EPA Region 5 Records Ctr.
323236

REMEDIAL ACTION QUARTERLY MONITORING REPORT

FOURTH QUARTER – 2007 (18 of 120)

SKINNER LANDFILL SITE BUTLER COUNTY WEST CHESTER, OHIO

Prepared for:

Skinner Landfill Work Group
c/o Rob Rouse
Remediation Leader
The Dow Chemical Company
1803 Building
Midland, MI 48674 USA

Prepared by:

Earth Tech, Inc.
2373 Progress Drive
Hebron, KY 41048

EarthTech
A tyco International Ltd. Company

TABLE OF CONTENTS

EarthTech

A tyco International Ltd. Company

Page

1.0 INTRODUCTION **1**
1.1 General Information 1
1.2 Site Location and Description 1
1.3 Site History and Background 1
2.0 SAMPLING METHODS **2**
3.0 RESULTS **2**
3.1 Groundwater Levels 2
3.2 Groundwater-Waste Monitoring 3
3.3 Groundwater Analytical Results 3
3.4 Surface Water Analytical Results 3
3.5 General Site Observations 3

FIGURES

Site Vicinity Map 1

TABLES

Groundwater Elevation Summary 1
Groundwater-Waste Monitoring Summary 2
Groundwater Test Results Summary 3
Surface Water Test Results Summary 4

APPENDICES

Appendix

POTENTIONMETRIC SURFACE MAP ..... A

SUMMARY OF ANALYTICAL RESULTS ..... B

Groundwater Monitoring Wells
Creek Surface Water Sampling Locations
Run Off Surface Water Sampling Locations

VALIDATED LABORATORY ANALYTICAL RESULTS C

PHOTOGRAPHS ..... D

LIST OF ACRONYMS

LIST OF ACRONYMS

EarthTech
A tyco International Ltd. Company

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 fourth quarter of 2007, which is the 18th of 120 quarterly sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

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

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

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

1.3 SITE HISTORY AND BACKGROUND

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

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the

site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

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

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

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

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

2.0 SAMPLING METHODS

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

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

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes is presented on Table 1 with the corresponding potentiometric surface map provided in Appendix A. The groundwater hydraulic gradient calculated from data collected was 0.09 ft/ft. The average hydraulic gradient documented in the Remedial Action Baseline Monitoring Report, dated March 2005, is calculated to be 0.13 ft/ft.

3.2 GROUNDWATER-WASTE MONITORING

Historic data for piezometers P-9R to P-12R and results of the piezometer groundwater levels obtained this quarter are provided on Table 2. Based on measured water levels, the groundwater level continues to be below the waste elevation at piezometer P-12R. Water levels have also decreased since the last quarter at P-10R and P-11R.

3.3 GROUNDWATER ANALYTICAL RESULTS

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

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL.

One of the 24 TAL parameters that have corresponding trigger levels was detected above the CRQL. Concentrations of iron were detected in four of the eleven monitoring wells. The 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 surface of the East Fork of Mill Creek and three landfill cap runoff samples.

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

Target compound list volatiles, 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.

3.5 GENERAL SITE OBSERVATIONS

This section provides a description of observations made in or around the 16-acre fenced area during the sampling quarter associated with other activity which may impact the project site. On October 11, 2007, Earth Tech personnel observed the presence of multiple large boxes of broken glass stored adjacent to the fence near Gate #1. Photographs were taken, 12 of which, are provided in Appendix D. Each box appears to be lined with a thin plastic sack.

