		
bis(2-ethylhexyl)phthalate							4.0 J	10 U	10.0 U	10.0 U	49	10
Pesticides / PCBs	BRL	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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-65

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Well Dry	Insufficient Volume	Well Dry	Insufficient Volume	Well Dry	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume		
Antimony	—	—	—	—	—	—	—	—	—	**60**	60
Arsenic	—	—	—	—	—	—	—	—	—	**10**	10
Barium	—	—	—	—	—	—	—	—	—	**1,000**	200
Beryllium	—	—	—	—	—	—	—	—	—	**5**	5
Cadmium	—	—	—	—	—	—	—	—	—	**5**	5
Chromium	—	—	—	—	—	—	—	—	—	**11**	10
Copper	—	—	—	—	—	—	—	—	—	**25**	25
Iron	—	—	—	—	—	—	—	—	—	**5,000**	100
Lead	—	—	—	—	—	—	—	—	—	**4.2**	3
Mercury	—	—	—	—	—	—	—	—	—	**0.2**	0.2
Nickel	—	—	—	—	—	—	—	—	—	**96**	40
Selenium	—	—	—	—	—	—	—	—	—	**5**	5
Silver	—	—	—	—	—	—	—	—	—	**10**	10
Thallium	—	—	—	—	—	—	—	—	—	**40**	10
Zinc	—	—	—	—	—	—	—	—	—	**86**	20
Inorganics - Metals and Cyanide (Total)											
Antimony	—	—	—	—	—	—	—	—	—		
Arsenic	—	—	—	—	—	—	—	—	—		
Barium	—	—	—	—	—	—	—	—	—		
Beryllium	—	—	—	—	—	—	—	—	—		
Cadmium	—	—	—	—	—	—	—	—	—		
Chromium	—	—	—	—	—	—	—	—	—		
Copper	—	—	—	—	—	—	—	—	—		
Cyanide	—	—	—	—	—	—	—	—	—	**10**	10
Iron	—	—	—	—	—	—	—	—	—		
Lead	—	—	—	—	—	—	—	—	—		
Mercury	—	—	—	—	—	—	—	—	—		
Nickel	—	—	—	—	—	—	—	—	—		
Selenium	—	—	—	—	—	—	—	—	—		
Silver	—	—	—	—	—	—	—	—	—		
Thallium	—	—	—	—	—	—	—	—	—		
Zinc	—	—	—	—	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	—	BRL	—	BRL	—	BRL	—	BRL	BRL		
Bromomethane	—		—		—		—	1.0 UJ	1.0 U		
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	—	—	BRL	—	—	BRL		
bis(2-ethylhexyl)phthalate	—	—	—	—	—	0.687 J	—	—	10.0 U	**49**	10
Pesticides / PCBs	—	—	—	—	—	BRL	—	—	—		

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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-50

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	25.2	16.4	25.1	16.4	14.8	14.8	22.7	16.4	15.4 U		200
Antimony	5.9	4.0	4.0	2.7	4.7	4.0	4.0	4.0	5.7	2.4 U	60	60
Arsenic	5.4	6.8	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	20	10
Barium	40.2	53.1	57.5	50.6	43.4	43.6	50.9	41.3	37.8	45.4 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	5	5
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	5	5
Calcium	93,500	89,000	90,900	110,000	99,500	72,300	94,600	80,300 J	84,900	74,800		5,000
Chromium	1.5	5.4	0.8	3.8	3.0	1.8	1.8	2.8	1.8	1.1 B	11	10
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	0.7	0.6	0.20 U		50
Copper	1.2	0.7	1.7	0.8	0.7	1.4	1.4	1.4	0.7	4.1 B	25	25
Iron	9.1	10.5	10.5	43.7	10.5	14.4	12.9	12.9	10.5	9.3 B	7,000	100
Lead	2.4 UJ	1.4 UJ	1.4	2.0	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U	4.2	3
Magnesium	30,900	28,000	25,700	30,800	27,000	22,100	25,100	22,700 J	21,200	22,900		5,000
Manganese	0.9	7.4 J	3.5	0.1	4.4	1.9	2.3	2.9 J	7.5	13.7 B		15
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	0.2	0.2
Nickel	1.1	0.4 UJ	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.40 U	96	40
Potassium	1,870	3,460	3,960 J	3,110	1,620	2,860 J	3,370	2,590 J	2,830	3,130 B		5,000
Selenium	4.4 R	3.5 R	3.5 UJ	4.3	3.5 UJ	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	8.5	5
Silver	0.9	1.1	1.1	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U	10	10
Sodium	90,000	53,000	54,200	100,000	37,700	45,900	45,100	29,800 J	79,400	42,400		5,000
Thallium	6.3 UJ	4.1	4.1	7.1	4.1	2.6	2.6	2.6	4.1	3.0 B	40	10
Vanadium	9.5	11.5	5.1	1.6	2.6	1.2	15.2	1.2	7.0	9.7 B		50
Zinc	3.7	8.3	1.1	11.1	7.9	1.3	73.6 J	0.7	1.1	3.1 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	55.3	46.2	36.8	21.8	16.4	36.7	14.8	82.1	609	15.4 U		
Antimony	3.9	4.0	4.0	2.7	6.6	4.0	4.0	4.0	4.0	2.4 U		
Arsenic	5.4	7.2	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U		
Barium	40.1	50.5	58.9	50.5	42.9	43.6	49.6	42.8	42.2	43.9 B		
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.10 U		
Calcium	92,900	85,200	91,800	108,000	104,000	72,200	92,800	82,300	85,300	71,900		
Chromium	1.5	29.8	0.8	4.8	2.9	1.8	1.7	3.0	3.0	1.0 B		
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	0.7	0.6	0.20 U		
Copper	1.2	1.4	1.8	0.8	0.7	1.4	1.4	1.5	0.7	3.8 B		
Cyanide	0.6	0.6	0.6	0.6	1.5	0.6	2.1	0.6	0.6	0.60 U	10	10
Iron	15.0	132.0	13.3	24.3	10.5	19.3	12.9	140 J	1010	35.1 B		
Lead	2.4 UJ	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U		
Magnesium	30,200	26,500	26,300	30,500	27,800	22,100	24,800	22,900 J	21,500	21,900		
Manganese	1.2	10.4 J	5.4	0.1	1.4	3.3	3.9	6.4 J	28.7	6.5 B		
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Nickel	1.1	0.4 UJ	0.4	0.6 U	0.4	0.5	0.5	0.5	0.4	2.9 B		
Potassium	1,760	3,310	3,950 R	2,910 J	1,600	2,880 J	3,240	2,660 J	2,960	3,020 B		
Selenium	4.4 R	3.5 R	3.5	3.0 UJ	3.5 UJ	4.9 UJ	4.9 UJ	4.9	3.5 UJ	3.9 U	5	5
Silver	0.9	1.1	1.2	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U		
Sodium	89,000	51,200	54,400	97,700	38,600	46,300	43,900	30,800 J	78,600	41,300		
Thallium	6.3	4.1	4.1	5.9	4.1	2.6	2.6	2.6	4.1	1.7 U		
Vanadium	9.7	11.8	4.3	1.6	2.1	1.2	15.5	1.2	8.4	7.6 B		
Zinc	1.7	7.1 J	9.8	6.0	6.6	1.3	4.5	1.8	1.1	3.1 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Chloroform	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	79	1.0
Semi-Volatile Organic Compounds (S	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Dibenz(a,h)anthracene									10.0 UJ	10.0 U		
bis(2-ethylhexyl)phthalate										1.6 JB	49	10
Diethylphthalate										0.806 J		
Indeno(1,2,3-cd)pyrene									10.0 UJ	10.0 U		
Pesticides / PCBs	BRL	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) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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-51

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	18.1	16.4	12.5	16.4	14.8	14.8	14.8	16.4	15.4 U		200
Antimony	3.9	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U	60	60
Arsenic	5.4	8.7	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	20	10
Barium	41	48.6	0.2	49.5	42.1	48.3	49.9	42.7	41.6	42.4 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	5	5
Cadmium	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	5	5
Calcium	95,500	94,700	53.9	10,800	101,000	83,100	92,900	82,400 J	103,000	68,700		5,000
Chromium	1.5	12.7	1.3	3.7	2.8	1.8	1.8	2.8	2.3	1.1 B	11	10
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	0.7	0.6	0.20 U		50
Copper	1.2	0.7	0.7	0.8	0.7	1.4	1.4	1.4	0.7	3.8 B	25	25
Iron	9.1	35.3	10.5	2.9	10.5	12.9	12.9	21.5 J	10.5	12.6 B	7,000	100
Lead	2.4 UJ	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U	4.2	3
Magnesium	31,500	29,400	13.0	29,400	27,100	23,500	25,700	23,000 J	28,400	22,300		5,000
Manganese	1.3	4.8 J	0.1	0.1	2.9	6.0	2.7	6.3 J	4.4	22.4		15
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	0.2	0.2
Nickel	1.1	0.4 UJ	1.2	0.4	0.4	0.6	0.5	0.5	0.4	0.60 B	96	40
Potassium	1,800	3,060	54.2	2,840 J	2,070	2,770 J	3,300	2,770 J	2,520	3,230 B		5,000
Selenium	4.4 R	3.5 R	3.5	3.0 UJ	3.5 R	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	8.5	5
Silver	0.9	1.1	1.1	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U	10	10
Sodium	102,000	53,700	400	100,000	36,400	45,200	45,800	30,200 J	61,900	42,800		5,000
Thallium	6.3 UJ	4.1	4.1	6.5	4.1	2.6	2.6	2.6	4.1	2.7 B	40	10
Vanadium	9.5	13.2	0.6	1.6	2.3	1.2	15.6	1.2	8.0	5.9 B		50
Zinc	2.5	9.3	2.6	9.5	4.1	1.9	2.8 J	5.1	1.1	5.4 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	55.3	43.6	30.1	21.2	16.4	36.2	23.4	512.0	60.4	15.4 U		
Antimony	3.9	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U		
Arsenic	5.4	9.1	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U		
Barium	40.0	50.4	52.0	50.3	41.9	48.2	48.4	30.0	42.6	39.5 B		
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Calcium	90,500	95,300	87,300	108,000	101,000	82,800	89,600	94,200 J	105000	69,300		
Chromium	1.5	7.6	0.8	3.9	3.3	2.0	1.8	2.8	2.5	1.1 B		
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	1.1	0.6	0.20 U		
Copper	1.2	0.7	0.9	0.8	0.7	1.4	1.4	1.4	0.7	3.9 B		
Cyanide	0.6	0.6	0.6	8.0	0.6	0.6	0.7	0.6	0.6	0.60 U	10	10
Iron	28.6	27.9 U	45.0	30.2	57.4	55.9	12.9	916.0 J	77.8	64.4 B		
Lead	2.4 UJ	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U		
Magnesium	29,800	30,600	24,600	30,400	27,300	23,600	24,600	19,200 J	28900	22,200		
Manganese	2.4	5.4 J	7.4	0.1	5.5	7.7	5.1	49.5 J	6.2	20.9		
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Nickel	1.1	0.4 UJ	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.40 U		
Potassium	1,760.0	3,080	3,610	2,840 J	1,690	2,810 J	3,200	3,200 J	2,780	3,190 B		
Selenium	4.4 R	3.5 R	3.5 R	3.0 UJ	3.5 UJ	4.9 UJ	4.9 UJ	4.9	3.5	3.9 U	5	5
Silver	0.9	1.1	1.1	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U		
Sodium	100,000	56,100	54,000	97,300	35,600	46,400	44,500	6,610 J	62,800	41,700		
Thallium	6.3	4.1	4.1	4.6	4.1	2.6	2.6	2.6	4.1	1.9 B		
Vanadium	9.2	12.9	5.1	1.6	2.0	1.2	15.5	1.2	8.6	8.9 B		
Zinc	2.4	4.8 J	1.1	8.4	5.8	0.7	2.9	13.3	1.1	8.2 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Carbon Disulfide						0.47 J	1.00 U	1.00 U	1.0 U	1.0 U		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate							0.735 J	10.0 U	10.0 U	0.91 JB	49	10
Diethylphthalate										0.51 J		
Dibenz(a,h)anthracene									10.0 UJ	10.0 U		
Indeno(1,2,3-cd)pyrene									10.0 UJ	10.0 U		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
4, 4'-DDT								0.051 J	0.10 U	0.10 U		0.10
Dieldrin								0.040 J	0.10 U	0.10 U		0.10
Endrin								0.040 J	0.10 U	0.10 U		0.10

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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-52

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	55.3	30.0	16.4	12.5	16.4	15.7	14.8	14.8	16.4	15.4 U		200
Antimony	3.9	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U	60	60
Arsenic	10.0 J	3.8	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	20	10
Barium	42.2	48.2	51.4	51.2	41.1	48.0	53.1	43.8	44.8	47.4 B	1,000	200
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U	5	5
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	5	5
Calcium	97,600	94,500	86,800	10,300	99,500	83,100	98,800	82,200 J	108,000	74,700		5,000
Chromium	1.5	0.8	0.8	3.8	3.9	1.8	2.0	2.9	4.3	1.1 B	11	10
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	0.7	0.6	0.20 U		50
Copper	1.2	0.7	1.3	0.8	0.7	1.4	1.4	2.0	0.7	3.9 B	25	25
Iron	9.1	10.5	10.5	2.9	10.5	12.9	12.9	18.3 J	10.5	8.5 U	7,000	100
Lead	2.4 UJ	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U	4.2	3
Magnesium	31,500	26,100	24,900	29,800	27,100	23,200	26,300	23,300 J	30,300	21,700		5,000
Manganese	1.3	3.9 J	5.1	0.1	3.5	4.9	6.0	13.8 J	6.2	21.4		15
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U	0.2	0.2
Nickel	1.1	0.4 UJ	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.40 U	96	40
Potassium	1,660	3,510	3,570 J	2,720 J	1,470	2,690 J	3,390	2,730 J	2,330	3,070 B		5,000
Selenium	4.4 R	3.5 R	3.5 UJ	3.0 UJ	3.5 UJ	4.9 UJ	4.9	4.9 R	3.5 R	3.9 U	8.5	5
Silver	0.9	1.1	1.3	0.6	2.0	1.0	1.0	1.0	1.1	0.30 U	10	10
Sodium	88,900	54,900	53,500	95,600	35,000	46,100	48,200	30,500 J	65,200	41,800		5,000
Thallium	6.3 UJ	4.1	4.1	5.1	4.1	2.6	2.6	2.6	4.1	1.9 B	40	10
Vanadium	9.8	10.9	4.8	1.6	2.0	1.2	14.7	1.2	8.3	8.9 B		50
Zinc	3.6	8.9	1.1	8.3	6.1	0.7	3.7 J	2.9	1.1	2.3 B	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	55.3	97.2	118	19.7	16.4	33.6	21.4	118	109	139 B		
Antimony	3.9	4.0	4.0	2.7	5.2	4.0	4.0	4.0	4.0	2.4 U		
Arsenic	9.8 J	3.9	3.8	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U		
Barium	39.9	49.5	54.6	49.4	45.8	48.6	52.2	46.6	42.5	50.2 B		
Beryllium	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.10 U		
Cadmium	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Calcium	90,100	89,800	86,600	105,000	110,000	83,700	95,300	86,800 J	104,000	77,900		
Chromium	1.5	5.1	0.8	3.8	4.3	1.6	2.0	3.0	1.0	1.3 B		
Cobalt	0.6	0.6	0.6	0.4	0.6	0.7	0.7	0.7	0.6	0.20 U		
Copper	1.2	0.7	0.7	0.8	0.7	1.4	1.4	2.3	0.7	4.3 B		
Cyanide	0.6	0.6	0.8	0.6	2.2	0.6	0.6	0.6	0.6	0.60 U	10	10
Iron	24.2	38.3 U	147	34.3	46.3	49.3	12.9	204 J	142	341		
Lead	2.4 UJ	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U		
Magnesium	28,700	25,600	23,700	29,100	29,900	23,100	26,000	24,200 J	29,900	22,700		
Manganese	1.5	7.6 J	22.0	1.2	6.6	7.8	11.2	20.4 J	8.8	43.7		
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.10 U		
Nickel	1.1	0.4 UJ	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.40 U		
Potassium	1,580	3,400	3,570	2,710 J	1,830	2,780 J	3,300	2,930 J	2,790	3,250		
Selenium	4.4 R	3.5 R	3.5	3.0 UJ	7.5 J	4.9 UJ	4.9 UJ	4.9	3.5	3.9 U		
Silver	0.9	1.1	1.5	0.6	2.3	1.0	1.0	1.0	1.1	0.30 U		
Sodium	85,600	52,800	53,000	96,800	39,400	48,200	46,000	32,300 J	66,300	44,100		
Thallium	6.3	4.1	4.1	8.4	4.1	2.6	2.6	2.6	4.1	4.5 B		
Vanadium	9.9	10.9	4.5	1.6	1.9	1.2	16.2	1.2	9.5	6.8 B		
Zinc	0.7	5.6	1.1	8.3	5.0	6.2	3.9	1.9	1.1	6.9 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Carbon Disulfide				0.62 J	1.0 R	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate							0.841 J	10 U	1.44 J	0.573 J,B	49	10
2,4-Dinitrophenol							25.0 UJ	25.0 U	25.0 U	25.0 U		25
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
4, 4"-DDT								0.03 J	0.10 U	0.10 U		0.10
Dieldrin								0.03 J	0.10 U	0.10 U		0.10
Endrin								0.02 J	0.10 U	0.10 U		0.10

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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.

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

	Quarterly Sampling Results (All Results Expressed in Units of μg/l)										
Compound	**Jun-05**	**Sep-05**	**Dec-05**	**Mar-06**	**Jun-06**	**Sep-06**	**Nov-06**	**Mar-07**	**Jun-07**	**TRIGGER LEVEL**	CRQL
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry	Location Dry	Location Dry		
Aluminum	—	—	—	16.4	—	—	—	—	—		200
Antimony	—	—	—	4.0	—	—	—	—	—	**60**	60
Arsenic	—	—	—	3.8	—	—	—	—	—	**20**	10
Barium	—	—	—	24.5 J	—	—	—	—	—	**1,000**	200
Beryllium	—	—	—	0.1	—	—	—	—	—	**5**	5
Cadmium	—	—	—	0.1	—	—	—	—	—	**5**	5
Calcium	—	—	—	64,600 J	—	—	—	—	—		5,000
Chromium	—	—	—	0.8	—	—	—	—	—	**11**	10
Cobalt	—	—	—	0.6	—	—	—	—	—		50
Copper	—	—	—	0.7	—	—	—	—	—	**25**	25
Iron	—	—	—	10.5	—	—	—	—	—	**7,000**	100
Lead	—	—	—	1.4 UJ	—	—	—	—	—	**4.2**	3
Magnesium	—	—	—	10,700 J	—	—	—	—	—		5,000
Manganese	—	—	—	1.0	—	—	—	—	—		15
Mercury	—	—	—	0.1	—	—	—	—	—	**0.2**	0.2
Nickel	—	—	—	0.4	—	—	—	—	—	**96**	40
Potassium	—	—	—	4,250 J	—	—	—	—	—		5,000
Selenium	—	—	—	3.5 R	—	—	—	—	—	**8.5**	5
Silver	—	—	—	1.1	—	—	—	—	—	**10**	10
Sodium	—	—	—	2,260 J	—	—	—	—	—		5,000
Thallium	—	—	—	4.1	—	—	—	—	—	**40**	10
Vanadium	—	—	—	1.6	—	—	—	—	—		50
Zinc	—	—	—	34.8	—	—	—	—	—	**86**	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	—	—	560 J	—	—	—	—	—		
Antimony	—	—	—	4.0	—	—	—	—	—		
Arsenic	—	—	—	3.8	—	—	—	—	—		
Barium	—	—	—	29.2 J	—	—	—	—	—		
Beryllium	—	—	—	0.1	—	—	—	—	—		
Cadmium	—	—	—	0.1	—	—	—	—	—		
Calcium	—	—	—	69,600	—	—	—	—	—		
Chromium	—	—	—	1.9	—	—	—	—	—		
Cobalt	—	—	—	0.6	—	—	—	—	—		
Copper	—	—	—	1.7	—	—	—	—	—		
Cyanide	—	—	—	1.4	—	—	—	—	—	**10**	10
Iron	—	—	—	1,050 J	—	—	—	—	—		
Lead	—	—	—	1.4	—	—	—	—	—		
Magnesium	—	—	—	11,700	—	—	—	—	—		
Manganese	—	—	—	24.2 J	—	—	—	—	—		
Mercury	—	—	—	0.1	—	—	—	—	—		
Nickel	—	—	—	1.0	—	—	—	—	—		
Potassium	—	—	—	4,680 J	—	—	—	—	—		
Selenium	—	—	—	3.5 R	—	—	—	—	—		
Silver	—	—	—	1.1	—	—	—	—	—		
Sodium	—	—	—	2,300 J	—	—	—	—	—		
Thallium	—	—	—	4.1	—	—	—	—	—		
Vanadium	—	—	—	3.3	—	—	—	—	—		
Zinc	—	—	—	49.6	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	—	—	—	BRL	—	—	—	—	—		
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	BRL	—	—	—	—	—		
Pesticides / PCBs	—	—	—	BRL	—	—	—	—	—		

Notes:
1) All results expressed in micrograms per liter (μg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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

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-05	Sep-05	Sep-05	Mar-06	Jun-06	Sep-06	Nov-07	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry		Location Dry		
Aluminum	—	—	—	17.5	—	—	—	43.2	—		200
Antimony	—	—	—	4.0	—	—	—	4.0	—	60	60
Arsenic	—	—	—	3.8	—	—	—	3.8	—	20	10
Barium	—	—	—	24.3 J	—	—	—	22.5	—	1,000	200
Beryllium	—	—	—	0.1	—	—	—	0.1	—	5	5
Cadmium	—	—	—	0.1	—	—	—	0.1	—	5	5
Calcium	—	—	—	65,300 J	—	—	—	129,000	—		5,000
Chromium	—	—	—	0.8	—	—	—	2.3	—	11	10
Cobalt	—	—	—	0.7	—	—	—	0.6	—		50
Copper	—	—	—	0.7	—	—	—	0.7	—	25	25
Iron	—	—	—	10.5	—	—	—	10.5	—	7,000	100
Lead	—	—	—	1.4	—	—	—	1.4 UJ	—	4.2	3
Magnesium	—	—	—	10,200 J	—	—	—	33,000	—		5,000
Manganese	—	—	—	1.0	—	—	—	1.3	—		15
Mercury	—	—	—	0.1	—	—	—	0.1	—	0.2	0.2
Nickel	—	—	—	0.5	—	—	—	0.4	—	96	40
Potassium	—	—	—	4,250 J	—	—	—	2,420	—		5,000
Selenium	—	—	—	3.5 R	—	—	—	3.5 R	—	8.5	5
Silver	—	—	—	1.1	—	—	—	1.1	—	10	10
Sodium	—	—	—	2,210	—	—	—	2,500	—		5,000
Thallium	—	—	—	4.1	—	—	—	4.1	—	40	10
Vanadium	—	—	—	1.4	—	—	—	9.3	—		50
Zinc	—	—	—	34.4	—	—	—	1.1	—	86	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	—	—	39.6 J	—	—	—	23.2	—		
Antimony	—	—	—	4.0	—	—	—	4.0	—		
Arsenic	—	—	—	3.8	—	—	—	3.8	—		
Barium	—	—	—	20.1 J	—	—	—	21.5	—		
Beryllium	—	—	—	0.1	—	—	—	0.1	—		
Cadmium	—	—	—	0.1	—	—	—	0.1	—		
Calcium	—	—	—	122,000	—	—	—	130000	—		
Chromium	—	—	—	2.1	—	—	—	2.0	—		
Cobalt	—	—	—	0.6	—	—	—	0.6	—		
Copper	—	—	—	0.7	—	—	—	0.7	—		
Cyanide	—	—	—	0.6	—	—	—	0.6	—	10	10
Iron	—	—	—	35.6 J	—	—	—	54.2	—		
Lead	—	—	—	1.4	—	—	—	1.4 UJ	—		
Magnesium	—	—	—	33,200	—	—	—	32000	—		
Manganese	—	—	—	1.7 J	—	—	—	2.7	—		
Mercury	—	—	—	0.1	—	—	—	0.1	—		
Nickel	—	—	—	0.6	—	—	—	1.1	—		
Potassium	—	—	—	2,270 J	—	—	—	2310	—		
Selenium	—	—	—	3.5 R	—	—	—	3.5	—		
Silver	—	—	—	1.1	—	—	—	1.1	—		
Sodium	—	—	—	1,520 J	—	—	—	2320	—		
Thallium	—	—	—	4.1	—	—	—	4.1	—		
Vanadium	—	—	—	3.0	—	—	—	8.9	—		
Zinc	—	—	—	1.1	—	—	—	1.1	—		
Volatile Organic Compounds (VOCs)	—	—	—	BRL	—	—	—	BRL	—		
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	BRL	—	—	—	BRL	—		
Dibenz(a,h)anthracene	—	—	—		—	—	—	10.0 UJ	—		
Indeno(1,2,3-cd)pyrene	—	—	—		—	—	—	10.0 UJ	—		
Pesticides / PCBs	—	—	—	BRL	—	—	—	BRL	—		

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									TRIGGER LEVEL	CRQL
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry			Location Dry						
Aluminum	—	—	12.5	16.4	—	14.8	14.8	16.4	14.5 U		200
Antimony	—	—	2.7	4	—	4	4.0	4.0	2.4 U	**60**	60
Arsenic	—	—	3.5	3.8	—	4	4.0 UJ	3.8	2.4 U	**20**	10
Barium	—	—	14.8 J	21.3 J	—	30.6	26.6	25.1	29.7 B	**1,000**	200
Beryllium	—	—	0.1	0.1	—	0.5	0.5	0.1	0.10 U	**5**	5
Cadmium	—	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U	**5**	5
Calcium	—	—	57,300	66,700 J	—	82,600	93,200 J	97,800	91,400		5,000
Chromium	—	—	1.7	0.8	—	1.2	2.5	2.6	1.0 B	**11**	10
Cobalt	—	—	0.4	0.6	—	0.7	0.7	0.6	0.20 U		50
Copper	—	—	1.8	0.7	—	1.4	1.4	0.7	5.4 B	**25**	25
Iron	—	—	2.9	10.5	—	12.9	12.9 J	12.7	8.5 U	**7,000**	100
Lead	—	—	1.7	1.4	—	1.8	1.8	1.4 UJ	0.80 U	**4.2**	3
Magnesium	—	—	10,900	12,900 J	—	18,400	19,000 J	22,100	21,100		5,000
Manganese	—	—	0.5	2.9	—	0.9	13.7 J	45.2	10.7 B		15
Mercury	—	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U	**0.2**	0.2
Nickel	—	—	0.4	0.5	—	0.5	0.5	0.4	0.40 U	**96**	40
Potassium	—	—	3,570	3,980 J	—	3,540	3,090 J	2,830	5,970		5,000
Selenium	—	—	3.0	3.5 R	—	4.9	4.9 R	3.5 R	3.9 U	**8.5**	5
Silver	—	—	0.6	1.1	—	1	1.0	1.1	0.30 U	**10**	10
Sodium	—	—	2,730	3,960 J	—	6,540	6,640 J	7,260	12,400		5,000
Thallium	—	—	1.4	4.1	—	2.6	2.6	4.1	3.1 B	**40**	10
Vanadium	—	—	1.6	1.6	—	13.8	1.2	5.7	6.1 B		50
Zinc	—	—	5.6	1.1	—	51.6	0.7	1.1	2.8 B	**86**	20
Inorganics - Metals and Cyanide (Total)											
Aluminum	—	—	439	3,040 J	—	4030	497.0	723	194.0 B		
Antimony	—	—	2.7	4.0	—	4.0	4.0	4.0	2.4 U		
Arsenic	—	—	3.5	3.8	—	4.0	4.0 UJ	3.8	2.4 U		
Barium	—	—	16.8 J	35.4 J	—	55.3	28.4	29.1	30.2 B		
Beryllium	—	—	0.1	0.1	—	0.5	0.5	0.1	0.10 U		
Cadmium	—	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U		
Calcium	—	—	56,000	68,900	—	94100	88700 J	101000	90,300		
Chromium	—	—	2.5	4.3	—	5.2	2.9	4.1	1.3 B		
Cobalt	—	—	0.4	1.4	—	2.4	0.8	0.6	0.20 U		
Copper	—	—	2.0	2.8	—	1.4	1.4	0.7	5.3 B		
Cyanide	—	—	0.6	0.8	—	0.6	0.6	0.6	0.60 U	**10**	10
Iron	—	—	757 J	3,730 J	—	7240	968 J	1250	376		
Lead	—	—	1.7	1.4	—	6.0 J	1.8	1.4 UJ	0.80 U		
Magnesium	—	—	10,400	14000	—	20500	18400 J	22800	20,600		
Manganese	—	—	22.6	81.6 J	—	271.0	46.9 J	79.0	22.3		
Mercury	—	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U		
Nickel	—	—	0.4	3.3	—	4.8	0.5	1.4	0.40 U		
Potassium	—	—	3,670	4,680 J	—	4360	2980 J	3120	5,900		
Selenium	—	—	3.0	3.5 R	—	4.9	4.9	3.5 UJ	3.9 U		
Silver	—	—	0.6	1.1	—	1.0	1.0	1.1	0.30 U		
Sodium	—	—	2,410	3,900 J	—	6640	6270 J	7310	12,100		
Thallium	—	—	1.4	4.1	—	2.6 UJ	2.6	4.1	3.2 B		
Vanadium	—	—	1.6	6.2	—	23.5	1.2	7.6	6.4 B		
Zinc	—	—	13.4	12.1	—	134	4	3	2.0 B		
Volatile Organic Compounds (VOCs)	—	—	BRL	BRL	—	BRL	BRL	BRL	BRL		
Acetone				3.1 J	—	12.0 R	5.0 R	5.0 R	6.7 R		1.0
Semi-Volatile Organic Compounds (SVOCs)	—	—	BRL	BRL	—	BRL	BRL	BRL	BRL		
bis(2-ethylhexyl)phthalate	—	—			—	0.744 J	10.0 U	10.0 U	0.534 J	**49**	10
Dibenz(a,h)anthracene	—	—			—			10.0 UJ	10.0 U		
Indeno(1,2,3-cd)pyrene	—	—			—			10.0 UJ	10.0 U		
4-Chloroaniline	—	—			—		0.604 J	10.0 U	10.0 U		10
Pesticides / PCBs	—	—	BRL	BRL	—	BRL	BRL	BRL	BRL		
Heptachlor				0.010 J		0.050 U	0.050 U	0.050 U	0.053 U		0.05

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-24

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled		
Aluminum						14.8	29.1			200
Antimony						4.0	4.1		**60**	60
Arsenic						4.0	5.3		**20**	10
Barium						67.9	77.9		**1,000**	200
Beryllium						0.50	0.10		**5**	5
Cadmium						0.10	0.10		**5**	5
Calcium						102,000	133,000			5,000
Chromium						1.5	0.80		**11**	10
Cobalt						0.70	0.40			50
Copper						1.4	0.70		**25**	25
Iron						711	688		**7,000**	100
Lead						1.8	2.1 UJ		**4.2**	3
Magnesium						23,700	28,000			5,000
Manganese						200	109			15
Mercury						0.10	0.10		**0.2**	0.2
Nickel						0.50	0.80		**96**	40
Potassium						2,870	2,610 J			5,000
Selenium						4.9 UJ	4.5 UJ		**8.5**	5
Silver						1.0	2.1		**10**	10
Sodium						36,200	12,800			5,000
Thallium						2.6	3.1		**40**	10
Vanadium						14.0	8.0			50
Zinc						2.2 J	1.1		**86**	20
Inorganics - Metals and Cyanide (Total)										
Aluminum						30900	26000 J			
Antimony						4.0	4.2			
Arsenic						25.6	6.6 J			
Barium						209	194			
Beryllium						1.9	0.80			
Cadmium						0.10	0.10			
Calcium						551000	685000			
Chromium						73.1	49.4			
Cobalt						33.2	25.4			
Copper						42.4	56.7 J			
Cyanide						1.2	0.60		**10**	10
Iron						69100	57900			
Lead						37.5 J	30.1			
Magnesium						83500	85500			
Manganese						2490	2650			
Mercury						0.10	0.10			
Nickel						67.3	55.2			
Potassium						9960	9230 J			
Selenium						4.9 UJ	4.9 J			
Silver						9.7	2.1			
Sodium						36400	16100			
Thallium						2.6	3.1			
Titanium						230.0	68.1			
Vanadium						94.6	273.0			
Zinc						202	0.6 J			
Volatile Organic Compounds (VOCs)						BRL	BRL			
Bromomethane							1.0 UJ			
Semi-Volatile Organic Compounds (SVOCs)						BRL	BRL			
bis(2-ethylhexyl)phthalate						0.562 J	10.0 U		**49**	10
Dibenz(a,h)anthracene							10.0 UJ			
Indeno(1,2,3-cd)pyrene							10.0 UJ			
2,4-Dinitrophenol						25.0 UJ	25.0 U		**2120**	25
Pesticides / PCBs						BRL	BRL			

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-26

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Mar-07	Jun-07		
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled		
Aluminum						14.8	29.1			200
Antimony						4.0	4.1		60	60
Arsenic						4.0	5.3		20	10
Barium						449	417		1,000	200
Beryllium						0.5	0.1		5	5
Cadmium						0.1	0.1		5	5
Calcium						72,600	78,300			5,000
Chromium						3.0	2.6		11	10
Cobalt						0.7	0.4			50
Copper						1.4	0.7		25	25
Iron						707	88.8		7,000	100
Lead						1.8	2.1 UJ		4.2	3
Magnesium						40,600	42,400			5,000
Manganese						91.5	83.5			15
Mercury						0.1	0.1		0.2	0.2
Nickel						0.5	0.8		96	40
Potassium						20,800	24,500 J			5,000
Selenium						4.9	4.5 UJ		8.5	5
Silver						1.0	2.1		10	10
Sodium						207,000	199,000			5,000
Thallium						2.6	3.1		40	10
Vanadium						22.6	12.1			50
Zinc						2.3	1.1		86	20
Inorganics - Metals and Cyanide (Total)										
Aluminum						3510	2030 J			
Antimony						4.0	4.1			
Arsenic						4.0	5.3			
Barium						453	455			
Beryllium						0.5	0.10			
Cadmium						0.1	0.10			
Calcium						98200	86800			
Chromium						11.8	14.5			
Cobalt						5.8	2.8			
Copper						6.4	30.0 J			
Cyanide						0.60	0.60		10	10
Iron						9030.0	5130.0			
Lead						10.6 J	3.5			
Magnesium						47900	44500			
Manganese						255	173			
Mercury						0.10	0.10			
Nickel						8.5	6.8			
Potassium						22300	21000 J			
Selenium						4.9	4.5 UJ			
Silver						1.0	3.3			
Sodium						211000	200000			
Thallium						2.6 UJ	3.8 J			
Vanadium						33.2	14.6			
Zinc						29	32 J			
Volatile Organic Compounds (VOCs)						BRL	BRL			
Bromomethane							1.0 UJ			
Semi-Volatile Organic Compounds (SVOCs)						BRL	BRL			
bis(2-ethylhexyl)phthalate						1.03 J	0.722 J		49	10
4-Nitroaniline						25.0 UJ	25.0 U			25
Nitrobenzene						10.0 UJ	10.0 U		27000	10
2,4-Dinitrophenol						25 UJ	25.0 U		2120	25
Pesticides / PCBs						BRL	BRL			

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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.

Skinner Landfill
West Chester, Ohio
Groundwater Analysis Summary Table for GW-30

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)									
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Mar-07	Jun-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled		
Aluminum						14.8	49.9			200
Antimony						4.0	4.1		**60**	60
Arsenic						4.0	5.3		**20**	10
Barium						415.0	0.10		**1,000**	200
Beryllium						0.50	0.10		**5**	5
Cadmium						0.10	0.10		**5**	5
Calcium						64,300	119,000			5,000
Chromium						2.4	4.8		**11**	10
Cobalt						0.70	0.40			50
Copper						1.4	0.7		**25**	25
Iron						375.0	212		**7,000**	100
Lead						1.8	2.1 UJ		**4.2**	3
Magnesium						30,000	40,800			5,000
Manganese						27.5	192			15
Mercury						0.10	0.10		**0.2**	0.2
Nickel						0.50	0.80		**96**	40
Potassium						11,900	5,810 J			5,000
Selenium						4.9 UJ	4.5 UJ		**8.5**	5
Silver						1.0	2.1		**10**	10
Sodium						133,000	41,200			5,000
Thallium						2.6	3.4 J		**40**	10
Vanadium						15.6	9.9			50
Zinc						2.4 J	4.6		**86**	20
Inorganics - Metals and Cyanide (Total)										
Aluminum						42.2	1740 J			
Antimony						4.0	4.1			
Arsenic						4.0	5.3			
Barium						410	329			
Beryllium						0.50	0.10			
Cadmium						0.10	0.10			
Calcium						63700	60800			
Chromium						3.2	11.6			
Cobalt						0.70	1.2			
Copper						1.4	25.0 J			
Cyanide						0.60	2.4		**10**	10
Iron						559	4330			
Lead						1.8	2.1 UJ			
Magnesium						29900	27700			
Manganese						30.5	86.2			
Mercury						0.10	0.10			
Nickel						0.50	3.8			
Potassium						11800	10500 J			
Selenium						4.9	4.5 UJ			
Silver						1.0	2.1			
Sodium						131000	123000			
Thallium						2.6	3.1			
Vanadium						15.5	10.9			
Zinc						3.6	36.9 J			
Volatile Organic Compounds (VOCs)						BRL	BRL			
Acetone						17.0 B	5.0 R			1.0
Semi-Volatile Organic Compounds (SVOCs)						BRL	BRL			
bis(2-ethylhexyl)phthalate							0.982 J			
2,4-Dinitrophenol						25.0 U	25.0 U			25
Pesticides / PCBs						BRL	BRL			

Notes:
1) All results expressed in micrograms per liter (µg/L).
2) Standard Inorganic Data Qualifiers have been used.
3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
4) Bold red letters 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 207061321

PROJECT MANAGER: Ron Rolker

Date: September 3, 2007

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 207061321 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 2007, 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) 207061321.

GCAL #	Sample Description
20706132101	SK-GW64-1022
20706132102	SK-GW63-1022
20706132103	SK-GW65-1022
20706132104	SK-GW06R-1022
20706132107	SK-GW64-1022 (DISS)
20706132108	SK-GW63-1022 (DISS)
20706132109	SK-GW06R-1022 (DISS)
20706132110	SK-GW07R-1022
20706132111	SK-GW61-1022
20706132112	SK-GW61-1022 DUP
20706132113	SK-GW60-1022
2070613214	SK-GW59-1022
20706132115	SK-GW62A-1022
20706132117	SK-GW07R-1022 (DISS)
20706132118	SK-GW61-1022 (DISS)
20706132119	SK-GW61-1022 DUP (DISS)
20706132120	SK-GW59-1022 (DISS)
20706132121	SK-GW62A-1022 (DISS)
20706132122	SK-GWEB-1022
20706132123	SK-GW58-1022
20706132124	SK-GW58-1022 MS
20706132126	SK-GW58-1022 DUP
20706132127	TRIP BLANK
20706132128	SK-GWEB-1022 (DISS)
20706132129	SK-GW58-1022 (DISS)
20706132130	SK-GW58-1022 MS (DISS)
20706132131	SK-GW58-1022 DUP (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 sample SK-GW58-1022 (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 sample SK-GW58-1022 (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 Antimony (47%), Mercury (72%), and Selenium (57%) associated with the total fraction. As per the National Functional Guidelines, if the percent recovery is greater than 30% but less than the lower acceptance limit then qualify detected results for that analyte with "J" and non-detected results are qualified with "UJ".