FIGURES

FIGURES

EarthTech

A tyco International Ltd. Company

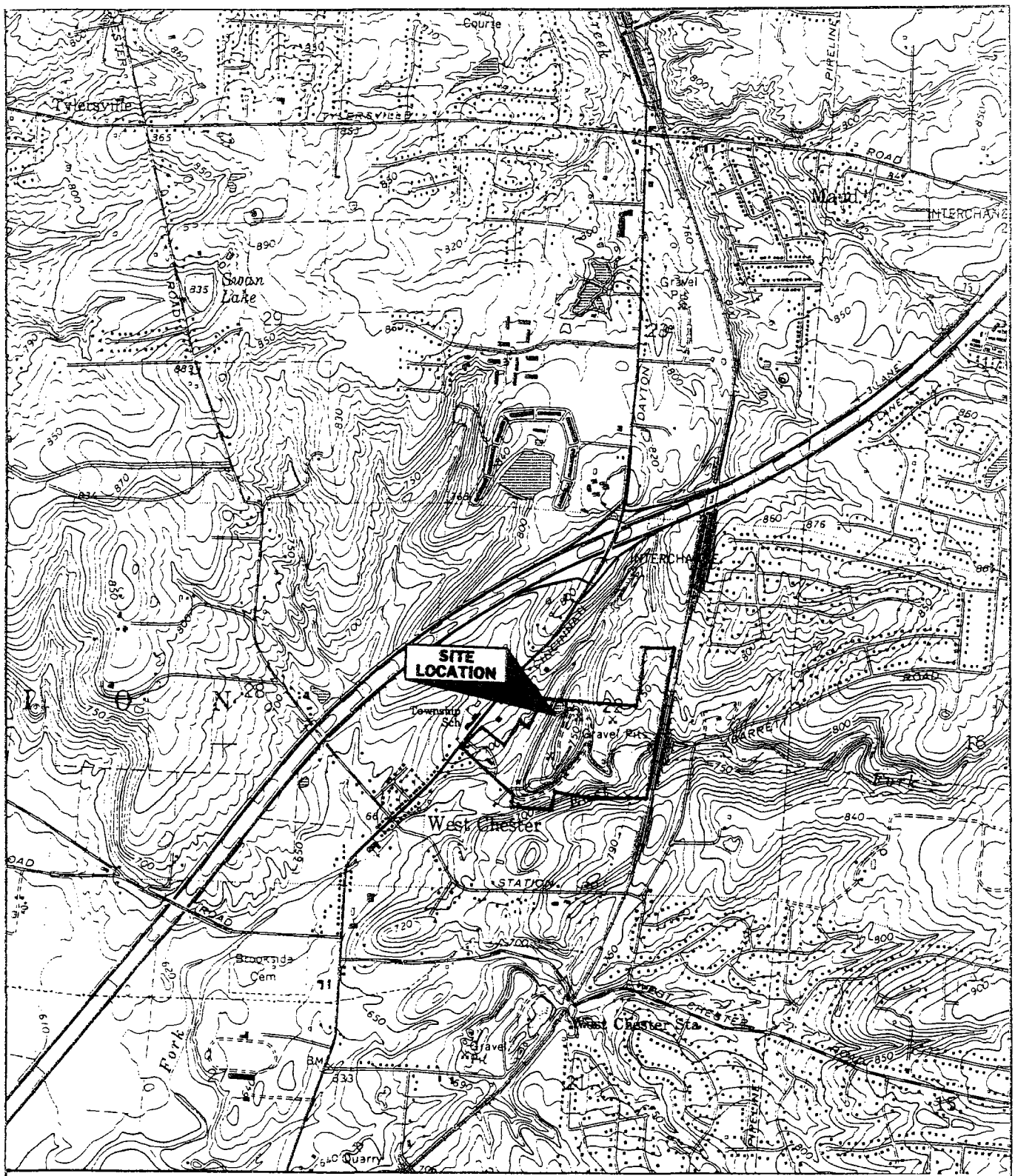
FIGURE 1

SITE VICINITY MAP

EarthTech

A tyco International Ltd. Company

FIGURE 1



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

0 2000
FEET

EARTH TECH

N

SKINNER LANDFILL

SITE VICINITY MAP

BUTLER COUNTY, OHIO

TABLES

EarthTech

A tyco International Ltd. Company

TABLES

TABLE 1

TABLE 1

GROUNDWATER ELEVATIONS

EarthTech

A tyco International Ltd. Company

TABLE 1

Groundwater Elevation Summary

Skinner Landfill
West Chester, Ohio

Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	December 17, 2007 Depth to Water (feet from top of casing)	December 17, 2007 Groundwater Elevation (MSL-feet)
Piezometers	P-1	G	685.42	687.65	7.95	679.70
	P-2	G	688.54	690.42	13.99	676.43
	P-3R	G	691.83	693.69	25.96	667.73
	P-4	G	700.32	702.63	5.97	696.66
	P-5	G	708.20	710.65	15.31	695.34
	P-6	G	707.45	710.59	11.54	699.05
	P-7	G	719.08	721.83	Dry	Dry
	P-8	G	747.70	749.91	30.36	719.55
	P-9R	G	760.12	763.58	18.22	745.36
	P-10R	G	761.87	765.84	28.92	736.92
	P-11R	G	760.39	763.38	32.25	731.13
	P-12R	G	750.11	753.60	39.29	714.31
Groundwater Monitoring Wells	GW-06R	S	683.89	685.91	7.16	678.75
	GW-07R	S	683.46	683.06	4.06	679.00
	GW-24	G	693.32	695.21	18.55	676.66
	GW-26	G	696.61	698.28	29.58	668.70
	GW-30	G	675.63	677.62	10.13	667.49
	GW-58	S	684.03	686.53	14.03	672.50
	GW-59	S	684.35	687.38	5.80	681.58
	GW-60	S	689.12	692.38	4.70	687.68
	GW-61	S	687.38	690.86	13.06	677.80
	GW-62A	S	690.19	692.38	26.12	666.26
	GW-62B	S	690.57	693.13	11.26	681.87
	GW-63	S	698.87	702.50	6.21	696.29
	GW-64	S	700.45	703.88	11.10	692.78
	GW-65	S	703.83	706.88	14.03	692.85
	GW-66	G	686.82	689.41	5.29	684.12
Gas Probes	GP-6	G	772.18	774.65	12.33	762.32