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 Aluminum, Chromium, Copper, Lead, Potassium, and Vanadium associated with the total fraction and Sodium 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

It should be noted that GCAL qualified the Arsenic results reported for total metals and the Zinc results reported with the dissolved fraction with an "E" qualifier indicating that the percent difference between the sample and its serial dilution was greater than 10%.

The results for Arsenic and Zinc associated with the ICP serial dilution were less than 50 times the IDL and therefore should not have been used in the calculation. The data validator manually made the correction on the Form 1's. All other documentation submitted for review appeared accurate and in order.

11. OVERALL ASSESSMENT

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 6/22/07 were 95% and 125%.

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 6/28/07 were 113% and 122%.

As per the National Functional Guidelines, if the CRDL percent recovery is above 120% then detected results are qualified as estimated with "J".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207061321 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 2007, 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 207061321.

GCAL #	Sample Description
20706132101	SK-GW64-1022
20706132102	SK-GW63-1022
20706132103	SK-GW65-1022
20706132104	SK-GW06R-1022
20706132110	SK-GW07R-1022
20706132111	SK-GW61-1022
20706132112	SK-GW61-1022 DUP
20706132113	SK-GW60-1022
2070613214	SK-GW59-1022
20706132115	SK-GW62A-1022
20706132122	SK-GWEB-1022
20706132123	SK-GW58-1022
20706132124	SK-GW58-1022 MS
20706132125	SK-GW58-1022 MSD

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. System Monitoring Compound Recovery
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.

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

Two ICs dated 7/2/07 and 7/11/07 were 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's and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds. The %RSD's were within the acceptance criteria specified in the method for all target compounds with the exception of 2,4-Dinitrophenol associated with the IC dated 7/2/07. The data validator dropped the lowest point of the calibration curve for 2,4-Dinitrophenol and re-calculated the %RSD. The re-calculated %RSD for 2,4-Dinitrophenol was 25.2%, which is within the acceptance criteria of less than or equal to 30%. The %RSD's were within the acceptance criteria specified in the method for all target compounds associated with the IC dated 7/11/07.

B. Continuing Calibration

Two CC's dated 7/2/07 and 7/11/07 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRF's for the CC's dated 7/2/07 and 7/11/07 were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRF's and the CC Response Factors for the CC were within the acceptance criteria (<25%) for the CC dated 7/2/07 with the exception of 2,4-Dinitrophenol (-35.2%). The percent difference (%D) between the average RRF's and the CC Response Factors for the CC were within the acceptance criteria (<25%) for the CC dated 7/11/07. As per the National Functional Guidelines, if the %D is outside the ± 25% criterion then qualify detected results for that compound with "J" and non-detected results for that compound with "UJ".

4. BLANKS

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

Method Blank (MB497594)

Bis(2-ethylhexyl)phthalate (1.02 ppb) was detected in the method blank extracted on 6/15/07.

Method Blank (MB498244)

Bis(2-ethylhexyl)phthalate (1.03 ppb) was detected in the method blank extracted on 6/18/07.

Equipment Blank (SK-GWEB-1022)

Bis(2-ethylhexyl)phthalate (1.39 ppb) and di-n-butylphthalate (6.87 ppb) were detected in the Equipment Blank collected on 6/15/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of Nitrobenzene-d5, Terphenyl-d14, and 2-Fluorobiphenyl associated with sample SK-GW60-1022 and Terphenyl-d14 associated with sample SK-GW58-1022 MSD. As per the National Functional Guidelines; if two or more surrogates in either semivolatile fraction have a recovery greater than 10 percent but less than the lower limit then qualify detected semivolatile target compounds for that fraction with "J" and non-detected results for that fraction with "UJ".

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

Sample SK-GW58-1022 was submitted for MS/MSD analysis. The MS/MSD percent recoveries are within the acceptance criteria.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and Retention Times (RT) were within the acceptance limits for the reported semivolatile samples.

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

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

Di-n-butylphthalate was detected in sample SK-GW65-1022 (0.610 ppb). Although di-n-butylphthalate was not detected in the associated method blank it was detected in the Equipment Blank associated with SDG 207061321. The data validator suggests that if d-n-butylphthalate has been historically detected in sample SK-GW65-1022 then the results should be used for regulatory reporting. If di-n-butylphthalate has not been historically detected in sample SK-GW65-1022 then the result should be reported as 10.0 "U". The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207061321 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 2007, 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 207061321.

GCAL #	Sample Description
20706132101	SK-GW64-1022
20706132102	SK-GW63-1022
20706132103	SK-GW65-1022
20706132104	SK-GW06R-1022
20706132105	SK-TB-QT02-07-1022
20706132110	SK-GW07R-1022
20706132111	SK-GW61-1022
20706132112	SK-GW61-1022 DUP
20706132113	SK-GW60-1022
2070613214	SK-GW59-1022
20706132115	SK-GW62A-1022
20706132116	TRIP BLANK
20706132122	SK-GWEB-1022
20706132123	SK-GW58-1022
20706132124	SK-GW58-1022 MS
20706132125	SK-GW58-1022 MSD
20706132127	TRIP BLANK

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 MSV7. One bromofluorobenzene (BFB) tune was run on MSV7. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 6/22/07 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's 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 RRF's and the average RRF for the IC dated 6/22/07 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. The %RSD's were within the acceptance criteria specified in the method for all target compounds 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".

B. Continuing Calibration

One CC dated 6/22/07 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's for the CC dated 6/22/07 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

One laboratory volatile method blank, a storage blank, an Equipment Blank, and three Trip Blanks were analyzed with this SDG. The results are summarized below.

<u>MB499876</u>

There were no target analytes detected in method blank MB499876 analyzed on 6/22/07 (1117).

Storage Blank (VHBLK)

Acetone (2.0 ppb) and Benzene (0.16 ppb) were detected in the in the Storage Blank analyzed on 6/22/07.

Equipment Blank (SK-GWEB-1022)

Acetone (4.6 ppb) and Carbon disulfide were detected in the Equipment Blank associated with the samples collected on 6/15/07.

Trip Blank (SK-TB-QT02-07-1022)

Acetone (4.1 ppb) and Benzene (0.14 ppb) were detected in the Trip Blank associated with the samples received on 6/12/07.

Trip Blank

Benzene (0.23 ppb) and Methylene chloride (0.19 ppb) were detected in the Trip Blank associated with the samples received on 6/15/07.

Trip Blank

Benzene (0.21 ppb) was detected in the Trip Blank associated with the samples received on 6/16/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%) with the exception of 4-Bromofluorobenzene associated with sample SK-GW59-1022 (79%). As per the National Functional Guidelines, if the SMC percent recovery is greater than 10% but less than the lower limit qualify detected results with "J" and non-detected results with "UJ".

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW58-1022 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria except as follows: Trichloroethene and Tetrachloroethene associated with the MS and 1,2-Dichloroethane, Carbon tetrachloride, 1,2-Dichloropropane, cis-1,3-Dichloropropene, 1,1,2-Trichloroethane, Bromoform, and 1,2-Dibrmomethane associated with the MSD. All of the percent RPD's between the MS and MSD exceeded the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD results alone.

7. LABORATORY CONTROL SAMPLE

One 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 for VOCs.

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 results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 207061321 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 2007, 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 207061321.

GCAL #	Sample Description
20706132101	SK-GW64-1022
20706132102	SK-GW63-1022
20706132103	SK-GW65-1022
20706132104	SK-GW06R-1022
20706132110	SK-GW07R-1022
20706132111	SK-GW61-1022
20706132112	SK-GW61-1022 DUP
20706132113	SK-GW60-1022
2070613214	SK-GW59-1022
20706132115	SK-GW62A-1022
20706132122	SK-GWEB-1022
20706132123	SK-GW58-1022
20706132124	SK-GW58-1022 MS
20706132125	SK-GW58-1022 MSD
20706132132	SK-GW63-1022 (RE)
20706132133	SK-GW06R-1022 (RE)
20706132134	SK-GW07R-1022 (RE)
20706132135	SK-GW62A-1022 (RE)
20706132136	SK-GWEB-1022 (RE)
20706132137	SK-GW58-1022 (RE)
20706132138	SK-GW58-1022 MS (RE)
20706132139	SK-GW58-1022 MSD (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. 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. Samples SK-GW06R-1022, SK-GW07R-1022, SK-GW58-1022, SK-GW58MS-1022, SK-GW58MSD-1022, SK-GWEB-1019, SK-GWEB-1022, SK-GW62A-1022, SK-GW63-1022, SK-GWEB-1022, and MB498410 were re-extracted do to low surrogate recovery. The re-extraction of the samples was performed outside the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, qualify all detected compound results as estimated "J" and sample quantitation limits as estimated "UJ".

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

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

Method Blank 497637

No constituents were reported by GCAL for the method blank extracted on 6/16/07.

Method Blank 498410

No constituents were reported by GCAL for the method blank extracted on 6/19/07.

Method Blank 509296

No constituents were reported by GCAL for the method blank extracted on 7/17/07.

6. SURROGATE SPIKES

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

	TCX	DCB
SK-GW63-1022	38%	**23**
SK-GW06R-1022	38%	**22%**
SK-GW07R-1022	**4%**	32%
SK-GW62A-1022	42%	**21%**
SK-GWEB-1022	**16%**	**23%**
SK-GW58-1022	**27%**	**21%**
SK-GW58MS-1022	35%	**20%**
SK-GW58MSD-1022	**28%**	**20%**
MB498410	32%	**19%**

As per the National Functional Guidelines, if recoveries are between 10 and 30 percent qualify results greater than the detection limit with "J" and non-detected results with "UJ". If the surrogate recovery is between 0 percent and 10 percent then qualify detected results with "J" and non-detected results with "R".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW58-1022 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 the 4,4'-DDT, Aldrin, Heptachlor, and Lindane associated with the MS/MSD. The sample was re-extracted (SK-GW58-1022 RE) along with the MS and MSD and analyzed.

All of the percent recoveries associated with the re-extracted sample and associated MS/MSD were within the acceptance criteria with the exception of the Lindane associated with the MS/MSD. 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 data validator recommends using the results from the initial extraction (those results that do not have "RE" associated with the sample ID) for reporting purposes for all samples with the exception of sample SK-GW07R-1022. The results for sample SK-GW07R-1022 (RE) should be used in place of those for SK-GW07R-1022 for reporting purposes due to all results being rejected for sample SK-GW07R-1022. 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.*

NELAP CERTIFICATE NUMBER 01955

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 07/23/2007

GCAL Report 207061321

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:** 207061321

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.

The case narrative is resubmitted 9/5/07 to correct the narrative regarding surrogate recoveries and corrective action taken in the OLM04.2-CLP Pest/PCB analysis. The case narrative is resubmitted 9/12/07.

VOLATILES MASS SPECTROMETRY

In the OLC02.1 - CLP Volatiles analysis for analytical batch 351676, sample 20706132114 (SKGW59-1022) exhibited a recovery for 4-Bromofluorobenzene below the requested reporting limits. The MS/MSD exhibited recovery and RPD failures. This is attributed to matrix interference.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20706132125 (SKGW58-1022 MSD) had one surrogate recovery outside control limits in the base-neutral fraction. All other surrogate recoveries were acceptable for this sample.

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20706132113 (SKGW60-1022) had low surrogate recoveries. There was insufficient sample volume to re-extract. Client was contacted and informed the lab that they were unable to resample.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2-CLP Pest/PCB analysis, samples 20706132102 (SK-GW63-1022), 20706132104 (SK-GW06R-1022), 20706132110 (SKGW07R-1022), 20706132115 (SKGW62A-1022), 498410 MB, 20706132122 (SKGWEB-1022), 20706132123 (SKGW58-1022), 20706132124 (SKGW58-1022 MS) and 20706132125 (SKGW58-1022 MSD) exhibited low surrogate recoveries in the primary analysis. These samples were re-extracted out of hold time and both analyses are reported. All re-extracted sample surrogate recoveries were acceptable.

In the OLM04.2 - CLP Pest/PCB analysis for prep batches 351404 the MS/MSD exhibited multiple recovery failures. The MS and MSD were re-extracted and all compounds were within recovery limits except for Lindane.

METALS

The Sample/Duplicate RPD for ILM04.1 Cyanide for prep batch 351340 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 - CLP Metals analysis for prep batch 351495, the MS and/or MSD recoveries were outside the control limits for Antimony and 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 recoveries of 97% for Antimony and 84% for Selenium. The MS recovery is not applicable for Aluminum and Iron because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPD for Antimony and Thallium is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 CLP HG analysis for prep batch 351497, the MS and/or MSD recovery was outside the control limits for Mercury. The LCS recovery was within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. The Sample/Duplicate RPD for Mercury is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 - CLP Metals analysis the Sample/Duplicate RPD for Thallium for prep batch 351496 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 - CLP Metals Dissolved analysis, Sodium and Zinc are flagged as estimated for samples associated with prep batch 351498 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, Aluminum, Arsenic, Chromium, Copper, Lead, Potassium and Vanadium are flagged as estimated for samples associated with prep batch 351497 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 207061321

THIS REPORT CONTAINS 964 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20706132101	SK-GW64-1022	Water	06/11/2007 12:00	06/13/2007 09:15
20706132102	SK-GW63-1022	Water	06/11/2007 15:00	06/13/2007 09:15
20706132103	SK-GW65-1022	Water	06/11/2007 13:15	06/13/2007 09:15
20706132104	SK-GW06R-1022	Water	06/11/2007 15:30	06/13/2007 09:15
20706132105	TRIP BLANK-SK-TB-QT02-07-1022	Water		06/13/2007 09:15
20706132106	VHBLK	Water		06/13/2007 09:15
20706132107	SK-GW64-1022 (DISS)	Water	06/11/2007 12:00	06/13/2007 09:15
20706132108	SK-GW63-1022 (DISS)	Water	06/11/2007 15:00	06/13/2007 09:15
20706132109	SK-GW06R-1022 (DISS)	Water	06/11/2007 15:30	06/13/2007 09:15
20706132110	SKGW07R-1022	Water	06/14/2007 14:05	06/15/2007 09:20
20706132111	SKGW61-1022	Water	06/14/2007 08:45	06/15/2007 09:20
20706132112	SKGW61-1022 DUP	Water	06/14/2007 08:45	06/15/2007 09:20
20706132113	SKGW60-1022	Water	06/14/2007 10:45	06/15/2007 09:20
20706132114	SKGW59-1022	Water	06/14/2007 11:15	06/15/2007 09:20
20706132115	SKGW62A-1022	Water	06/14/2007 07:40	06/15/2007 09:20
20706132116	TRIP BLANK	Water		06/15/2007 09:20
20706132117	SKGW07R-1022 (DISS)	Water	06/14/2007 14:05	06/15/2007 09:20
20706132118	SKGW61-1022 (DISS)	Water	06/14/2007 08:45	06/15/2007 09:20
20706132119	SKGW61-1022 DUP (DISS)	Water	06/14/2007 08:45	06/15/2007 09:20
20706132120	SKGW59-1022 (DISS)	Water	06/14/2007 11:15	06/15/2007 09:20
20706132121	SKGW62A-1022 (DISS)	Water	06/14/2007 07:40	06/15/2007 09:20
20706132122	SKGWEB-1022	Water	06/15/2007 14:00	06/16/2007 10:00
20706132123	SKGW58-1022	Water	06/15/2007 10:30	06/16/2007 10:00
20706132124	SKGW58-1022 MS	Water	06/15/2007 10:30	06/16/2007 10:00
20706132125	SKGW58-1022 MSD	Water	06/15/2007 10:30	06/16/2007 10:00
20706132126	SKGW58-1022 DUP	Water	06/15/2007 10:30	06/16/2007 10:00
20706132127	TRIP BLANK	Water		06/16/2007 10:00
20706132128	SKGWEB-1022 (DISS)	Water	06/15/2007 14:00	06/16/2007 10:00
20706132129	SKGW58-1022 (DISS)	Water	06/15/2007 10:30	06/16/2007 10:00
20706132130	SKGW58-1022 (DISS) MS	Water	06/15/2007 10:30	06/16/2007 10:00
20706132131	SKGW58-1022 (DISS) DUP	Water	06/15/2007 10:30	06/16/2007 10:00
20706132132	SK-GW63-1022 (RE)	Water	06/11/2007 15:00	06/13/2007 09:15
20706132133	SK-GW06R-1022 (RE)	Water	06/11/2007 15:30	06/13/2007 09:15
20706132134	SKGW07R-1022 (RE)	Water	06/14/2007 14:05	06/15/2007 09:20
20706132135	SKGW62A-1022 (RE)	Water	06/14/2007 07:40	06/15/2007 09:20
20706132136	SKGWEB-1022 (RE)	Water	06/15/2007 14:00	06/16/2007 10:00
20706132137	SKGW58-1022 (RE)	Water	06/15/2007 10:30	06/16/2007 10:00
20706132138	SKGW58-1022 MS (RE)	Water	06/15/2007 10:30	06/16/2007 10:00
20706132139	SKGW58-1022 MSD (RE)	Water	06/15/2007 10:30	06/16/2007 10:00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW64-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132101

Level: (low/med) Lab File ID: 2070622/c2500

% Moisture: not dec. Date Collected: 06/11/07 Time: 1200

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1354

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.21~~	J	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-GW64-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132101

Level: (low/med) Lab File ID: 2070622/c2500

% Moisture: not dec. Date Collected: 06/11/07 Time: 1200

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1354

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW64-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132101

Sample wt/vol: Units: Lab File ID: 2070622/c2500

Level: (low/med) Date Collected: 06/11/07 Time: 1200

% Moisture: not dec. Date Received: 06/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1354

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 2

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	60-29-7	Ether	2.317	215	
2.	108-20-3	Diisopropyl ether	3.909	379	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW63-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132102

Level: (low/med) Lab File ID: 2070622/c2501

% Moisture: not dec. Date Collected: 06/11/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1417

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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	9.1	3	0.010	5.0
71-43-2	Benzene	1.0 ~~0.26~~	J	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	0.47	J	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-GW63-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132102

Level: (low/med) Lab File ID: 2070622/c2501

% Moisture: not dec. Date Collected: 06/11/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1417

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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-GW63-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132102

Sample wt/vol: Units: Lab File ID: 2070622/c2501

Level: (low/med) Date Collected: 06/11/07 Time: 1500

% Moisture: not dec. Date Received: 06/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1417

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 2

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	60-29-7	Ether	2.314	.486	
2.	124-19-6	Nonanal	12.375	.336	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW65-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132103

Level: (low/med) Lab File ID: 2070622/c2513

% Moisture: not dec. Date Collected: 06/11/07 Time: 1315

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1845

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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-GW65-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132103

Level: (low/med) Lab File ID: 2070622/c2513

% Moisture: not dec. Date Collected: 06/11/07 Time: 1315

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1845

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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-GW65-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132103

Sample wt/vol: Units: Lab File ID: 2070622/c2513

Level: (low/med) Date Collected: 06/11/07 Time: 1315

% Moisture: not dec. Date Received: 06/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1845

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-GW06R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132104

Level: (low/med) Lab File ID: 2070622/c2503

% Moisture: not dec. Date Collected: 06/11/07 Time: 1530

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1501

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.20~~	J	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	0.62	J	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-GW06R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132104

Level: (low/med) Lab File ID: 2070622/c2503

% Moisture: not dec. Date Collected: 06/11/07 Time: 1530

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1501

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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-GW06R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132104

Sample wt/vol: Units: Lab File ID: 2070622/c2503

Level: (low/med) Date Collected: 06/11/07 Time: 1530

% Moisture: not dec. Date Received: 06/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1501

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

TRIP BLANK-SK-TB-QT02-07-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132105

Level: (low/med) Lab File ID: 2070622/c2511

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1800

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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	4.1 ~~5.0~~	U J	0.010	5.0
71-43-2	Benzene	1.3 ~~0.14~~	J	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.

TRIP BLANK-SK-TB-QT02-07-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132105

Level: (low/med) Lab File ID: 2070622/c2511

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/13/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1800

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
TRIP BLANK-SK-TB-QT02-07-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132105

Sample wt/vol: Units: Lab File ID: 2070622/c2511

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1800

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW07R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132110

Level: (low/med) Lab File ID: 2070622/c2507

% Moisture: not dec. Date Collected: 06/14/07 Time: 1405

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1631

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.

SKGW07R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132110

Level: (low/med) Lab File ID: 2070622/c2507

% Moisture: not dec. Date Collected: 06/14/07 Time: 1405

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1631

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW07R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132110

Sample wt/vol: Units: Lab File ID: 2070622/c2507

Level: (low/med) Date Collected: 06/14/07 Time: 1405

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1631

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW61-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132111

Level: (low/med) Lab File ID: 2070622/c2505

% Moisture: not dec. Date Collected: 06/14/07 Time: 0845

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1546

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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	3.8		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

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW61-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132111

Level: (low/med) Lab File ID: 2070622/c2505

% Moisture: not dec. Date Collected: 06/14/07 Time: 0845

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1546

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW61-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132111

Sample wt/vol: Units: Lab File ID: 2070622/c2505

Level: (low/med) Date Collected: 06/14/07 Time: 0845

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1546

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW61-1022 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132112

Level: (low/med) Lab File ID: 2070622/c2506

% Moisture: not dec. Date Collected: 06/14/07 Time: 0845

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1609

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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	1.9		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

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW61-1022 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132112

Level: (low/med) Lab File ID: 2070622/c2506

% Moisture: not dec. Date Collected: 06/14/07 Time: 0845

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1609

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW61-1022 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132112

Sample wt/vol: Units: Lab File ID: 2070622/c2506

Level: (low/med) Date Collected: 06/14/07 Time: 0845

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1609

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW60-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132113

Level: (low/med) Lab File ID: 2070622/c2508

% Moisture: not dec. Date Collected: 06/14/07 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1653

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.20~~	J	0.010	1.0	ie
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	24		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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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW60-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132113

Level: (low/med) Lab File ID: 2070622/c2508

% Moisture: not dec. Date Collected: 06/14/07 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1653

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW60-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132113

Sample wt/vol: Units: Lab File ID: 2070622/c2508

Level: (low/med) Date Collected: 06/14/07 Time: 1045

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1653

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW59-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132114

Level: (low/med) Lab File ID: 2070622/c2509

% Moisture: not dec. Date Collected: 06/14/07 Time: 1115

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1716

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW59-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132114

Level: (low/med) Lab File ID: 2070622/c2509

% Moisture: not dec. Date Collected: 06/14/07 Time: 1115

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1716

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW59-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132114

Sample wt/vol: Units: Lab File ID: 2070622/c2509

Level: (low/med) Date Collected: 06/14/07 Time: 1115

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1716

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW62A-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132115

Level: (low/med) Lab File ID: 2070622/c2504

% Moisture: not dec. Date Collected: 06/14/07 Time: 0740

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1524

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.27~~	J	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

9/3/07

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW62A-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132115

Level: (low/med) Lab File ID: 2070622/c2504

% Moisture: not dec. Date Collected: 06/14/07 Time: 0740

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1524

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW62A-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132115

Sample wt/vol: Units: Lab File ID: 2070622/c2504

Level: (low/med) Date Collected: 06/14/07 Time: 0740

% Moisture: not dec Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1524

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132116

Level: (low/med) Lab File ID: 2070622/c2495

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1202

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.23~~	J	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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7/31/07

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132116

Level: (low/med) Lab File ID: 2070622/c2495

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/15/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1202

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.19	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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132116

Sample wt/vol: Units: Lab File ID: 2070622/c2495

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1202

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGWEB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132122

Level: (low/med) Lab File ID: 2070622/c2510

% Moisture: not dec. Date Collected: 06/15/07 Time: 1400

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1738

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~4.8~~	J	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	2.5		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

7/16/07

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGWEB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132122

Level: (low/med) Lab File ID: 2070622/c2510

% Moisture: not dec. Date Collected: 06/15/07 Time: 1400

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1738

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.

SKGWEB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132122

Sample wt/vol: Units: Lab File ID: 2070622/c2510

Level: (low/med) Date Collected: 06/15/07 Time: 1400

% Moisture: not dec. Date Received: 06/16/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1738

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

SKGW58-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132123

Level: (low/med) Lab File ID: 2070622/c2494

% Moisture: not dec. Date Collected: 06/15/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1140

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.25~~	J	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	2.1		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

9/3/07
M-L

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW58-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132123

Level: (low/med) Lab File ID: 2070622/c2494

% Moisture: not dec. Date Collected: 06/15/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1140

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
SKGW58-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132123

Sample wt/vol: Units: Lab File ID: 2070622/c2494

Level: (low/med) Date Collected: 06/15/07 Time: 1030

% Moisture: not dec. Date Received: 06/16/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1140

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132127

Level: (low/med) Lab File ID: 2070622/c2496

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1224

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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 ~~0.21~~	J	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

9/3/07 MC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706132127

Level: (low/med) Lab File ID: 2070622/c2496

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/16/07

Instrument ID: MSV7 Date Analyzed: 06/22/07 Time: 1224

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 351676

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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: Water Lab Sample ID: 20706132127

Sample wt/vol: Units: Lab File ID: 2070622/c2496

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/16/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/22/07 Time: 1224

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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			

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW64-1022

Contract:

Lab File ID: 2070702/b1911

Lab Sample ID: 20706132101

Date Collected: 06/11/07 Time: 1200

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1204

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/3/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW64-1022

Contract:

Lab File ID: 2070702/b1911

Lab Sample ID: 20706132101

Date Collected: 06/11/07 Time: 1200

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1204

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~1.03~~ 10.0	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

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FORM I SV-1

9/3/07
MJL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW64-1022

Contract:

Lab File ID: 2070702/b1911

Lab Sample ID: 20706132101

Date Collected: 06/11/07 Time: 1200

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1204

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207061321
Matrix: Water
Sample wt/vol: 1000 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-GW64-1022
Contract:
Lab File ID: 2070702/b1911
Lab Sample ID: 20706132101
Date Collected: 06/11/07 Time: 1200
Date Received: 06/13/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1204
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.943	1.28	
2.	7206-25-9	9-Octadecene, (E)-	6.08	1.09	
3.		Unknown	1.789	1.31	
4.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	1.02	
5.	77899-10-6	(Z)14-Tricosenyl formate	4.181	2.43	
6.	57-10-3	Hexadecanoic acid	4.235	13.1	
7.		Unknown	4.474	1.55	
8.	74663-85-7	Cyclopropane, nonyl-	4.652	17.4	
9.	57-11-4	Octadecanoic acid	4.709	12.9	
10.		Unknown	5.101	2.98	

7/3/07 MPC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW63-1022

Contract:

Lab File ID: 2070702/b1912

Lab Sample ID: 20706132102

Date Collected: 06/11/07 Time: 1500

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1218

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

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9/3/07 M.L

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW63-1022

Contract:

Lab File ID: 2070702/b1912

Lab Sample ID: 20706132102

Date Collected: 06/11/07 Time: 1500

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1218

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.0 ~~110~~	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

5/31-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-GW63-1022

Contract:

Lab File ID: 2070702/b1912

Lab Sample ID: 20706132102

Date Collected: 06/11/07 Time: 1500

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1218

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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-GW63-1022
Contract:
Lab File ID: 2070702/b1912
Lab Sample ID: 20706132102
Date Collected: 06/11/07 Time: 1500
Date Received: 06/13/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1218
Dilution Factor: 1 Analyst: JAR3
Prep Method: CLP 4.2 SW-A
Analytical Method: ~~SW-846 8270C~~ CLP-4.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.333	1.14	
2.		Unknown	4.945	8.37	
3.	558-37-2	1-Butene, 3,3-dimethyl-	.378	1.27	
4.		Unknown	.648	1.1	
5.		Unknown	1.471	.419	
6.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.478	1.23	
7.		Unknown	2.791	.374	
8.		Unknown	3.716	.765	
9.		Unknown	4.65	9.79	
10.	57-11-4	Octadecanoic acid	4.706	9.01	

FORM I SV-TIC

7/3/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 860 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-GW65-1022

Contract:

Lab File ID: 2070702/b1913

Lab Sample ID: 20706132103

Date Collected: 06/11/07 Time: 1315

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1233

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	11.6	U	0.012	11.6
88-06-2	2,4,6-Trichlorophenol	11.6	U	0.012	11.6
120-83-2	2,4-Dichlorophenol	11.6	U	0.012	11.6
51-28-5	2,4-Dinitrophenol	29.1	U	0.012	29.1
121-14-2	2,4-Dinitrotoluene	11.6	U	0.012	11.6
606-20-2	2,6-Dinitrotoluene	11.6	U	0.012	11.6
91-58-7	2-Chloronaphthalene	11.6	U	0.012	11.6
95-57-8	2-Chlorophenol	11.6	U	0.012	11.6
91-57-6	2-Methylnaphthalene	11.6	U	0.012	11.6
88-74-4	2-Nitroaniline	29.1	U	0.012	29.1
88-75-5	2-Nitrophenol	11.6	U	0.012	11.6
91-94-1	3,3'-Dichlorobenzidine	11.6	U	0.012	11.6
99-09-2	3-Nitroaniline	29.1	U	0.012	29.1
534-52-1	2-Methyl-4,6-dinitrophenol	29.1	U	0.012	29.1
59-50-7	4-Chloro-3-methylphenol	11.6	U	0.012	11.6
106-47-8	4-Chloroaniline	11.6	U	0.012	11.6
7005-72-3	4-Chlorophenyl-phenylether	11.6	U	0.012	11.6
106-44-5	4-Methylphenol (p-Cresol)	11.6	U	0.012	11.6
83-32-9	Acenaphthene	11.6	U	0.012	11.6
208-96-8	Acenaphthylene	11.6	U	0.012	11.6
120-12-7	Anthracene	11.6	U	0.012	11.6
56-55-3	Benzo(a)anthracene	11.6	U	0.012	11.6
50-32-8	Benzo(a)pyrene	11.6	U	0.012	11.6
205-99-2	Benzo(b)fluoranthene	11.6	U	0.012	11.6
191-24-2	Benzo(g,h,i)perylene	11.6	U	0.012	11.6
207-08-9	Benzo(k)fluoranthene	11.6	U	0.012	11.6
111-91-1	Bis(2-Chloroethoxy)methane	11.6	U	0.012	11.6
111-44-4	Bis(2-Chloroethyl)ether	11.6	U	0.012	11.6
108-60-1	bis(2-Chloroisopropyl)ether	11.6	U	0.012	11.6

U J

FORM I SV-1

5/31/07 M.L

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 860 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-GW65-1022

Contract:

Lab File ID: 2070702/b1913

Lab Sample ID: 20706132103

Date Collected: 06/11/07 Time: 1315

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1233

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.C ~~2.56~~	JB	0.012	11.6
101-55-3	4-Bromophenyl-phenylether	11.6	U	0.012	11.6
85-68-7	Butylbenzylphthalate	11.6	U	0.012	11.6
86-74-8	Carbazole	11.6	U	0.012	11.6
218-01-9	Chrysene	11.6	U	0.012	11.6
84-74-2	Di-n-butylphthalate	0.610	J	0.012	11.6
117-84-0	Di-n-octylphthalate	11.6	U	0.012	11.6
53-70-3	Dibenz(a,h)anthracene	11.6	U	0.012	11.6
132-64-9	Dibenzofuran	11.6	U	0.012	11.6
84-66-2	Diethylphthalate	11.6	U	0.012	11.6
131-11-3	Dimethyl-phthalate	11.6	U	0.012	11.6
105-67-9	2,4-Dimethylphenol	11.6	U	0.012	11.6
206-44-0	Fluoranthene	11.6	U	0.012	11.6
86-73-7	Fluorene	11.6	U	0.012	11.6
118-74-1	Hexachlorobenzene	11.6	U	0.012	11.6
87-68-3	Hexachlorobutadiene	11.6	U	0.012	11.6
77-47-4	Hexachlorocyclopentadiene	11.6	U	0.012	11.6
67-72-1	Hexachloroethane	11.6	U	0.012	11.6
193-39-5	Indeno(1,2,3-cd)pyrene	11.6	U	0.012	11.6
78-59-1	Isophorone	11.6	U	0.012	11.6
91-20-3	Naphthalene	11.6	U	0.012	11.6
100-01-6	4-Nitroaniline	29.1	U	0.012	29.1
98-95-3	Nitrobenzene	11.6	U	0.012	11.6
100-02-7	4-Nitrophenol	29.1	U	0.012	29.1
87-86-5	Pentachlorophenol	29.1	U	0.012	29.1
85-01-8	Phenanthrene	11.6	U	0.012	11.6
108-95-2	Phenol	11.6	U	0.012	11.6
129-00-0	Pyrene	11.6	U	0.012	11.6
621-64-7	N-Nitroso-di-n-propylamine	11.6	U	0.012	11.6

FORM I SV-1

9/3/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 860 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-GW65-1022

Contract:

Lab File ID: 2070702/b1913

Lab Sample ID: 20706132103

Date Collected: 06/11/07 Time: 1315

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1233

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	11.6	U	0.012	11.6
95-48-7	o-Cresol	11.6	U	0.012	11.6

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.: 207061321
Matrix: Water
Sample wt/vol: 860 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-GW65-1022
Contract:
Lab File ID: 2070702/b1913
Lab Sample ID: 20706132103
Date Collected: 06/11/07 Time: 1315
Date Received: 06/13/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1233
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SOA
Analytical Method: ~~SW-846-8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	124-19-6	Nonanal	1.468	1.31	
2.	504-78-9	Thiazolidine	6.826	1.79	
3.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	1.25	
4.		Unknown	3.367	1.8	
5.	106-30-9	Heptanoic acid, ethyl ester	3.71	1.79	
6.		Unknown	3.98	1.71	
7.	2091-29-4	9-Hexadecenoic acid	4.652	20.7	
8.	57-11-4	Octadecanoic acid	4.709	23.3	
9.	33100-27-5	15-Crown-5	5.095	4.31	
10.		Unknown	6.1	2.51	

9/3/07 MK

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-1022

Contract:

Lab File ID: 2070702/b1914

Lab Sample ID: 20706132104

Date Collected: 06/11/07 Time: 1530

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1248

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/3/07 MK

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-1022

Contract:

Lab File ID: 2070702/b1914

Lab Sample ID: 20706132104

Date Collected: 06/11/07 Time: 1530

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1248

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~10.0~~ 14	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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-1022

Contract:

Lab File ID: 2070702/b1914

Lab Sample ID: 20706132104

Date Collected: 06/11/07 Time: 1530

Date Received: 06/13/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1248

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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-1022
Contract:
Lab File ID: 2070702/b1914
Lab Sample ID: 20706132104
Date Collected: 06/11/07 Time: 1530
Date Received: 06/13/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1248
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-09-2	Methylene Chloride	.648	1.07	
2.		Unknown	6.108	96.5	
3.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	1.16	
4.	57-10-3	Hexadecanoic acid	3.148	.797	
5.		Unknown	4.312	1.71	
6.	7704-34-9	Sulfur	4.496	5.62	
7.		Unknown	4.65	5.68	
8.	57-11-4	Octadecanoic acid	4.703	3.81	
9.		Unknown	4.931	2.17	
10.	1120-07-6	Nonanamide	5.197	1.13	

FORM I SV-TIC

9/5/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW07R-1022

Contract:

Lab File ID: 2070702/b1915

Lab Sample ID: 20706132110

Date Collected: 06/14/07 Time: 1405

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1303

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/3/07 nm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW07R-1022

Contract:

Lab File ID: 2070702/b1915

Lab Sample ID: 20706132110

Date Collected: 06/14/07 Time: 1405

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1303

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~10.0~~ 0.90	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

UL

FORM I SV-1

9/5/07 AL

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW07R-1022

Contract:

Lab File ID: 2070702/b1915

Lab Sample ID: 20706132110

Date Collected: 06/14/07 Time: 1405

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1303

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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: SKGW07R-1022
Contract:
Lab File ID: 2070702/b1915
Lab Sample ID: 20706132110
Date Collected: 06/14/07 Time: 1405
Date Received: 06/15/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1303
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM 4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM 04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	111-46-6	Ethanol, 2,2'-oxybis-	.733	2.37	
2.		Unknown	6.103	11.7	
3.	149-57-5	Hexanoic acid, 2-ethyl-	1.556	.789	
4.		Unknown	1.786	8.93	
5.	816-63-7	Heptanoic acid, 2-ethyl-, meth	2.231	.71	
6.		Unknown	3.077	1.92	
7.		Unknown	3.208	3.86	
8.	57-10-3	Hexadecanoic acid	4.23	2.8	
9.	57-11-4	Octadecanoic acid	4.704	7.58	
10.		Unknown	4.936	10.9	

FORM I SV-TIC

9/5/07 MCW

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022

Contract:

Lab File ID: 2070711/b2299

Lab Sample ID: 20706132111

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1241

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022

Contract:

Lab File ID: 2070711/b2299

Lab Sample ID: 20706132111

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1241

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.~~2.42~~	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-D methylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

9/3/07 pa

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022

Contract:

Lab File ID: 2070711/b2299

Lab Sample ID: 20706132111

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1241

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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: SKGW61-1022
Contract:
Lab File ID: 2070711/b2299
Lab Sample ID: 20706132111
Date Collected: 06/14/07 Time: 0845
Date Received: 06/15/07
Date Extracted: 6/15/07
Date Analyzed: 07/11/07 Time: 1241
Dilution Factor: 1 Analyst: JAR3
Prep Method: OCM4.2 SJOA
Analytical Method: ~~SW-846 8270C~~ OCM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	1.97	222	
2.	758-16-7	Methanethioamide, N,N-dimethyl	6.71	8.57	
3.		Unknown	2.717	5.73	
4.		Unknown	2.771	5.98	
5.	112-27-6	Triethylene glycol	4.227	13.8	
6.	57-11-4	Octadecanoic acid	4.477	6.41	
7.		Unknown	4.641	4.26	
8.	504-78-9	Thiazolidine	4.851	40.7	
9.	0-00-0	1,1'-Bis(3,6,9,12,15-pentaoxac	5.444	30.7	
10.	0-00-0	1,1'-Bis(3,6,9,12,15-pentaoxac	6.075	25	

9/3/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022 DUP

Contract:

Lab File ID: 2070702/b1917

Lab Sample ID: 20706132112

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1333

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/13/07 M

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022 DUP

Contract:

Lab File ID: 2070702/b1917

Lab Sample ID: 20706132112

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1333

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~0.215~~ 0.0	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW61-1022 DUP

Contract:

Lab File ID: 2070702/b1917

Lab Sample ID: 20706132112

Date Collected: 06/14/07 Time: 0845

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/02/07 Time: 1333

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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: SKGW61-1022 DUP
Contract:
Lab File ID: 2070702/b1917
Lab Sample ID: 20706132112
Date Collected: 06/14/07 Time: 0845
Date Received: 06/15/07
Date Extracted: 6/15/07
Date Analyzed: 07/02/07 Time: 1333
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM 4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM 0 4.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	2.203	128	
2.		Unknown	7.553	4.32	
3.		Unknown	2.299	2.57	
4.	55956-25-7	2-Propanol, 1-[1-methyl-2-(2-p	2.407	4.11	
5.		Unknown	2.461	4.34	
6.	0-00-0	3-(1,3-Dihydroxyisopropyl)-1,5	2.93	16.4	
7.	20324-32-7	2-Propanol, 1-(2-methoxy-1-met	2.964	6.2	
8.		Unknown	2.986	13.9	
9.		Unknown	4.948	13.4	
10.	54789-40-1	Heptanamide, 4-ethyl-5-methyl-	6.103	4.41	