	GP-7	G	749.83	752.65	8.86	743.79

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

EarthTech

A tyco International Ltd. Company

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
	04-Sep-07	736.49	737.73	733.49	712.61	3rd Q 2007
	17-Dec-07	745.36	736.92	731.13	714.31	4th Q 2007

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

EarthTech

A tyco International Ltd. Company

TABLE 3

TABLE 3

Groundwater Test Results Summary

Skinner Landfill
West Chester, Ohio
Fourth Quarter 2007

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
GW-06R	—	—	*Iron*	—
GW-07R	—	—	*Iron*	—
GW-58	—	—	—	—
GW-59	—	—	—	—
GW-60	—	—	—	—
GW-61	—	—	*Iron*	—
GW-62A	—	—	*Iron*	—
GW-62B	—	—	*	—
GW-63	—	—	—	—
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)			

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

TABLE 4

SURFACE WATER RESULTS SUMMARY

EarthTech

A tyco International Ltd. Company

TABLE 4

TABLE 4

Surface Water Test Results Summary

Skinner Landfill
West Chester, Ohio
Fourth Quarter 2007

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

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

APPENDIX A

POTENTIONMETRIC SURFACE MAP

EarthTech

A tyco International Ltd. Company

APPENDIX A

SDMS US EPA Region V

Imagery Insert Form

Some images in this document may be illegible or unavailable in SDMS.
Please see reason(s) indicated below:

☐ Illegible due to bad source documents. Image(s) in SDMS is equivalent to hard copy.

Specify Type of Document(s) / Comments:

☐ Includes ___ COLOR or RESOLUTION variations.
Unless otherwise noted, these pages are available in monochrome. The source document page(s) is more legible than the images. The original document is available for viewing at the Superfund Records Center.