FORM I SV-TIC

7/18/07 JZ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 430 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: SKGW60-1022

Contract:

Lab File ID: 2070711/b2302

Lab Sample ID: 20706132113

Date Collected: 06/14/07 Time: 1045

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1540

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
95-95-4	2,4,5-Trichlorophenol	23.3	U	0.023	23.3	
88-06-2	2,4,6-Trichlorophenol	23.3	U	0.023	23.3	
120-83-2	2,4-Dichlorophenol	23.3	U	0.023	23.3	
51-28-5	2,4-Dinitrophenol	58.1	U	0.023	58.1	
121-14-2	2,4-Dinitrotoluene	23.3	U	0.023	23.3	UJ
606-20-2	2,6-Dinitrotoluene	23.3	U	0.023	23.3	
91-58-7	2-Chloronaphthalene	23.3	U	0.023	23.3	
95-57-8	2-Chlorophenol	23.3	U	0.023	23.3	
91-57-6	2-Methylnaphthalene	23.3	U	0.023	23.3	UJ
88-74-4	2-Nitroaniline	58.1	U	0.023	58.1	UJ
88-75-5	2-Nitrophenol	23.3	U	0.023	23.3	
91-94-1	3,3'-Dichlorobenzidine	23.3	U	0.023	23.3	UJ
99-09-2	3-Nitroaniline	58.1	U	0.023	58.1	UJ
534-52-1	2-Methyl-4,6-dinitrophenol	58.1	U	0.023	58.1	
59-50-7	4-Chloro-3-methylphenol	23.3	U	0.023	23.3	
106-47-8	4-Chloroaniline	23.3	U	0.023	23.3	UJ
7005-72-3	4-Chlorophenyl-phenylether	23.3	U	0.023	23.3	UJ
106-44-5	4-Methylphenol (p-Cresol)	23.3	U	0.023	23.3	
83-32-9	Acenaphthene	23.3	U	0.023	23.3	UJ
208-96-8	Acenaphthylene	23.3	U	0.023	23.3	
120-12-7	Anthracene	23.3	U	0.023	23.3	
56-55-3	Benzo(a)anthracene	23.3	U	0.023	23.3	
50-32-8	Benzo(a)pyrene	23.3	U	0.023	23.3	
205-99-2	Benzo(b)fluoranthene	23.3	U	0.023	23.3	
191-24-2	Benzo(g,h,i)perylene	23.3	U	0.023	23.3	
207-08-9	Benzo(k)fluoranthene	23.3	U	0.023	23.3	
111-91-1	Bis(2-Chloroethoxy)methane	23.3	U	0.023	23.3	
111-44-4	Bis(2-Chloroethyl)ether	23.3	U	0.023	23.3	
108-60-1	bis(2-Chloroisopropyl)ether	23.3	U	0.023	23.3	

7/31/07 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 430 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: SKGW60-1022

Contract:

Lab File ID: 2070711/b2302

Lab Sample ID: 20706132113

Date Collected: 06/14/07 Time: 1045

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1540

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	100 ~~1.83~~	JB	0.023	23.3	UJ
101-55-3	4-Bromophenyl-phenylether	23.3	U	0.023	23.3	
85-68-7	Butylbenzylphthalate	23.3	U	0.023	23.3	
86-74-8	Carbazole	23.3	U	0.023	23.3	
218-01-9	Chrysene	23.3	U	0.023	23.3	
84-74-2	Di-n-butylphthalate	23.3	U	0.023	23.3	
117-84-0	Di-n-octylphthalate	23.3	U	0.023	23.3	
53-70-3	Dibenz(a,h)anthracene	23.3	U	0.023	23.3	
132-64-9	Dibenzofuran	23.3	U	0.023	23.3	
84-66-2	Diethylphthalate	23.3	U	0.023	23.3	
131-11-3	Dimethyl-phthalate	23.3	U	0.023	23.3	
105-67-9	2,4-Dimethylphenol	23.3	U	0.023	23.3	
206-44-0	Fluoranthene	23.3	U	0.023	23.3	UJ
86-73-7	Fluorene	23.3	U	0.023	23.3	
118-74-1	Hexachlorobenzene	23.3	U	0.023	23.3	
87-68-3	Hexachlorobutadiene	23.3	U	0.023	23.3	
77-47-4	Hexachlorocyclopentadiene	23.3	U	0.023	23.3	
67-72-1	Hexachloroethane	23.3	U	0.023	23.3	
193-39-5	Indeno(1,2,3-cd)pyrene	23.3	U	0.023	23.3	
78-59-1	Isophorone	23.3	U	0.023	23.3	
91-20-3	Naphthalene	23.3	U	0.023	23.3	
100-01-6	4-Nitroaniline	58.1	U	0.023	58.1	
98-95-3	Nitrobenzene	23.3	U	0.023	23.3	
100-02-7	4-Nitrophenol	58.1	U	0.023	58.1	
87-86-5	Pentachlorophenol	58.1	U	0.023	58.1	
85-01-8	Phenanthrene	23.3	U	0.023	23.3	UJ
108-95-2	Phenol	23.3	U	0.023	23.3	
129-00-0	Pyrene	23.3	U	0.023	23.3	UJ
621-64-7	N-Nitroso-di-n-propylamine	23.3	U	0.023	23.3	UJ

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 430 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: SKGW60-1022

Contract:

Lab File ID: 2070711/b2302

Lab Sample ID: 20706132113

Date Collected: 06/14/07 Time: 1045

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1540

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
86-30-6	N-Nitrosodiphenylamine	23.3	U	0.023	23.3	US
95-48-7	o-Cresol	23.3	U	0.023	23.3	

FORM I SV-1

7/18/07 [illegible]

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 430 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: SKGW60-1022

Contract:

Lab File ID: 2070711/b2302

Lab Sample ID: 20706132113

Date Collected: 06/14/07 Time: 1045

Date Received: 06/15/07

Date Extracted: 6/15/07

Date Analyzed: 07/11/07 Time: 1540

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2SVOA

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

Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	33100-27-5	15-Crown-5	2.72	3.83	
2.		Unknown	6.716	9.3	
3.	23778-52-1	2,5,8,11,14-Pentaoxahexadecan-	2.771	3.99	
4.	17454-48-7	Cyclohexyl-15-crown-5	3.523	3.82	
5.		Unknown	4.23	12.4	
6.	57-11-4	Octadecanoic acid	4.479	4.72	
7.		Unknown	4.647	3.18	
8.	112-27-6	Tr ethylene glycol	4.857	19	
9.	616-34-2	Glycine, methyl ester	5.447	32.1	
10.	0-00-0	1,1'-Bis(3,6,9,12,15-pentaoxac	6.083	25.6	

FORM I SV-TIC

7/18/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW59-1022

Contract:

Lab File ID: 2070711/b2300

Lab Sample ID: 20706132114

Date Collected: 06/14/07 Time: 1115

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1256

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW59-1022

Contract:

Lab File ID: 2070711/b2300

Lab Sample ID: 20706132114

Date Collected: 06/14/07 Time: 1115

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1256

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~0.764~~ 10.0	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

7/31/07 MC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW59-1022

Contract:

Lab File ID: 2070711/b2300

Lab Sample ID: 20706132114

Date Collected: 06/14/07 Time: 1115

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1256

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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: SKGW59-1022
Contract:
Lab File ID: 2070711/b2300
Lab Sample ID: 20706132114
Date Collected: 06/14/07 Time: 1115
Date Received: 06/15/07
Date Extracted: 6/15/07
Date Analyzed: 07/11/07 Time: 1256
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-09-2	Methylene Chloride	.352	6.4	
2.	54751-70-1	3-Piperidinol, 1,6-dimethyl-	7.17	6.77	
3.	75-09-2	Methylene Chloride	.611	3	
4.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.254	1.55	
5.		Unknown	2.325	.877	
6.		Unknown	2.345	.89	
7.	506-12-7	Heptadecanoic acid	4.008	1.59	
8.	57-11-4	Octadecanoic acid	4.474	3.22	
9.		Unknown	4.667	1.3	
10.	301-02-0	9-Octadecenamide, (Z)-	5.793	11.4	

FORM I SV-TIC

9/3/07 MM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW62A-1022

Contract:

Lab File ID: 2070711/b2301

Lab Sample ID: 20706132115

Date Collected: 06/14/07 Time: 0740

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1311

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW62A-1022

Contract:

Lab File ID: 2070711/b2301

Lab Sample ID: 20706132115

Date Collected: 06/14/07 Time: 0740

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1311

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~10.0~~ 1.18	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

9/3/07 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW62A-1022

Contract:

Lab File ID: 2070711/b2301

Lab Sample ID: 20706132115

Date Collected: 06/14/07 Time: 0740

Date Received: 06/15/07

Date Extracted: 06/15/07

Date Analyzed: 07/11/07 Time: 1311

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351236 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW62A-1022

Contract:

Lab File ID: 2070711/b2301

Lab Sample ID: 20706132115

Date Collected: 06/14/07 Time: 0740

Date Received: 06/15/07

Date Extracted: 6/15/07

Date Analyzed: 07/11/07 Time: 1311

Dilution Factor: 1 Analyst: JAR3

Prep Method: CLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ CLM04.2

Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	149-57-5	Hexanoic acid, 2-ethyl-	1.334	1.06	
2.		Unknown	7.178	13.2	
3.	111-14-8	Heptanoic acid	1.976	.768	
4.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.254	1.68	
5.	18268-45-6	Dodecanoic acid, silver(1+) sa	4.008	2.26	
6.		Unknown	4.42	1.63	
7.	57-11-4	Octadecanoic acid	4.476	3.63	
8.	54410-93-4	Piperazine, 3-butyl-2,5-dimeth	4.675	2.36	
9.		Unknown	4.953	1.31	
10.		Unknown	5.796	41.5	

FORM I SV-TIC

9/3/07 MS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGWEB-1022

Contract:

Lab File ID: 2070702/b1927

Lab Sample ID: 20706132122

Date Collected: 06/15/07 Time: 1400

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1632

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGWEB-1022

Contract:

Lab File ID: 2070702/b1927

Lab Sample ID: 20706132122

Date Collected: 06/15/07 Time: 1400

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1632

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~10.0~~ 1.39	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	6.87	J	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGWEB-1022

Contract:

Lab File ID: 2070702/b1927

Lab Sample ID: 20706132122

Date Collected: 06/15/07 Time: 1400

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1632

Dilution Factor: 1 *Analyst:* JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGWEB-1022

Contract:

Lab File ID: 2070702/b1927

Lab Sample ID: 20706132122

Date Collected: 06/15/07 Time: 1400

Date Received: 06/16/07

Date Extracted: 6/18/07

Date Analyzed: 07/02/07 Time: 1632

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2SWA

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

Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	65-85-0	Benzoic Acid	1.783	.674	
2.		Unknown	7.945	4.75	
3.	95-16-9	Benzothiazole	2.013	.87	
4.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.476	1.03	
5.		Unknown	3.162	.873	
6.	134-62-3	Diethyltoluamide	3.196	1.37	
7.	57-10-3	Hexadecanoic acid	4.23	1.99	
8.	1119-29-5	Pentanamide, 4-methyl-	4.545	1.46	
9.	57-11-4	Octadecanoic acid	4.704	1.92	
10.		Unknown	6.103	20.9	

FORM I SV-TIC

9/3/07 BZ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW58-1022

Contract:

Lab File ID: 2070702/b1928

Lab Sample ID: 20706132123

Date Collected: 06/15/07 Time: 1030

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1647

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW58-1022

Contract:

Lab File ID: 2070702/b1928

Lab Sample ID: 20706132123

Date Collected: 06/15/07 Time: 1030

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1647

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.0 ~~0.902~~	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	1.82	J	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

9/3/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207061321

Matrix: Water

Sample wt/vol: 1000 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: SKGW58-1022

Contract:

Lab File ID: 2070702/b1928

Lab Sample ID: 20706132123

Date Collected: 06/15/07 Time: 1030

Date Received: 06/16/07

Date Extracted: 06/18/07

Date Analyzed: 07/02/07 Time: 1647

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351365 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207061321
Matrix: Water
Sample wt/vol: 1000 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: SKGW58-1022
Contract:
Lab File ID: 2070702/b1928
Lab Sample ID: 20706132123
Date Collected: 06/15/07 Time: 1030
Date Received: 06/16/07
Date Extracted: 6/18/07
Date Analyzed: 07/02/07 Time: 1647
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM 4.2 SOA
Analytical Method: ~~SW-846 8270C~~ OLM 04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	1.675	1.01	
2.		Unknown	7.545	3.11	
3.		Unknown	1.76	1.53	
4.		Unknown	2.274	1.34	
5.	6418-43-5	Hexadecane, 3-methyl-	2.964	1.2	
6.		Unknown	4.229	1.15	
7.	7704-34-9	Sulfur	4.496	1.5	
8.	57-11-4	Octadecanoic acid	4.706	2.62	
9.		Unknown	4.922	1.92	
10.		Unknown	6.103	20.7	

9/7/07 M.V.

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SK-GW64-1022
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207061321
Sample wt/vol: 1000 Units: mL
Lab Sample ID: 20706132101
Level: (low/med) LOW
Date Collected: 06/11/07 Time: 1200
% Moisture: decanted: (Y/N)
Date Received: 06/13/07
GC Column: ID: (mm)
Date Extracted: 06/16/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/16/07 Time: 1211
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 351245 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a021

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin alcehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SK-GW63-1022
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207061321
Sample wt/vol: 1000 Units: mL
Lab Sample ID: 20706132102
Level: (low/med) LOW
Date Collected: 06/11/07 Time: 1500
% Moisture: decanted: (Y/N)
Date Received: 06/13/07
GC Column: ID: (mm)
Date Extracted: 06/16/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/16/07 Time: 1230
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 351245 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a022

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

UJ

FORM I ORG-1

9/15/07 pa

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SK-GW06R-1022
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207061321
Sample wt/vol: 1000 Units: mL
Lab Sample ID: 20706132104
Level: (low/med) LOW
Date Collected: 06/11/07 Time: 1530
% Moisture: decanted: (Y/N)
Date Received: 06/13/07
GC Column: ID: (mm)
Date Extracted: 06/16/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/16/07 Time: 1248
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 351245 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a023

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

US

FORM I ORG-1

9/5/07

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SKGW61-1022
Lab Code:	LA024 Case No.:	Contract:	
Matrix:	Water	SAS No.:	SDG No.: 207061321
Sample wt/vol:	1000 Units: mL	Lab Sample ID:	20706132111
Level: (low/med)	LOW	Date Collected:	06/14/07 Time: 0845
% Moisture:	decanted: (Y/N)	Date Received:	06/15/07
GC Column:	ID: (mm)	Date Extracted:	06/16/07
Concentrated Extract Volume:	1000 (µL)	Date Analyzed:	07/16/07 Time: 1325
Soil Aliquot Volume:	(µL)	Dilution Factor:	1 Analyst: TLS
Injection Volume:	1 (µL)	Prep Method:	OLM4.2 PEST/PCB
GPC Cleanup: (Y/N)	N pH:	Analytical Method:	OLMO 4.2
Prep Batch:	351245 Analytical Batch: 353531	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS15A
CONCENTRATION UNITS:	*ug/L*	Lab File ID:	2070713b/sv15a025

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SKGW61-1022 DUP
Lab Code:	LA024 Case No.:	Contract:	
Matrix:	Water	SAS No.:	SDG No.: 207061321
Sample wt/vol:	1000 Units: mL	Lab Sample ID:	20706132112
Level: (low/med)	LOW	Date Collected:	06/14/07 Time: 0845
% Moisture:	decanted: (Y/N)	Date Received:	06/15/07
GC Column:	ID: (mm)	Date Extracted:	06/16/07
Concentrated Extract Volume:	1000 (µL)	Date Analyzed:	07/16/07 Time: 1344
Soil Aliquot Volume:	(µL)	Dilution Factor:	1 Analyst: TLS
Injection Volume:	1 (µL)	Prep Method:	OLM4.2 PEST/PCB
GPC Cleanup: (Y/N)	N pH:	Analytical Method:	OLMO 4.2
Prep Batch:	351245 Analytical Batch: 353531	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS15A
CONCENTRATION UNITS:	ug/L	Lab File ID:	2070713b/sv15a026

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 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: 351245 Analytical Batch: 353531
CONCENTRATION UNITS: ug/L

Sample ID: SKGW59-1022
Contract:
SAS No.: SDG No.: 207061321
Lab Sample ID: 20706132114
Date Collected: 06/14/07 Time: 1115
Date Received: 06/15/07
Date Extracted: 06/16/07
Date Analyzed: 07/16/07 Time: 1403
Dilution Factor: 1 Analyst: TLS
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
Lab File ID: 2070713b/sv15a027

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SKGW62A-1022
Lab Code:	LA024 Case No.:	Contract:	
Matrix:	Water	SAS No.:	SDG No.: 207061321
Sample wt/vol:	1000 Units: mL	Lab Sample ID:	20706132115
Level: (low/med)	LOW	Date Collected:	06/14/07 Time: 0740
% Moisture:	decanted: (Y/N)	Date Received:	06/15/07
GC Column:	ID: (mm)	Date Extracted:	06/16/07
Concentrated Extract Volume:	1000 (µL)	Date Analyzed:	07/16/07 Time: 1421
Soil Aliquot Volume:	(µL)	Dilution Factor:	1 Analyst: TLS
Injection Volume:	1 (µL)	Prep Method:	OLM4.2 PEST/PCB
GPC Cleanup: (Y/N)	N pH:	Analytical Method:	OLMO 4.2
Prep Batch:	351245 Analytical Batch: 353531	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS15A
CONCENTRATION UNITS:	*ug/L*	Lab File ID:	2070713b/sv15a028

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

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FORM I ORG-1

9/5/07

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name:	GCAL	Sample ID:	SKGWEB-1022
Lab Code:	LA024 Case No.:	Contract:	
Matrix:	Water	SAS No.:	SDG No.: 207061321
Sample wt/vol:	1000 Units: mL	Lab Sample ID:	20706132122
Level: (low/med)	LOW	Date Collected:	06/15/07 Time: 1400
% Moisture:	decanted: (Y/N)	Date Received:	06/16/07
GC Column:	ID: (mm)	Date Extracted:	06/19/07
Concentrated Extract Volume:	1000 (µL)	Date Analyzed:	07/16/07 Time: 1708
Soil Aliquot Volume:	(µL)	Dilution Factor:	1 Analyst: TLS
Injection Volume:	1 (µL)	Prep Method:	OLM4.2 PEST/PCB
GPC Cleanup: (Y/N)	N pH:	Analytical Method:	OLMO 4.2
Prep Batch:	351404 Analytical Batch: 353531	Sulfur Cleanup: (Y/N)	N Instrument ID: GCS15A
CONCENTRATION UNITS:	ug/L	Lab File ID:	2070713b/sv15a033

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SKGW58-1022
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207061321
Sample wt/vol: 1000 Units: mL
Lab Sample ID: 20706132123
Level: (low/med) LOW
Date Collected: 06/15/07 Time: 1030
% Moisture: decanted: (Y/N)
Date Received: 06/16/07
GC Column: ID: (mm)
Date Extracted: 06/19/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/16/07 Time: 1727
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 351404 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a034

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

9/8/07

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SKGW07R-1022 (RE)
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207061321
Sample wt/vol: 980 Units: mL
Lab Sample ID: 20706132134
Level: (low/med) LOW
Date Collected: 06/14/07 Time: 1405
% Moisture: decanted: (Y/N)
Date Received: 06/15/07
GC Column: ID: (mm)
Date Extracted: 07/17/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/18/07 Time: 1512
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 353534 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a057

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

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FORM I ORG-1

9/5/07

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

SOW No.:

EPA Sample No.	Lab Sample ID.
SK-GW64-1022	20706132101
SK-GW63-1022	20706132102
SK-GW06R-1022	20706132104
SK-GW64-1022 (DISS)	20706132107
SK-GW63-1022 (DISS)	20706132108
SK-GW06R-1022 (DISS)	20706132109
SKGW07R-1022	20706132110
SKGW61-1022	20706132111
SKGW61-1022 DUP	20706132112
SKGW59-1022	20706132114
SKGW62A-1022	20706132115
SKGW07R-1022 (DISS)	20706132117
SKGW61-1022 (DISS)	20706132118
SKGW61-1022 DUP (DISS)	20706132119
SKGW59-1022 (DISS)	20706132120

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:: 7-19 07 Title: Metals Supervisor

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

SOW No.:

EPA Sample No.	Lab Sample ID.
SKGW62A-1022 (DISS)	20706132121
SKGWEB-1022	20706132122
SKGW58-1022	20706132123
SKGW58-1022 MS	20706132124
SKGW58-1022 DUP	20706132126
SKGWEB-1022 (DISS)	20706132128
SKGW58-1022 (DISS)	20706132129
SKGW58-1022 (DISS) MS	20706132130
SKGW58-1022 (DISS) DUP	20706132131

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:: 7-19-07 Title: Metals Supervisor

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW64-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132101

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	13700		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	15.9		~~E~~	P	
7440-39-3	Barium	74.8	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	230000			P	
7440-47-3	Chromium	25.4		E	P	J
7440-48-4	Cobalt	15.3	B		P	
7440-50-8	Copper	14.9	B	E	P	J
7439-89-6	Iron	31800			P	
7439-92-1	Lead	10.9		E	P	J
7439-95-4	Magnesium	62500			P	
7439-96-5	Manganese	1920			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	32.0	B		P	
7440-09-7	Potassium	11900		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	40600			P	
7440-28-0	Thallium	4.2	B		P	
7440-62-2	Vanadium	36.8	B	E	P	J
7440-66-6	Zinc	93.0			P	
57-12-5	Cyanide	0.6	U		AS	

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

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW63-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132102

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	13200		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	20.4		E	P	
7440-39-3	Barium	119	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	305000			P	
7440-47-3	Chromium	21.5		E	P	J
7440-48-4	Cobalt	14.1	B		P	
7440-50-8	Copper	24.8	B	E	P	J
7439-89-6	Iron	33700			P	
7439-92-1	Lead	22.8		E	P	J
7439-95-4	Magnesium	73500			P	
7439-96-5	Manganese	2390			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	29.9	B		P	
7440-09-7	Potassium	7990		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	38500			P	
7440-28-0	Thallium	4.7	B		P	
7440-62-2	Vanadium	42.0	B	E	P	J
7440-66-6	Zinc	115			P	
57-12-5	Cyanide	0.6	U		AS	

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

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW06R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132104

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3790		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	7.5	B	~~E~~	P	
7440-39-3	Barium	352			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	218000			P	
7440-47-3	Chromium	9.6	B	E	P	J
7440-48-4	Cobalt	4.5	B		P	
7440-50-8	Copper	15.4	B	E	P	J
7439-89-6	Iron	9620			P	
7439-92-1	Lead	12.1		E	P	J
7439-95-4	Magnesium	46300			P	
7439-96-5	Manganese	421			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	9.0	B		P	
7440-09-7	Potassium	3360	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	18000			P	
7440-28-0	Thallium	1.8	B		P	
7440-62-2	Vanadium	21.1	B	E	P	J
7440-66-6	Zinc	47.4			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:

9/12/07 SBG

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW64-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132107

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	40.6	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	168000			P
7440-47-3	Chromium	2.7	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.9	B		P
7439-89-6	Iron	59.2	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	51700			P
7439-96-5	Manganese	302			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	7890			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	36700		E	P
7440-28-0	Thallium	3.4	B		P
7440-62-2	Vanadium	15.9	B		P
7440-66-6	Zinc	12.6	B	~~E~~	P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW63-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132108

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	31.0	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	213000			P
7440-47-3	Chromium	2.0	B		P
7440-48-4	Cobalt	1.1	B		P
7440-50-8	Copper	4.2	B		P
7439-89-6	Iron	114			P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	49900			P
7439-96-5	Manganese	1300			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	5440			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	33100		E	P
7440-28-0	Thallium	5.8	B		P
7440-62-2	Vanadium	16.4	B		P
7440-66-6	Zinc	19.5	B	~~E~~	P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/11/07

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW06R-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132109

Level: (low / med) Date Received: 06/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	4.0	B		P
7440-39-3	Barium	266			P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	182000			P
7440-47-3	Chromium	1.5	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	228			P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	32500			P
7439-96-5	Manganese	175			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.8	B		P
7440-09-7	Potassium	2400	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	17000		E	P
7440-28-0	Thallium	2.8	B		P
7440-62-2	Vanadium	12.0	B		P
7440-66-6	Zinc	12.3	B	E	P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW07R-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132110

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4680		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	10.5		~~E~~	P	
7440-39-3	Barium	292			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	232000			P	
7440-47-3	Chromium	9.4	B	E	P	J
7440-48-4	Cobalt	4.4	B		P	
7440-50-8	Copper	14.2	B	E	P	J
7439-89-6	Iron	13700			P	
7439-92-1	Lead	8.9		E	P	J
7439-95-4	Magnesium	44800			P	
7439-96-5	Manganese	1280			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	10.4	B		P	
7440-09-7	Potassium	3320	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	23300			P	
7440-28-0	Thallium	5.1	B		P	
7440-62-2	Vanadium	22.4	B	E	P	J
7440-66-6	Zinc	46.7			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:

9/10/07 [illegible]

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW61-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132111

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	919		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.5	B	~~E~~	P	
7440-39-3	Barium	39.8	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	259000			P	
7440-47-3	Chromium	5.7	B	E	P	J
7440-48-4	Cobalt	1.0	B		P	
7440-50-8	Copper	7.0	B	E	P	J
7439-89-6	Iron	2750			P	
7439-92-1	Lead	0.8	U	E	P	~~J~~
7439-95-4	Magnesium	51300			P	
7439-96-5	Manganese	167			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	4.9	B		P	
7440-09-7	Potassium	7480		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	39300			P	
7440-28-0	Thallium	4.2	B		P	
7440-62-2	Vanadium	15.8	B	E	P	J
7440-66-6	Zinc	30.7			P	
57-12-5	Cyanide	1.0	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.

SKGW61-1022 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132112

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	991		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	4.0	B	~~E~~	P	
7440-39-3	Barium	39.2	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	259000			P	
7440-47-3	Chromium	5.8	B	E	P	J
7440-48-4	Cobalt	1.0	B		P	
7440-50-8	Copper	6.5	B	E	P	J
7439-89-6	Iron	2770			P	
7439-92-1	Lead	2.7	B	E	P	J
7439-95-4	Magnesium	50500			P	
7439-96-5	Manganese	165			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	4.9	B		P	
7440-09-7	Potassium	7500		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	39300			P	
7440-28-0	Thallium	2.0	B		P	
7440-62-2	Vanadium	15.2	B	E	P	J
7440-66-6	Zinc	30.6			P	
57-12-5	Cyanide	3.5	B		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07 MR

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW59-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132114

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	7750		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	19.0		~~E~~	P	
7440-39-3	Barium	253			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	226000			P	
7440-47-3	Chromium	34.7		E	P	J
7440-48-4	Cobalt	12.9	B		P	
7440-50-8	Copper	18.6	B	E	P	J
7439-89-6	Iron	24000			P	
7439-92-1	Lead	15.4		E	P	J
7439-95-4	Magnesium	47000			P	
7439-96-5	Manganese	1630			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	37.1	B		P	
7440-09-7	Potassium	18800		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	86500			P	
7440-28-0	Thallium	6.1	B		P	
7440-62-2	Vanadium	27.6	B	E	P	J
7440-66-6	Zinc	86.7			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:

9/10/07 MGA

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW62A-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132115

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12500		E	P	J
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	20.8		E	P	J
7440-39-3	Barium	405			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	217000			P	
7440-47-3	Chromium	39.2		E	P	J
7440-48-4	Cobalt	16.0	B		P	
7440-50-8	Copper	31.7		E	P	J
7439-89-6	Iron	35100			P	
7439-92-1	Lead	26.5		E	P	J
7439-95-4	Magnesium	60700			P	
7439-96-5	Manganese	1290			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	41.9			P	
7440-09-7	Potassium	9530		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	96500			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	40.0	B	E	P	J
7440-66-6	Zinc	164			P	
57-12-5	Cyanide	0.6	U		AS	

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

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

Comments:

9/10/07 MR

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW07R-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132117

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	92.6	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	206000			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	44.2	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	33200			P
7439-96-5	Manganese	646			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	1.9	B		P
7440-09-7	Potassium	2290	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	23000		E	P
7440-28-0	Thallium	5.0	B		P
7440-62-2	Vanadium	13.2	B		P
7440-66-6	Zinc	10.0	B	~~E~~	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.

SKGW61-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132118

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	31.7	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	254000			P
7440-47-3	Chromium	2.5	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.2	B		P
7439-89-6	Iron	18.6	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	50000			P
7439-96-5	Manganese	103			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	3.3	B		P
7440-09-7	Potassium	7180			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	38400		E	P
7440-28-0	Thallium	3.3	B		P
7440-62-2	Vanadium	16.5	B		P
7440-66-6	Zinc	28.5		~~E~~	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.

SKGW61-1022 DUP (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132119

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	32.2	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	263000			P
7440-47-3	Chromium	2.6	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.5	B		P
7439-89-6	Iron	13.6	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	50400			P
7439-96-5	Manganese	104			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	3.6	B		P
7440-09-7	Potassium	7280			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	39500		E	P
7440-28-0	Thallium	3.6	B		P
7440-62-2	Vanadium	15.6	B		P
7440-66-6	Zinc	29.2		~~E~~	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.

SKGW59-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132120

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	59.3	B		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	36.6	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	179000			P
7440-47-3	Chromium	2.3	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.7	B		P
7439-89-6	Iron	137			P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	37800			P
7439-96-5	Manganese	14.5	B		P
7439-97-6	Mercury	0.1	B		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	14500			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	88000		E	P
7440-28-0	Thallium	2.6	B		P
7440-62-2	Vanadium	12.9	B		P
7440-66-6	Zinc	9.5	B	E	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.

SKGW62A-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132121

Level: (low / med) Date Received: 06/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	38.8	B		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	90.1	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	119000			P
7440-47-3	Chromium	2.2	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.8	B		P
7439-89-6	Iron	58.4	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	41600			P
7439-96-5	Manganese	5.3	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	7010			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	92500		E	P
7440-28-0	Thallium	3.1	B		P
7440-62-2	Vanadium	13.7	B		P
7440-66-6	Zinc	23.0		~~E~~	P

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07
MR

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGWEB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132122

Level: (low / med) Date Received: 06/16/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15.4	U	E	P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.5	B	~~E~~	P	
7440-39-3	Barium	0.3	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.3	B		P	
7440-70-2	Calcium	62.7	B		P	
7440-47-3	Chromium	0.3	U	E	P	
7440-48-4	Cobalt	0.5	B		P	
7440-50-8	Copper	0.7	U	E	P	
7439-89-6	Iron	8.5	U		P	
7439-92-1	Lead	2.0	B	E	P	J
7439-95-4	Magnesium	24.1	U		P	
7439-96-5	Manganese	0.3	U		P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	25.1	U	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	25.8	U		P	
7440-28-0	Thallium	3.8	B		P	
7440-62-2	Vanadium	1.0	U	E	P	
7440-66-6	Zinc	2.0	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:

FORM I - IN ILM04.1

9/1/07 MA

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

EPA SAMPLE NO.

SKGW58-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132123

Level: (low / med) Date Received: 06/16/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	27700		E	P	J
7440-36-0	Antimony	8.2	B	N	P	J
7440-38-2	Arsenic	53.1		~~E~~	P	
7440-39-3	Barium	465			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	382000			P	
7440-47-3	Chromium	63.4		E	P	J
7440-48-4	Cobalt	32.5	B		P	
7440-50-8	Copper	67.6		E	P	J
7439-89-6	Iron	78000			P	
7439-92-1	Lead	44.3		E	P	J
7439-95-4	Magnesium	93400			P	
7439-96-5	Manganese	2510			P	
7439-97-6	Mercury	0.1	U	N	AV	UJ
7440-02-0	Nickel	76.5			P	
7440-09-7	Potassium	8340		E	P	J
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	25200			P	
7440-28-0	Thallium	4.6	B		P	
7440-62-2	Vanadium	72.8		E	P	J
7440-66-6	Zinc	240			P	
57-12-5	Cyanide	1.3	B		AS	

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

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

Comments:

9/20/07 MK

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

EPA SAMPLE NO.

SKGWEB-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132128

Level: (low / med) Date Received: 06/16/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	6.5	B		P
7440-39-3	Barium	0.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.5	B		P
7440-70-2	Calcium	9.7	B		P
7440-47-3	Chromium	0.3	U		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	0.7	U		P
7439-89-6	Iron	8.5	U		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	24.1	U		P
7439-96-5	Manganese	0.3	U		P
7439-97-6	Mercury	0.1	B		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	25.1	U		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	25.8	U	E	P
7440-28-0	Thallium	4.5	B		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	1.1	U	~~E~~	P

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07
MA

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

EPA SAMPLE NO.

SKGW58-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207061321

Matrix: (soil / water) Water Lab Sample ID: 20706132129

Level: (low / med) Date Received: 06/16/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31.1	B		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	124	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	112000			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	45.1	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	31600			P
7439-96-5	Manganese	5.9	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3320	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	25400		E	P
7440-28-0	Thallium	8.7	B		P
7440-62-2	Vanadium	12.1	B		P
7440-66-6	Zinc	23.4		~~E~~	P

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07
MR

FORM I - IN ILM04.1

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	20106132-1	6-27-07

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

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

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 2nd Qtr 2007
Sampled By: Alex Maginnis

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

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOC	SVOC	PEsticides	PCBs	Totl Metals	Dissolved Metals	Cyandide					Remarks:	Lab ID / Diss
GW	06/11	1200		X	SK-GW64- 1022	various	10	X	X	X	X	X	X	X						1 / 7
GW	6/11	1500		X	SK-GW63- 1022	HCL/	3	X												2
GW	06/11	1315		X	SK-GW65 - 1022	HCL/	3	X	X	Added per client request EPM 06/13/07										3
GW	6/12	1530		X	SK-GW06R - 1022	HCL/	#3	X												4
L					Trip Blank - SK-TB-QT02-07-1022	HCL/	3	X												5
																			VNGIK	6
					added per client request EPM 06/13/07															

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fed Ex	6-12-07	1100
[signature]	MR	6-13-07	9:14

Note: Standard TAT

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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

CHAIN OF CUSTODY RECORD

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

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	2006134	6-27-07

Report to:
Client: Earth Tech
Address: 2373 Progress Drive
Hebron, KY 41048
Contact: 859-442-2300 Ron Roelker
Phone:
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 Qtr 2007
Sampled By: Alex Maginnis

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	Tot Metal	Diss Metals	Cyanide	Remarks:	Lab ID
GW	6-11	1500		X	SK-GW63-0022	various	~~X~~ 7	X	X	X	X	X	X	Refer to table 7	2 8
					added per client									of O&M LTTL	
					request									for complete list	
					EPM 06/13/07									of analytes	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fed Ex	6-12-07	1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	6-13-07	915
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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

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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	2670601321	6.27.07

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: Glenn Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01 (54280.01)
Project Name/Number: Skinner Landfill - 2nd Qtr 2007
Sampled By: Alex Maginnis

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											Remarks:	Lab ID
GW	6-12	1530		X	SK-GW06R-1022 (added per client request EPM 06/13/07)	various	7	X	X	X	X	X	X						5, 9

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fed Ex	6.12.07	1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	[signature]	6.13.07	915
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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	2070613 C1	

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: Glenn Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 2nd Qtr 2007
Sampled By: Roger Huth

Analytical Requests & Method

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

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	6-14-07	1405		X	SKGW07R-1022	Various	10	2	1	1	1	1	1	3	Refer to table 7g of O&M LTTP for complete list of analytes	10 /D,SS 17
		0845			SKGW66-1022		3							3		11
		0845			SKGW66-1022 DUP		3							3		12
		1045			SKGW67-1022		4	1						3		13
		1115			SKGW59-1022		3							3		14
		0740			SKGW62A-1022		3							3		15
					TRIP BLANK		3							3		16

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger Huth	FedEx	6-14-07	1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	R. Khalal	6-15-07	0920
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: STANDARD TURNAROUND
* IDs changed per Roger Huth

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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	20706 1321	

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 Qtr 2007
Sampled By: Roger Huth

Analytical Requests & Method

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

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	6-14-07	0845		X	SKGW61-1022	Various	7	2	1	1	1	1	1					Refer to table 7 of O&M LTTP for complete list of analytes	11 18
W	"	0845		X	SKGW61-1022 DUP	"	"	2	1	1	1	1	1						12 19
					THAT'S 61														

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger E Huth	FedEx	6-14-07	1800
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Jedy	R Strickel	6-15-07	0900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: STANDARD Turnaround

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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	4343	207061321	

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: Glenn Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: SKinner Landfill - 2nd Qtr 2007
Sampled By: Roger Huth

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

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
GW	6/14/07	0740		X	SKGW62A-1022	Various	7	2	1	1	1	1	1					Refer to table 7	15
GW	"	1115		1	SKGW59-1022	"	7	1	1	1	1	1	1					of O&M LTTP	14
																		for complete list	
																		of analytes	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger E Huth	FedEx	6-14-07	1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Jackie	[illegible]	6-15-07	0920
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Standard Turn around

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

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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

Report to:
Client: EARTH TECH
Address: 2373 Progress Dr
Hebron, KY 41048
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

Bill to:
Client: Glenn Springs
Address: contract
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 2nd Qtr. 07
Sampled By: Roger Huth

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	VOC's	Semi-Volatiles	Pesticides	PCB's	Cyanide	Lab ID
W	6-15-07	1400		X	SKGW EB-1022	Various	8	3	2	1	1	1	22
		1030			SKGW 58-1022		3	3	2	1	1	1	23
		1030			SKGW 58-1022 MS		3	3					24
		1030			SKGW 58-1022 MSD		3	3					25
					TRIP BLANK		3	3					26

Remarks: Refer to Table 7 (TCL) and Table 8 (TAC) of the final O&M Plan for the list of analytes

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger E Huth	Fed Ex	6-15-07	2000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed Ex	K Bialek	6-16-07	1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: standard Turnaround
Samples sent via Fed Ex

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DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 207062610

PROJECT MANAGER: Ron Rolker

Date: August 29, 2007

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 207062610 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 2007, 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) 207062610.

GCAL #	Sample Description
20706261001	SK-SW50-1022
20706261002	SK-FD-1022 (SW50)
20706261003	SK-SW51-1022
20706261006	SK-SW50-1022 (DISS)
20706261007	SK-FD-1022 (SW50) (DISS)
20706261008	SK-SW51-1022 (DISS)
20706261009	SK-SW52-1022
20706261010	SK-MS-1022 (SW52)
20706261012	SK-DUP-1022 (SW52)
20706261014	SK-SW52-1022 (DISS)
20706261015	SK-MS-1022 (SW52) (DISS)
20706261016	SK-DUP-1022 (SW52) (DISS)
20706261017	SK-SWD3-1022
20706261019	SK-SWD3-1022 (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 sample SK-SW52-1022 (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 sample SK-SW52-1022 (total and dissolved fractions) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) for all target 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 Sodium. 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 documentation submitted for review appeared accurate and in order.

11. OVERALL ASSESSMENT

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 7/16/07 were 105% and 132%. As per the National Functional Guidelines, if the CRDL percent recovery is above 120% then detected results are qualified as estimated with "J". The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207062610 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 2007, 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 207062610.