Specify Type of Document(s) / Comments:

☐ Confidential Business Information (CBI).
This document contains highly sensitive information. Due to confidentiality, materials with such information are not available in SDMS. You may contact the EPA Superfund Records Manager if you wish to view this document.

Specify Type of Document(s) / Comments:

☒ Unscannable Material:
Oversized __X__ or ___ Format.
Due to certain scanning equipment capability limitations, the document page(s) is not available in SDMS.

Specify Type of Document(s) / Comments:

Appendix A – Figure 1, Potentiometric Contour Map – December 17, 2007

☐ Document is available at the EPA Region 5 Records Center.

Specify Type of Document(s) / Comments:

APPENDIX B

APPENDIX B

SUMMARY OF ANALYTICAL RESULTS

EarthTech

A tyco International Ltd. Company

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
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]												
Aluminum	16.4	12.5	16.4	14.8	14.8	14.8	29.1	14.4 U	15.4 U	15.4 U		200
Antimony	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	60	60
Arsenic	4.2	3.5	3.8	4.0	4.3	4.0 UJ	5.3	4.0 B	4.0 U	2.4 U	20	10
Barium	**205**	168	161 J	**212**	**220**	**227**	**214**	**266**	**219** J	144 B	1,000	200
Beryllium	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	172,000	194,000	203,000	175,000	213,000	192,000	200,000	182,000	166,000	214,000		5,000
Chromium	1.4	4.6	1.3	2.1	2.1	4.2	3.9	1.5 B	1.8 B	2.1 B	11	10
Cobalt	0.6	4.6	1.9	1.2	8.3	2.2	0.4	0.20 U	0.40 B	3.90 B		50
Copper	0.70	0.80	0.70	1.4	1.4	1.4	0.7	3.2 B	2.1 B	4.6 B	25	25
Iron	27.4	**442** J	53.9	**193**	**5,690**	**1,370**	**658**	**228**	**358**	**139**	7,000	100
Lead	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	0.90 B	0.80 U	4.2	3
Magnesium	28,300	36,400	33,800	30,400	41,900	33,600 J	34,700	32,500	29,100	35,500		5,000
Manganese	147	662	155 J	275	2130 J	325	144	175	262	364		15
Mercury	0.10	0.10 J	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	1.1	2.3	0.60	0.60	4.20	0.50	0.80	0.80 B	0.60 B	2.2 B	96	40
Potassium	2,710 J	3,040	2,390 J	2,420	3,820	2,440	2,250 J	2,400 B	2,520 B	2,710 J		5,000
Selenium	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	5
Silver	2.9	0.60	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	10	10
Sodium	20,300	23,900	25,800	19,300	26,900	19,600	23,700	17,000 J	17,800	22,400		5,000
Thallium	4.1 UJ	5.7	4.1	2.6	2.6	2.6	3.1	2.8 B	2.9 B	1.7 U	40	10
Vanadium	6.6	1.6	2.5	1.2	22.2	1.2	9.4	12.0 B	7.6 B	11.0 J		50