GCAL #	Sample Description
20706261001	SK-SW50-1022
20706261002	SK-FD-1022 (SW50)
20706261003	SK-SW51-1022
20706261009	SK-SW52-1022
20706261010	SK-MS-1022 (SW52)
20706261011	SK-MSD-1022 (SW52)
20706261017	SK-SWD3-1022

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. System Monitoring Compound Recovery
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.

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

Two ICs dated 7/2/07 and 7/11/07 were 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's and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds. The %RSD's were within the acceptance criteria specified in the method for all target compounds with the exception of 2,4-Dinitrophenol associated with the IC dated 7/2/07. The data validator dropped the lowest point of the calibration curve for 2,4-Dinitrophenol and re-calculated the %RSD. The re-calculated %RSD for 2,4-Dinitrophenol was 25.2%, which is within the acceptance criteria of less than or equal to 30%. The %RSD's were within the acceptance criteria specified in the method for all target compounds associated with the IC dated 7/11/07.

B. Continuing Calibration

Two CC's dated 7/2/07 and 7/11/07 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRF's for the CC's dated 7/2/07 and 7/11/07 were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRF's and the CC Response Factors for the CC were within the acceptance criteria (<25%) for the CC dated 7/2/07 with the exception of 2,4-Dinitrophenol (-35.2%). The percent difference (%D) between the average RRF's and the CC Response Factors for the CC were within the acceptance criteria (<25%) for the CC dated 7/11/07. As per the National Functional Guidelines, if the %D is outside the ± 25% criterion then qualify detected results for that compound with "J" and non-detected results for that compound with "UJ".

4. BLANKS

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

<u>Method Blank (MB501252)</u>

Bis(2-ethylhexyl)phthalate (0.575 ppb) and diethylphthalate (0.082 ppb) were detected in the method blank extracted on 6/27/07.

<u>Method Blank (MB503045)</u>

There were no target compounds detected in the method blank extracted on 7/2/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits.

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

Sample SK-SW52-1022 was submitted for MS/MSD analysis. The MS/MSD percent recoveries are within the acceptance criteria the exception of 4-Nitrophenol associated with the MSD. As per the National Functional Guidelines no action is taken on the MS/MSD data alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and Retention Times (RT) were within the acceptance limits for the reported semivolatile samples.

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

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 207062610 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 2007, 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 207062610.

GCAL #	Sample Description
20706261001	SK-SW50-1022
20706261002	SK-FD-1022 (SW50)
20706261003	SK-SW51-1022
20706261004	Trip Blank SK-TB
20706261009	SK-SW52-1022
20706261010	SK-MS-1022 (SW52)
20706261011	SK-MSD-1022 (SW52)
20706261013	SK-TB-1022
20706261017	SK-SWD3-1022
20706261018	TRIP BLANK

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 MSV7. One bromofluorobenzene (BFB) tune was run on MSV7. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 7/2/07 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's 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 RRF's and the average RRF for the IC dated 7/2/07 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. The %RSD's were within the acceptance criteria specified in the method for all target compounds with the exception of 2-Hexanone (34.1%). The data validator dropped the lowest point of the calibration curve (1 ppb) for 2-Hexanone and re-calculated the %RSD. The re-calculated %RSD was 19.2% which in within the acceptance criteria of <30%. The 2-Hexanone results reported less than 2 ppb were qualified as analyzed but not detected with a "U" qualifier. 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".

B. Continuing Calibration

One CC dated 7/2/07 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's for the CC dated 7/2/07 were within the acceptance criteria for all target compounds.

4. BLANKS

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

MB502763

Acetone (6.8 ppb) was detected in method blank MB502763 analyzed on 7/2/07 (1300).

Storage Blank (VHBLK)

There were no target analytes detected in the in the Storage Blank analyzed on 7/2/07.

Trip Blank (SK-TB-1022)

Methylene chloride (1.2 ppb) was detected in the Trip Blank associated with the samples received on 6/26/07.

Trip Blank (SK-TB-1022)

Methylene chloride (1.2 ppb) was detected in the Trip Blank associated with the samples received on 6/27/07.

Trip Blank

Methylene chloride (1.2 ppb) was detected in the Trip Blank associated with the samples received on 6/30/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%) with the exception of 4-Bromofluorobenzene associated with samples SK-SWD3-1022 (72%), SK-SW51-1022 (78%), and VHBLK (79%). As per the National Functional Guidelines, if the SMC percent recovery is greater than 10% but less than the lower limit qualify detected results with "J" and non-detected results with "UJ".

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW52-1022 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

One 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 for VOCs.

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 results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 207062610 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 2007, 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 207062610.

GCAL #	Sample Description
20706261001	SK-SW50-1022
20706261002	SK-FD-1022 (SW50)
20706261003	SK-SW51-1022
20706261009	SK-SW52-1022
20706261010	SK-MS-1022 (SW52)
20706261011	SK-MSD-1022 (SW52)
20706261017	SK-SWD3-1022
20706261020	SK-SWD3-1022 (RE)
20706261021	SK-SW52-1022 (RE)
20706261022	SK-MS-1022 (SW52) (RE)
20706261023	SK-DUP-1022 (SW52) (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. 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. Sample SK-SWD3-1022 (RE) was re-extracted do to low surrogate recovery. Samples SK-SW52-1022 (RE), SK-SW52MS-1022 (RE), and SK-SW52MSD-1022 (RE) were re-extracted do to low MS/MSD recovery. The re-extraction of the samples was performed outside the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, qualify all detected compound results as estimated "J" and sample quantitation limits as estimated "UJ".

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

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

Method Blank 501253

No constituents were reported by GCAL for the method blank extracted on 6/27/07.

Method Blank 503163

No constituents were reported by GCAL for the method blank extracted on 7/3/07.

Method Blank 509296

No constituents were reported by GCAL for the method blank extracted on 7/17/07.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) with the exception of TCX and DCB associated with sample SK-SWD3-1022. As per the National Functional Guidelines, if recoveries are between 10 and 30 percent qualify results greater than the detection limit with "J" and non-detected results with "UJ".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW52-1022 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 the Lindane associated with the MS/MSD. The sample was re-extracted (SK-SW52-1022 RE) along with the MS and MSD and analyzed. All of the percent recoveries associated with the re-extracted sample and associated MS/MSD were within the acceptance criteria with the exception of the Lindane associated with the MS/MSD. 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 data validator recommends using the results from the initial extraction (those results that do not have "RE" associated with the sample ID) for reporting purposes for all samples. 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.*

NELAP CERTIFICATE NUMBER 01955

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 07/23/2007

GCAL Report 207062610

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:** 207062610

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.

VOLATILES MASS SPECTROMETRY

In the OLC02.1 - CLP Volatiles analysis for analytical batch 352258 4-Bromofluorobenzene was recovered below the established control limits in samples 20706261003 (SK-SW51-1022), 20706261005 (VHBLK), and 20706261017 (SK-SWD3-1022).

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batch 351997, the MS/MSD exhibited sporadic recovery failures. All LCS/LCSD recoveries and RPDs were acceptable. This is attributed to matrix interference. bis(2-ethylhexyl)phthalate was detected in the 501252 MB and the associated samples.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2-CLP analysis for samples 20706132109 (SK-SW52-1022), 20706132110 (SK-MS-1022 (SW52)) and 20706132111 (SK-MSD-1022 (SW52)), these samples were re-extracted out of hold time due to MS/MSD failures; therefore both analysis are being reported.

In the OLM04.2 - CLP Pest/PCB analysis, sample 20706261017 (SK-SWD3-1022) exhibited low surrogate recoveries in the primary analysis. This sample was re-extracted and analyzed with a similar surrogate recovery. This is attributed to matrix interference.

In the OLM04.2 - CLP Pest/PCB analysis for prep batches 351999 and 353534, the MS/MSD exhibited recovery failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to matrix interference.

METALS

In the ILM04.1 - CLP Metals analysis the Sample/Duplicate RPD for Chromium, Cobalt, Thallium and Zinc for prep batch 352212 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 - CLP Metals analysis, Sodium is flagged as estimated for samples associated with prep batch 352211 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 207062610

THIS REPORT CONTAINS 633 PAGES.

Report Sample Summary

AL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20706261001	SK-SW50-1022	Water	06/25/2007 13:00	06/26/2007 09:50
20706261002	SK-FD-1022 (SW50)	Water	06/25/2007 13:00	06/26/2007 09:50
20706261003	SK-SW51-1022	Water	06/25/2007 14:15	06/26/2007 09:50
20706261004	TRIP BLANK SK-TB-1022	Water		06/26/2007 09:50
20706261005	VHBLK	Water		06/26/2007 09:50
20706261006	SK-SW50-1022 (DISS)	Water	06/25/2007 13:00	06/26/2007 09:50
20706261007	SK-FD-1022 (SW50) (DISS)	Water	06/25/2007 13:00	06/26/2007 09:50
20706261008	SK-SW51-1022 (DISS)	Water	06/25/2007 14:15	06/26/2007 09:50
20706261009	SK-SW52-1022	Water	06/26/2007 10:10	06/27/2007 10:05
20706261010	SK-MS-1022 (SW52)	Water	06/26/2007 10:15	06/27/2007 10:05
20706261011	SK-MSD-1022 (SW52)	Water	06/26/2007 10:20	06/27/2007 10:05
20706261012	SK-DUP-1022 (SW52)	Water	06/26/2007 10:20	06/27/2007 10:05
20706261013	SK-TB-1022	Water		06/27/2007 10:05
20706261014	SK-SW52-1022 (DISS)	Water	06/26/2007 10:10	06/27/2007 10:05
20706261015	SK-MS-1022 (DISS)	Water	06/26/2007 10:15	06/27/2007 10:05
20706261016	SK-DUP-1022 (DISS)	Water	06/26/2007 10:20	06/27/2007 10:05
20706261017	SK-SWD3-1022	Water	06/29/2007 15:10	06/30/2007 09:35
20706261018	TRIP BLANK	Water		06/30/2007 09:35
20706261019	SK-SWD3-1022 (DISS)	Water	06/29/2007 15:10	06/30/2007 09:35
20706261020	SK-SWD3-1022 (RE)	Water	06/29/2007 15:10	06/30/2007 09:35
20706261021	SK-SW52-1022 (RE)	Water	06/26/2007 10:10	06/27/2007 10:05
20706261022	SK-MS-1022 (SW52) RE	Water	06/26/2007 10:15	06/27/2007 10:05
20706261023	SK-MSD-1022 (SW52) RE	Water	06/26/2007 10:20	06/27/2007 10:05

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261001

Level: (low/med) Lab File ID: 2070702/c2823

% Moisture: not dec. Date Collected: 06/25/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1346

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261001

Level: (low/med) Lab File ID: 2070702/c2823

% Moisture: not dec. Date Collected: 06/25/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1346

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-SW50-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261001

Sample wt/vol: Units: Lab File ID: 2070702/c2823

Level: (low/med) Date Collected: 06/25/07 Time: 1300

% Moisture: not dec. Date Received: 06/26/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1346

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-FD-1022 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261002

Level: (low/med) Lab File ID: 2070702/c2824

% Moisture: not dec. Date Collected: 06/25/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1408

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-FD-1022 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261002

Level: (low/med) Lab File ID: 2070702/c2824

% Moisture: not dec. Date Collected: 06/25/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1408

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-1022 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261002

Sample wt/vol: Units: Lab File ID: 2070702/c2824

Level: (low/med) Date Collected: 06/25/07 Time: 1300

% Moisture: not dec. Date Received: 06/26/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1408

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-SW51-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261003

Level: (low/med) Lab File ID: 2070702/c2830

% Moisture: not dec. Date Collected: 06/25/07 Time: 1415

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1624

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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	7.1		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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW51-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261003

Level: (low/med) Lab File ID: 2070702/c2830

% Moisture: not dec. Date Collected: 06/25/07 Time: 1415

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1624

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-SW51-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261003

Sample wt/vol: Units: Lab File ID: 2070702/c2830

Level: (low/med) Date Collected: 06/25/07 Time: 1415

% Moisture: not dec. Date Received: 06/26/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1624

nstrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

TRIP BLANK SK-TB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261004

Level: (low/med) Lab File ID: 2070702/c2831

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1646

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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.

TRIP BLANK SK-TB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261004

Level: (low/med) Lab File ID: 2070702/c2831

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/26/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1646

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

Analytical Method: OLCO 2.1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	1.2	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.
TRIP BLANK SK-TB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261004

Sample wt/vol: Units: Lab File ID: 2070702/c2831

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/26/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1646

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-SW52-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261009

Level: (low/med) Lab File ID: 2070702/c2822

% Moisture: not dec. Date Collected: 06/26/07 Time: 1010

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/27/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-SW52-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261009

Level: (low/med) Lab File ID: 2070702/c2822

% Moisture: not dec. Date Collected: 06/26/07 Time: 1010

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/27/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-SW52-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261009

Sample wt/vol: Units: Lab File ID: 2070702/c2822

Level: (low/med) Date Collected: 06/26/07 Time: 1010

% Moisture: not dec. Date Received: 06/27/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1324

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261013

Level: (low/med) Lab File ID: 2070702/c2833

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/27/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1731

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-TB-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261013

Level: (low/med) Lab File ID: 2070702/c2833

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 06/27/07

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1731

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	1.2	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-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261013

Sample wt/vol: Units: Lab File ID: 2070702/c2833

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/27/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1731

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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-SWD3-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261017

Level: (low/med) Lab File ID: 2070702/c2834

% Moisture: not dec. Date Collected: 06/29/07 Time: 1510

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

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1753

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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	6.7		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-SWD3-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261017

Level: (low/med) Lab File ID: 2070702/c2834

% Moisture: not dec. Date Collected: 06/29/07 Time: 1510

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

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1753

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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-SWD3-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261017

Sample wt/vol: Units: Lab File ID: 2070702/c2834

Level: (low/med) Date Collected: 06/29/07 Time: 1510

% Moisture: not dec. Date Received: 06/30/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1753

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261018

Level: (low/med) Lab File ID: 2070702/c2835

% Moisture: not dec. Date Collected: Time:

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

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1816

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20706261018

Level: (low/med) Lab File ID: 2070702/c2835

% Moisture: not dec. Date Collected: Time:

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

Instrument ID: MSV7 Date Analyzed: 07/02/07 Time: 1816

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 352258

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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: Water Lab Sample ID: 20706261018

Sample wt/vol: Units: Lab File ID: 2070702/c2835

Level: (low/med) Date Collected: Time:

% Moisture: not dec. Date Received: 06/30/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 07/02/07 Time: 1816

Instrument ID: MSV7 Dilution Factor: 1 Analyst: DLB

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			

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LCW

% 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-SW50-1022

Contract:

Lab File ID: 2070702/b1931

Lab Sample ID: 20706261001

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1732

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

LIJ

FORM I SV-1

5/4/07 pm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW50-1022

Contract:

Lab File ID: 2070702/b1931

Lab Sample ID: 20706261001

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1732

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~1.84~~ 10.0	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	~~0.806~~ 10.0	J B	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW50-1022

Contract:

Lab File ID: 2070702/b1931

Lab Sample ID: 20706261001

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1732

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207062610
Matrix: Water
Sample wt/vol: 1000 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-SW50-1022
Contract:
Lab File ID: 2070702/b1931
Lab Sample ID: 20706261001
Date Collected: 06/25/07 Time: 1300
Date Received: 06/26/07
Date Extracted: 6/27/07
Date Analyzed: 07/02/07 Time: 1732
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SW3 A
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-09-2	Methylene Chloride	.381	.394	
2.	57-11-4	Octadecanoic acid	4.706	1.34	
3.		Unknown	.625	.437	
4.		Unknown	.65	1.1	
5.		Unknown	1.672	.269	
6.		Unknown	2.041	.21	
7.	542-92-7	1,3-Cyclopentadiene	2.152	.204	
8.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	.749	
9.		Unknown	2.793	.249	
10.	57-10-3	Hexadecanoic acid	4.229	1.16	

FORM I SV-TIC

9/4/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-1022 (SW50)

Contract:

Lab File ID: 2070702/b1932

Lab Sample ID: 20706261002

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1747

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/4/07 MN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-1022 (SW50)

Contract:

Lab File ID: 2070702/b1932

Lab Sample ID: 20706261002

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1747

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.0 ~~0.895~~	JB	0.010	10.0	U
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0	
86-74-8	Carbazole	10.0	U	0.010	10.0	
218-01-9	Chrysene	10.0	U	0.010	10.0	
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	
132-64-9	Dibenzofuran	10.0	U	0.010	10.0	
84-66-2	Diethylphthalate	C ~~0.688~~	J B	0.010	10.0	U
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0	
206-44-0	Fluoranthene	10.0	U	0.010	10.0	
86-73-7	Fluorene	10.0	U	0.010	10.0	
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0	
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0	
67-72-1	Hexachloroethane	10.0	U	0.010	10.0	
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	
78-59-1	Isophorone	10.0	U	0.010	10.0	
91-20-3	Naphthalene	10.0	U	0.010	10.0	
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0	
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0	
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0	
85-01-8	Phenanthrene	10.0	U	0.010	10.0	
108-95-2	Phenol	10.0	U	0.010	10.0	
129-00-0	Pyrene	10.0	U	0.010	10.0	
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0	

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-1022 (SW50)

Contract:

Lab File ID: 2070702/b1932

Lab Sample ID: 20706261002

Date Collected: 06/25/07 Time: 1300

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1747

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207062610
Matrix: Water
Sample wt/vol: 1000 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-1022 (SW50)
Contract:
Lab File ID: 2070702/b1932
Lab Sample ID: 20706261002
Date Collected: 06/25/07 Time: 1300
Date Received: 06/26/07
Date Extracted: 6/27/07
Date Analyzed: 07/02/07 Time: 1747
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SW
Analytical Method: ~~SW-846 8270C~~ OLMC4.2
Instrument ID: MSSV3

Number TICs Found : 10
CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.65	.674	
2.		Unknown	4.757	.26	
3.		Unknown	1.255	.478	
4.		Unknown	1.678	.223	
5.		Unknown	2.001	.307	
6.		Unknown	2.299	.249	
7.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	.772	
8.		Unknown	3.713	.376	
9.		Unknown	4.229	1.03	
10.	57-11-4	Octadecanoic acid	4.706	.838	

FORM I SV-TIC

9/4/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW51-1022

Contract:

Lab File ID: 2070702/b1933

Lab Sample ID: 20706261003

Date Collected: 06/25/07 Time: 1415

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1802

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

9/4/07 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW51-1022

Contract:

Lab File ID: 2070702/b1933

Lab Sample ID: 20706261003

Date Collected: 06/25/07 Time: 1415

Date Received: 06/26/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1802

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.0 ~~0.910~~	JB	0.010	10.0	u
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0	
86-74-8	Carbazole	10.0	U	0.010	10.0	
218-01-9	Chrysene	10.0	U	0.010	10.0	
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	
132-64-9	Dibenzofuran	10.0	U	0.010	10.0	
84-66-2	Diethylphthalate	~~0.510~~	J	0.010	10.0	u
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0	
206-44-0	Fluoranthene	10.0	U	0.010	10.0	
86-73-7	Fluorene	10.0	U	0.010	10.0	
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0	
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0	
67-72-1	Hexachloroethane	10.0	U	0.010	10.0	
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	
78-59-1	Isophorone	10.0	U	0.010	10.0	
91-20-3	Naphthalene	10.0	U	0.010	10.0	
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0	
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0	
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0	
85-01-8	Phenanthrene	10.0	U	0.010	10.0	
108-95-2	Phenol	10.0	U	0.010	10.0	
129-00-0	Pyrene	10.0	U	0.010	10.0	
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0	

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9/ 9/07

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207062610
Matrix: Water
Sample wt/vol: 1000 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-SW51-1022
Contract:
Lab File ID: 2070702/b1933
Lab Sample ID: 20706261003
Date Collected: 06/25/07 Time: 1415
Date Received: 06/26/07
Date Extracted: 06/27/07
Date Analyzed: 07/02/07 Time: 1802
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: OLMO 4.2
Instrument ID: MSSV3
Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW51-1022

Contract:

Lab File ID: 2070702/b1933

Lab Sample ID: 20706261003

Date Collected: 06/25/07 Time: 1415

Date Received: 06/26/07

Date Extracted: 6/27/07

Date Analyzed: 07/02/07 Time: 1802

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM 4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.335	.952	
2.	57-11-4	Octadecanoic acid	4.703	1.47	
3.	563-78-0	1-Butene, 2,3-dimethyl-	.381	1.08	
4.		Unknown	.65	1.03	
5.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	.869	
6.		Unknown	2.572	.736	
7.		Unknown	3.667	.626	
8.	13151-62-7	Vinylcyclooctane	4.189	1.11	
9.		Unknown	4.229	1.76	
10.	7704-34-9	Sulfur	4.496	1.72	

7/9/07 MR

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW52-1022

Contract:

Lab File ID: 2070702/b1934

Lab Sample ID: 20706261009

Date Collected: 06/26/07 Time: 1010

Date Received: 06/27/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1817

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

UJ

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW52-1022

Contract:

Lab File ID: 2070702/b1934

Lab Sample ID: 20706261009

Date Collected: 06/26/07 Time: 1010

Date Received: 06/27/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1817

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.0 ~~0.575~~	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

9/4/07 nr

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SW52-1022

Contract:

Lab File ID: 2070702/b1934

Lab Sample ID: 20706261009

Date Collected: 06/26/07 Time: 1010

Date Received: 06/27/07

Date Extracted: 06/27/07

Date Analyzed: 07/02/07 Time: 1817

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 351997 Analytical Batch: 352275

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207062610

Matrix: Water

Sample wt/vol: 100. 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-SW52-1022

Contract:

Lab File ID: 2070702/b1934

Lab Sample ID: 20706261009

Date Collected: 06/26/07 Time: 1010

Date Received: 06/27/07

Date Extracted: 6/27/07

Date Analyzed: 07/02/07 Time: 1817

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM 4.2 SOM

Analytical Method: ~~SW846 8270C~~ OLM 0 4.2

Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	1.961	2.22	
2.		Unknown	5.308	.823	
3.		Unknown	2.058	8.09	
4.		Unknown	2.251	12.5	
5.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.475	.594	
6.	1732-10-1	Nonanedioic acid, dimethyl est	3.094	.499	
7.	1731-84-6	Nonanoic acid, methyl ester	3.613	.605	
8.	112-39-0	Hexadecanoic acid, methyl este	4.141	3.29	
9.		Unknown	4.312	.634	
10.	112-61-8	Octadecanoic acid, methyl este	4.624	3.08	

9/4/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SWD3-1022

Contract:

Lab File ID: 2070711/b2297

Lab Sample ID: 20706261017

Date Collected: 06/29/07 Time: 1510

Date Received: 06/30/07

Date Extracted: 07/02/07

Date Analyzed: 07/11/07 Time: 1211

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 352304 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 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-SWD3-1022

Contract:

Lab File ID: 2070711/b2297

Lab Sample ID: 20706261017

Date Collected: 06/29/07 Time: 1510

Date Received: 06/30/07

Date Extracted: 07/02/07

Date Analyzed: 07/11/07 Time: 1211

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 352304 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	JCC ~~0.534~~	J	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

FORM I SV-1

9/4/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207062610

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LCW

% 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-SWD3-1022

Contract:

Lab File ID: 2070711/b2297

Lab Sample ID: 20706261017

Date Collected: 06/29/07 Time: 1510

Date Received: 06/30/07

Date Extracted: 07/02/07

Date Analyzed: 07/11/07 Time: 1211

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 352304 Analytical Batch: 352860

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

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.: 207062610
Matrix: Water
Sample wt/vol: 1000 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-SWD3-1022
Contract:
Lab File ID: 2070711/b2297
Lab Sample ID: 20706261017
Date Collected: 06/29/07 Time: 1510
Date Received: 06/30/07
Date Extracted: 7/2/07
Date Analyzed: 07/11/07 Time: 1211
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SW846
Analytical Method: ~~SW-846-8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 10

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-09-2	Methylene Chloride	.611	2.31	
2.	57-10-3	Hexadecanoic acid	4.005	1.24	
3.		Unknown	1.329	.219	
4.	99328-46-8	5-Methyl-1-hepten-4-ol	1.621	.416	
5.		Unknown	1.936	.227	
6.		Unknown	1.973	.252	
7.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.254	1.18	
8.		Unknown	2.328	.609	
9.		Unknown	2.356	.258	
10.		Unknown	2.941	.433	

9/4/07 ASL

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2070711.s.b/b2297.d
Lab Smp Id: 20706261017 Client Smp ID: 20706261017
Inj Date : 11-JUL-2007 12:11
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 20706261017*4342*
Misc Info : 20706261017*MSSV~4450~*062610*1000-1*352304*
Comment :
Method : /var/chem/MSSV3.i/2070711.s.b/CLP4.2_02.m.m
Meth Date : 11-Jul-2007 12:58 jar3 Quant Type: ISTD
Cal Date : 11-JUL-2007 09:55 Cal File: b2291.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	2.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
$ 1 2-Fluorophenol	112	0.392	0.395	(0.539)	89026	87.8750	43.9
$ 3 Phenol-d5	99	0.639	0.642	(0.879)	187765	86.6901	43.3
$ 6 2-Chlorophenol-d4	132	0.651	0.650	(0.895)	85812	93.2356	46.6(A)
* 8 1,4-Dichlorobenzene-d4	115	0.727	0.730	(1.000)	29427	40.0000	
$ 9 1,2-Dichlorobenzene-d4	152	0.792	0.795	(1.090)	59866	58.5238	29.3(A)
$ 16 Nitrobenzene-d5	82	1.085	1.088	(0.683)	769803	62.6682	31.3
* 23 Naphthalene-d8	136	1.587	1.590	(1.000)	461718	40.0000	
$ 33 2-Fluorobiphenyl	172	2.308	2.308	(0.861)	491684	64.0963	32.0
* 41 Acenaphthene-d10	164	2.680	2.683	(1.000)	244114	40.0000	
$ 53 2,4,5-Tribromophenol	332	3.160	3.159	(1.179)	171360	139.072	69.5
* 58 Phenanthrene-d10	188	3.551	3.554	(1.000)	410174	40.0000	
$ 65 Terphenyl-d14	244	4.533	4.530	(0.887)	700788	65.0089	32.5
* 69 Chrysene-d12	240	5.112	5.115	(1.000)	517302	40.0000	

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 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: 351999 Analytical Batch: 353531
CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1022
Contract:
SAS No.: SDG No.: 207062610
Lab Sample ID: 20706261001
Date Collected: 06/25/07 Time: 1300
Date Received: 06/26/07
Date Extracted: 06/27/07
Date Analyzed: 07/16/07 Time: 2015
Dilution Factor: 1 Analyst: TLS
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
Lab File ID: 2070713b/sv15a043

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SK-FD-1022 (SW50)
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207062610
Sample wt/vol: 1000 Units: mL
Lab Sample ID: 20706261002
Level: (low/med) LOW
Date Collected: 06/25/07 Time: 1300
% Moisture: decanted: (Y/N)
Date Received: 06/26/07
GC Column: ID: (mm)
Date Extracted: 06/27/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 07/16/07 Time: 2033
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 351999 Analytical Batch: 353531
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
CONCENTRATION UNITS: ug/L
Lab File ID: 2070713b/sv15a044

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 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: 351999 Analytical Batch: 353531
CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1022
Contract:
SAS No.: SDG No.: 207062610
Lab Sample ID: 20706261003
Date Collected: 06/25/07 Time: 1415
Date Received: 06/26/07
Date Extracted: 06/27/07
Date Analyzed: 07/16/07 Time: 2052
Dilution Factor: 1 Analyst: TLS
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
Lab File ID: 2070713b/sv15a045

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 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: 351999 Analytical Batch: 353531

Sample ID: SK-SW52-1022
Contract:
SAS No.: SDG No.: 207062610
Lab Sample ID: 20706261009
Date Collected: 06/26/07 Time: 1010
Date Received: 06/27/07
Date Extracted: 06/27/07
Date Analyzed: 07/16/07 Time: 2110
Dilution Factor: 1 Analyst: TLS
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
Lab File ID: 2070713b/sv15a046

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.100	U	0.000100	0.100
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100
309-00-2	Aldrin	0.050	U	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	U	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	U	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	U	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	U	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 950 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: 352330 Analytical Batch: 353531
CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD3-1022
Contract:
SAS No.: SDG No.: 207062610
Lab Sample ID: 20706261017
Date Collected: 06/29/07 Time: 1510
Date Received: 06/30/07
Date Extracted: 07/03/07
Date Analyzed: 07/16/07 Time: 1900
Dilution Factor: 1 Analyst: TLS
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS15A
Lab File ID: 2070713b/sv15a039

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.105	U	0.000105	0.105
72-55-9	4,4'-DDE	0.105	U	0.000105	0.105
50-29-3	4,4'-DDT	0.105	U	0.000105	0.105
309-00-2	Aldrin	0.053	U	0.000105	0.053
12674-11-2	Aroclor-1016	1.05	U	0.000105	1.05
11104-28-2	Aroclor-1221	2.11	U	0.000105	2.11
11141-16-5	Aroclor-1232	1.05	U	0.000105	1.05
53469-21-9	Aroclor-1242	1.05	U	0.000105	1.05
12672-29-6	Aroclor-1248	1.05	U	0.000105	1.05
11097-69-1	Aroclor-1254	1.05	U	0.000105	1.05
11096-82-5	Aroclor-1260	1.05	U	0.000105	1.05
60-57-1	Dieldrin	0.105	U	0.000105	0.105
959-98-8	Endosulfan I	0.053	U	0.000105	0.053
33213-65-9	Endosulfan II	0.105	U	0.000105	0.105
1031-07-8	Endosulfan sulfate	0.105	U	0.000105	0.105
72-20-8	Endrin	0.105	U	0.000105	0.105
7421-93-4	Endrin aldehyde	0.105	U	0.000105	0.105
53494-70-5	Endrin ketone	0.105	U	0.000105	0.105
76-44-8	Heptachlor	0.053	U	0.000105	0.053
1024-57-3	Heptachlor epoxide	0.053	U	0.000105	0.053
72-43-5	Methoxychlor	0.526	U	0.000105	0.526
8001-35-2	Toxaphene	5.26	U	0.000105	5.26
319-84-6	alpha-BHC	0.053	U	0.000105	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.000105	0.053
319-85-7	beta-BHC	0.053	U	0.000105	0.053
319-86-8	delta-BHC	0.053	U	0.000105	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.000105	0.053
5103-74-2	gamma-Chlordane	0.053	U	0.000105	0.053

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FORM I ORG-1

U.S. EPA - CLP
COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

SOW No.:

EPA Sample No.	*Lab Sample ID.*
SK-SW50-1022	20706261001
SK-FD-1022 (SW50)	20706261002
SK-SW51-1022	20706261003
SK-SW50-1022 (DISS)	20706261006
SK-FD-1022 (SW50) (DISS)	20706261007
SK-SW51-1022 (DISS)	20706261008
SK-SW52-1022	20706261009
SK-MS-1022 (SW52)	20706261010
SK-DUP-1022 (SW52)	20706261012
SK-SW52-1022 (DISS)	20706261014
SK-MS-1022 (DISS)	20706261015
SK-DUP-1022 (DISS)	20706261016
SK-SWD3-1022	20706261017
SK-SWD3-1022 (DISS)	20706261019

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:: 7-23-07 Title: Metals Supervisor

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50-1022

Lab Name: GCAL

Contract:

Lab Code: LA024

Case No.:

SAS No.:

SDG No.: 207062610

Matrix: (soil / water) Water

Lab Sample ID: 20706261001

Level: (low / med)

Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	43.9	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	71900			P
7440-47-3	Chromium	1.0	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.8	B		P
7439-89-6	Iron	35.1	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	21900			P
7439-96-5	Manganese	6.5	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	2.9	B		P
7440-09-7	Potassium	3020	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	41300		E	P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	7.6	B		P
7440-66-6	Zinc	3.1	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:

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

EPA SAMPLE NO.

SK-FD-1022 (SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261002

Level: (low / med) Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	44.5	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	75200			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.1	B		P
7439-89-6	Iron	38.6	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	22900			P
7439-96-5	Manganese	7.1	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3160	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	43400		E	P
7440-28-0	Thallium	2.6	B		P
7440-62-2	Vanadium	8.3	B		P
7440-66-6	Zinc	2.0	B		P
57-12-5	Cyanide	0.6	U		AS

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

7/10/07 MC

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW51-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261003

Level: (low / med) Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	39.5	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	69300			P
7440-47-3	Chromium	1.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.9	B		P
7439-89-6	Iron	64.4	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	22200			P
7439-96-5	Manganese	20.9			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3190	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	41700		E	P
7440-28-0	Thallium	1.9	B		P
7440-62-2	Vanadium	8.9	B		P
7440-66-6	Zinc	8.2	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:

FORM I - IN ILM04.1

9/10/07

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261006

Level: (low / med) Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	45.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	74800			P
7440-47-3	Chromium	1.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.1	B		P
7439-89-6	Iron	9.3	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	22900			P
7439-96-5	Manganese	13.7	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3130	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	42400		E	P
7440-28-0	Thallium	3.0	B		P
7440-62-2	Vanadium	9.7	B		P
7440-66-6	Zinc	3.1	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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9/10/07 MK

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-FD-1022 (SW50) (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261007

Level: (low / med) Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	41.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	69200			P
7440-47-3	Chromium	1.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.1	B		P
7439-89-6	Iron	12.2	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	21500			P
7439-96-5	Manganese	6.0	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	2920	B		P
7782-49-2	Se enium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	39900		E	P
7440-28-0	Thallium	3.3	B		P
7440-62-2	Vanadium	6.9	B		P
7440-66-6	Zinc	2.1	B		P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/07

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW51-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261008

Level: (low / med) Date Received: 06/26/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	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	68700			P
7440-47-3	Chromium	1.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.8	B		P
7439-89-6	Iron	12.6	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	22300			P
7439-96-5	Manganese	22.4			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.6	B		P
7440-09-7	Potassium	3230	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	42800		E	P
7440-28-0	Thallium	2.7	B		P
7440-62-2	Vanadium	5.9	B		P
7440-66-6	Zinc	5.4	B		P

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

9/10/07 MK

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW52-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261009

Level: (low / med) Date Received: 06/27/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	139	B		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	50.2	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	1.3	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	4.3	B		P
7439-89-6	Iron	341			P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	22700			P
7439-96-5	Manganese	43.7			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3250	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	44100		E	P
7440-28-0	Thallium	4.5	B		P
7440-62-2	Vanadium	6.8	B		P
7440-66-6	Zinc	6.9	B		P
57-12-5	Cyanide	0.6	U		AS

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9/10/09 MR

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW52-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261014

Level: (low / med) Date Received: 06/27/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	47.4	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	74700			P
7440-47-3	Chromium	1.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	3.9	B		P
7439-89-6	Iron	8.5	U		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	21700			P
7439-96-5	Manganese	21.4			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	3070	B		P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	41800		E	P
7440-28-0	Thallium	1.9	B		P
7440-62-2	Vanadium	8.9	B		P
7440-66-6	Zinc	2.3	B		P

J

Color Before: CCLORLESS Clarity Before: CLEAR Texture:

Color After: CCLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

7/a/07 MI

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD3-1022

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261017

Level: (low / med) Date Received: 06/30/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	194	B		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	30.2	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	90300			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	5.3	B		P
7439-89-6	Iron	376			P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	20600			P
7439-96-5	Manganese	22.3			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	5900			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	12100		E	P
7440-28-0	Thallium	3.2	B		P
7440-62-2	Vanadium	6.4	B		P
7440-66-6	Zinc	2.0	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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7/10/07 MR

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD3-1022 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207062610

Matrix: (soil / water) Water Lab Sample ID: 20706261019

Level: (low / med) Date Received: 06/30/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15.4	U		P
7440-36-0	Antimony	2.4	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	29.7	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	91400			P
7440-47-3	Chromium	1.0	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	5.4	B		P
7439-89-6	Iron	8.5	U		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	21100			P
7439-96-5	Manganese	10.7	B		P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	U		P
7440-09-7	Potassium	5970			P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	12400		E	P
7440-28-0	Thallium	3.1	B		P
7440-62-2	Vanadium	6.1	B		P
7440-66-6	Zinc	2.8	B		P

J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

9/1/07 MN

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	4372	20700261U	7-10-07

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: Glenn Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 2nd Qtr 2007
Sampled By: 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	6/25/07	1300		X	SK-SW50-1022	HCL, HNO3, NA2S2O3	10	X	X	X	X	X	X	X	Refer to table 7	1
W	↓	1300		X	SK-FD-1022 (SW50)		10	X	X	X	X	X	X	X	of O&M LTTP qa	2
W	↓	1415		X	SK-SW51-1022	↓	10	X	X	X	X	X	X	X	for comlete list	3
					Trip Blank: SK-TB-1022	HCL/NA2S2O3	3							X	of analytes	4
															LMSK	5

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEx	6/25/07	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	[illegible]	6-26-07	9:5
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.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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

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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	20:0062610	7.10.07

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 Qtr 2007
Sampled By: ~~Roger Huth~~ Michael J. Papp

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
W	6/6/07	1300		X	SK-SW50-1022	HCL, HNO_3, $Na_2S_2O_3$	10	X	X	X	X	X	X	X	Refer to table 7	1
W	↓	1300		X	SK-FD-1022(SW50)	↓	10	X	X	X	X	X	X	X	of O&M LTTP &	2
W	↓	1415		X	SK-SW51-1022	↓	10	X	X	X	X	X	X	X	for complete list	3
															of analytes	4
															VHBK	5

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEX	6/25/07	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	MK	6.26.07	950
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Dissolved Metals field filtered.

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Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

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Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	20706260	7-1-07

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 Qtr 2007
Sampled By: ~~Roger Huth~~ Michael J. Papp

Analytical Requests & Method

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

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	6/26/07	1010		X	SK-SW52-1022	HCL, HNO_3, NaOH, $Na_2S_2O_3$	10	X	X	X	X	X	X	X	Refer to table 7	9
W	↓	1015		X	SK-MS-1022 (SW52)	↓	10	X	X	X	X	X	X	X	of O&M LTTP 98	10
W	↓	1020		X	SK-MSD-1022 (SW52)	↓	10	X	X	X	X	X	X	X	for complete list	11, 12
															of analytes	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FEDEX	6/26/07	1200
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	ML	6/27	1005
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Dissolved Metals field filtered.

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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	[illegible]	7-11-07

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 Qtr 2007
Sampled By: ~~Roger Huth~~ 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			D.S	S	Remarks:	Lab ID
W	6/26/07	1010		X	SK-SW52-1022	HCL HNO3 Na2S2O3	10	X	X	X	X	X	X	X			14		Refer to table 7	9
W	↓	1015		X	SK-MS-1022 (SW52)	↓	10	X	X	X	X	X	X	X			15		of O&M LTTP	10
W	↓	1020		X	SK-MSD-1022 (SW52)	↓	10	X	X	X	X	X	X	X			16		for complete list	11, 12
W					SK-TB-1022	HCL Na2S2O3	3							X					of analytes	13

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael J. Papp	FedEX	6/26/07	1200
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	[illegible]	6-27-07	1004
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

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GGAL 06 11 98

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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	207062610	7-0-07

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: Glenn Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 2nd Qtr 2007
Sampled By: Roger Huth

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		D.S	Remarks:	Lab ID
W	6/29/07	1510		X	SK-SWD3-1022	HCl/HNO3 H2SO4 NaOH NaS2O3	10	X	X	X	X	X	X	X		19	Refer to table 7	17
					Trip Blank												of O&M LTTP 48	18
																	for complete list	
																	of analytes	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Michael A. Page	xfedEx	6/29/07	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	[illegible]	6-30-07	935
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	7-2-07	625

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

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