Zinc	1.1	9.6	3.3	0.70	0.70	0.70	1.1	12.3 B	10.8 B	7.5 J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	27,800 J	5,730	2,950	5,720 J	1,600	2,190	20,100 J	3,790 J	3,720 J	2,670		
Antimony	4.0 UJ	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ		
Arsenic	64.7	8.7	15.2	6.3	10.5	4.0 UJ	5.3	7.5 B	2.5 U	2.4 U		
Barium	626	250	229	329	241	263	526	352	283 J	183 B		
Beryllium	2.6	0.40	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.60	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	562,000	251,000	223,000	210,000	238,000	210,000	456,000	218,000	210,000	240,000		
Chromium	63.8 J	15.9	8.1	11.9 J	5.4	7.9	45.1	9.6 J	8.5 B	7.9 J		
Cobalt	48.5	12.3	5.2	9.0	10.9	4.1	24.0	4.5 B	3.7 B	5.0 B		
Copper	113.0	15.2 J	6.8 J	4.1	1.4	6.8	93.7 J	15.4 J	14.4 B	0.70 J		
Cyanide	1.0	0.60	0.60	0.60	0.60	0.70	0.90	0.60 U	3.5 B	0.60 U	10	10
Iron	84,300	15,800	7,810	15,100	10,400	6,920	45,700	9,620	9,420 J	8,000		
Lead	67.5	14.4	3.5 J	12.8	8.0 J	5.6	65.4 J	12.1 J	12.3	5.9 J		
Magnesium	194,000	61,600	41,300	47,400	53,800	39,500	136,000	46,300	48,200	50,100		
Manganese	5,230	1,340	516	1,050	2,440	422 J	3,490	421	482 J	410		
Mercury	0.10	0.30 J	0.10 UJ	0.10	0.10	0.10	0.10	0.10 UJ	0.10 U	0.10 U		
Nickel	67.5	14.6 J	6.1 J	11.5	8.0	3.7	42.3	9.0 B	8.4 B	7.1 J		
Potassium	7,920 J	4,380	3,230 J	3,700 J	4,300	2,800	5,890 J	3,360 J	3,270 J	3,240 B		
Selenium	3.9	3.0	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ		
Silver	12.6 J	0.60	1.1	1.0 UJ	1.3	1.0	2.1	0.30 U	0.30 U	0.30 U		
Sodium	23,300	24,900	25,200 J	19,500	28,200	20,400	26,400	18,000	18,300 J	22,400		
Thallium	4.1 UJ	5.2	4.6	2.6 UJ	2.6 UJ	2.6	3.1	1.8 B	2.1 B	1.7 U		
Vanadium	75.0 J	1.6	9.5	1.2	30.5	1.2	84.8	21.1 J	20.4 B	17.1 J		
Zinc	237 J	61.0 J	22.6 J	36.4 J	16.7	16.7	200.0 J	47.4	40.8	25.6 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]	Insufficient Volume	Insufficient Volume							Insufficient Volume			
Aluminum	—	—	16.4	14.8	14.8	14.8	51.1	15.4 U	—	15.4 U		200
Antimony	—	—	4.0	4.0	4.0	4.0	4.1	2.4 U	—	2.4 U	60	60
Arsenic	—	—	5.0	4.0	4.0	4.0 UJ	5.3	2.4 U	—	2.4 U	20	10
Barium	—	—	94.0 J	138.0	65.2	109.0	90.0	92.6 B	—	62.8 B	1,000	200
Beryllium	—	—	0.10	0.50	0.50	0.50	0.10	0.10 U	—	0.10 U	5	5
Cadmium	—	—	0.10	0.10	0.10	0.10	0.10	0.10 U	—	0.10 U	5	5
Calcium	—	—	172,000	190,000	383,000	209,000	203,000	206,000	—	207,000		5,000
Chromium	—	—	1.8	1.3	2.9	3.5	4.4	1.4 B	—	1.9 B	11	10
Cobalt	—	—	2.3	1.2	11.7	2.4	1.6	0.20 U	—	1.8 B		50
Copper	—	—	0.70	1.4	1.4	1.4	0.70	3.4 B	—	4.1 B	25	25
Iron	—	—	**1680**	12.9	**3950**	**1290**	**2870**	44.2 B	—	**231**	7,000	100
Lead	—	—	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	—	0.80 U	4.2	3
Magnesium	—	—	25,100	29,900	61,100	32,400	31,600	33,200	—	29,600		5,000
Manganese	—	—	600 J	2,090	4,730 J	1,450 J	1,240	646	—	271		15
Mercury	—	—	0.10	0.10	0.10	0.10 UJ	0.10	0.10 U	—	0.10 U	0.2	0.2
Nickel	—	—	1.4	4.2	13.4	1.8	0.80	1.9 B	—	1.0 B	96	40
Potassium	—	—	1,780 J	2,610	4,330	2,830	1,860 J	2,290 B	—	1,590 J		5,000
Selenium	—	—	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	—	3.9 R	8.5	5
Silver	—	—	1.1	1.0 UJ	1.3	1.0	2.1	0.30 U	—	0.30 U	10	10
Sodium	—	—	26,700	28,300	47,400	33,100	25,200	23,000 J	—	18,600		5,000
Thallium	—	—	6.3	2.6	2.6	2.6	3.1	5.0 B	—	1.7 U	40	10
Vanadium	—	—	1.8	1.2	26.0	1.2	8.3	13.2 B	—	9.3 J		50
Zinc	—	—	1.1	0.70	0.70	6.6	1.1	10.0 B	—	10.9 J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	4,030	8,110 J	5,220	3,950	1,270 J	4,680 J	—	4,210		
Antimony	—	—	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	—	2.4 UJ		
Arsenic	—	—	21.8	9.6	7.0	4.0 UJ	5.3	10.5	—	3.0 B		
Barium	—	—	185	388	273	241	131	292	—	178 B		
Beryllium	—	—	0.10	0.50	0.50	0.50	0.10	0.10 U	—	0.10 U		
Cadmium	—	—	0.10	0.10	0.10	0.10	0.10	0.10 U	—	0.10 U		
Calcium	—	—	197,000	248,000	444,000	229,000	214,000	232,000	—	229,000		
Chromium	—	—	8.7	12.8 J	10.8	8.5	7.0	9.4 J	—	9.0 J		
Cobalt	—	—	4.4	9.3	18.2	4.5	2.5	4.4 B	—	6.2 B		
Copper	—	—	9.4 J	11.1	1.4	5.9	23.2 J	14.2 J	—	0.70 U		
Cyanide	—	—	2.2	1.3	18.6	0.6	1.6	0.60 U	—	0.60 U	10.0	10.0
Iron	—	—	9,710 J	24,600	20,500	9,090	7,280	13,700	—	8,420		
Lead	—	—	3.4	11.5	12.0 J	4.0	2.1 UJ	8.9 J	—	7.0 J		
Magnesium	—	—	34,600	49,400	82,500	39,000	34,600	44,800	—	38,700		
Manganese	—	—	761	2,940	4,880	1,650 J	1,320	1,280	—	477		
Mercury	—	—	0.10 UJ	0.10	0.10	0.10	0.10	0.10 UJ	—	0.10 U		
Nickel	—	—	7.6 J	16.8	21.9	7.0	2.1	10.4 B	—	8.7 J		
Potassium	—	—	2,770 J	4,400 J	5,530	3,800	2,250 J	3,320 J	—	2,550 B		
Selenium	—	—	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	—	3.9 UJ		
Silver	—	—	1.1	1.0 UJ	1.7	1.0	2.1	0.30 U	—	0.30 U		
Sodium	—	—	27,100 J	27,600	49,000	33,200	25,400	23,300	—	18,900		
Thallium	—	—	5.2	2.6 UJ	2.6	2.6	3.1	5.1 B	—	1.7 U		
Vanadium	—	—	9.7	1.2	42.4	1.5	11.8	22.4 J	—	17.6 J		
Zinc	—	—	24.7 J	46.5 J	33.0	17.0	16.3 J	46.7	—	32.5 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		
Pesticides / PCBs	—	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		

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

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	16.4	12.5	16.4	14.8	14.8	14.8	29.1	31.1 B	15.4 U	15.4 U		200
Antimony	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	6.2	2.4 U	2.4 U	2.4 U	60	60
Arsenic	3.8	3.5	3.8	4.0	4.0	4.0 UJ	5.3	2.4 U	2.4 UJ	2.4 U	20	10
Barium	161	175	**213** J	**230**	150	153	**354**	124 B	106 J	125 B	1,000	200
Beryllium	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	103,000	124,000	130,000	101,000	121,000	108,000	67,900	112,000	99,100	109,000		5,000
Chromium	0.80	4.1	0.80	2.7	2.6	4.5	3.6	1.9 B	2.2 B	2.4 B	11	10
Cobalt	0.60	0.80	6.00	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.20 U		50
Copper	0.70	0.80	0.70	1.4	1.4	2.0	0.70	3.4 B	3.4 B	4.8 B	25	25
Iron	80.3	2.9 J	**164**	**826**	12.9	15.6	**306**	45.1 B	8.5 U	9.4 B	7,000	100
Lead	1.4	1.7	1.4 UJ	1.8	2.0 J	1.8	2.1 UJ	0.80 U	1.5 B	0.8 U	4.2	3
Magnesium	32,000	35,400	44,900	34,700	35,600	37,400	31,700	31,600	30,100	32,700		5,000
Manganese	53	13.3	232	187	21 J	167 J	27.5	5.9 B	13.2 B	9.5 B		15
Mercury	0.10	0.10 UJ	0.30	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.40	0.60	1.9	1.0	0.50	0.50	0.80	0.40 U	0.40 U	0.40 U	96	40
Potassium	4,540 J	4,620	6,010 J	5,160	4,140	5,110	15,400 J	3,320 B	4,180 J	4,370 J		5,000
Selenium	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	5
Silver	2.6	0.6	1.1	2.0	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	10	10
Sodium	30,800	29,800	44,700	36,700	30,500	37,100	152,000	25,400 J	29,800	29,900		5,000
Thallium	4.1 UJ	8.2	4.1	2.6	2.6	2.6	3.1	8.7 B	4.1 UJ	1.7 U	40	10
Vanadium	5.9	1.6	0.7	1.2	20.7	1.2	9.3	12.1 B	5.4 B	9.3 J		50
Zinc	1.1	10.4	10.2	0.7	1.3	0.7	1.1	**23.4**	6.8 B	**36.7** J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	20,700 J	25,600	15,400	14,100 J	9,470	4,100	7,290 J	27,700 J	3,340 J	37,200		
Antimony	4.0 UJ	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	8.2 J	2.4 U	11.7 J		
Arsenic	29.1	20.2	61.6 J	11.6	8.5	4.0 UJ	5.3	53.1	2.4 U	22.1		
Barium	349	430	349	298	257	206	222	465	145 B	528		
Beryllium	1.2	1.7	0.8	0.8	0.6	0.5	0.1	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U		
Calcium	287,000	353,000	264,000	240,000 J	186,000	180,000	203,000	382,000	123,000	474,000		
Chromium	57.5 J	62.7	38.3	30.8	21.6	13.5	23.0	63.4 J	8.5 B	77.2 J		
Cobalt	17.6	27.1	14.5	12.9	9.5	4.9	6.3	32.5 B	2.8 B	40.3 B		
Copper	61.7	60.3 J	32.3 J	15.1	10.3	9.5	52.5 J	67.6 J	5.4 B	76.7 J		
Cyanide	0.8	0.6	1.0	0.6	12.9	0.6	0.6	1.3 B	0.60 U	0.60 U	10	10
Iron	49,700	68,200	41,700	33,500	23,700	11,100	18,600	78,000	7,410	104,000		
Lead	25.5	41.4	21.1	19.8	14.3	5.8	9.1	44.3 J	3.0 J	52.7 J		
Magnesium	72,300	87,600	72,300	62,000	50,400	51,100	54,200	93,400	36,200	112,000		
Manganese	1,250	1,820	1,140 J	920	630	480 J	656	2,510	232	3,240		
Mercury	0.1	0.7 J	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10		
Nickel	55.6 J	63.2 J	37.3 J	30.1	22.4	8.7	14.5	76.5	6.1 B	97.4 J		
Potassium	10,900	10,100	9,500 J	7,900 J	6,170	6,070	6,910 J	8,340 J	4,770 J	11,800		
Selenium	3.5 UJ	3.0	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 UJ	3.9 UJ		
Silver	9.3	2.9	4.3 J	1.0 UJ	1.4	1.1 J	2.1	0.30 U	0.30 U	0.30		
Sodium	31,600	30,100	43,000 J	29,200	27,600	35,700	35,500	25,200	26,900	31,700		
Thallium	4.1 UJ	5.6	8.2 J	2.6 UJ	2.6	2.6	3.1	4.6 B	1.7 U	1.7 U		
Vanadium	45.8 J	11.5	30.3	1.2	42.0	1.2	26.7	72.8 J	14.4 B	89.7 J		
Zinc	147 J	195	123 J	84 J	65.2	25.4	231 J	240	23.9	274.0 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Parsons Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]												
Aluminum	16.4	12.5	16.4	14.8	14.8	14.8	29.1	59.3 U	15.4 U	15.4 U		200
Antimony	4.0 UJ	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	60	60
Arsenic	3.8	3.5	3.8	4.0	4.0	4.0 UJ	5.3	4.4 B	2.4 U	2.4 U	20	10
Barium	50.0	51.6	42.1 J	38.7	44.5	45.0	42.6	36.6 B	39.0 J	38.4 B	1,000	200
Beryllium	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	173,000	179,000	192,000	188,000	167,000	199,000	183,000	179,000	187,000	182,000		5,000
Chromium	0.80	4.0	0.80	3.2	2.4	5.2	4.3	2.3 B	2.7 B	3.0 B	11	10
Cobalt	0.60	0.60	0.60	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.20 U		50
Copper	0.80	0.80	0.70	1.4	1.4	3.8	0.70	3.7 B	3.6 B	5.5 B	25	25
Iron	10.5	2.9 U	10.5	12.9	12.9	12.9	8.1	**137**	8.5 U	16.6 B	7,000	100
Lead	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	4.2	3
Magnesium	32,800	32,400	34,100	38,500	32,000	39,800	32,500	37,800	40,000	35,800		5,000
Manganese	0.2	24.9	26.7 J	4.4	0.4 J	28.8 J	4.0	14.5 B	34.8	4.6 B		15
Mercury	0.10	0.10 J	0.10	0.10	0.10	0.10	0.10	0.10 B	0.10 U	0.10 U	0.2	0.2
Nickel	0.40	0.40	1.1	0.80	0.50	0.50	0.80	0.40 U	0.40 U	0.40 U	96	40
Potassium	27,500 J	18,700	19,600 J	22,900	28,400	23,800	16,200 J	14,500	15,500 J	17,900 J		5,000
Selenium	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	5
Silver	3.2	0.60	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.40 B	10	10
Sodium	96,600	74,900	72,000	101,000	90,000	107,000	74,700	88,000 J	97,800 J	94,000		5,000
Thallium	4.1	8.4	4.1	2.6	2.6	2.6	3.1	2.6 B	1.7 U	1.7 U	40	10
Vanadium	6.5	1.6	0.6	1.2	21.0	1.2	7.8	12.9 B	8.6 B	9.6 J		50
Zinc	1.1	13.4	2.7	0.7	3.7	4.3	1.1	9.5 B	11.6 B	37.5 J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	1,410 J	3,420	1,060	3,210 J	1,280	2,570	2,120 J	7,750 J	1,900 J	17,100		
Antimony	4.0 UJ	2.7 UJ	60.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	3.0 J		
Arsenic	8.8	6.4	14.3 J	4.0	4.0	4.0 UJ	5.3	19.0	2.4 U	18.2		
Barium	72.5	83.2	54.2	91.9	62.1	126.0	65.9	253.0	58.8 J	467		
Beryllium	0.1	0.3	5.0	0.5	0.5	0.5	0.1	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U		
Calcium	177,000	201,000	200,000	206,000	163,000	197,000	193,000	226,000	195,000	291,000		
Chromium	5.5 J	14.2	10.0	12.1 J	6.8	14.7	10.2	34.7 J	6.9 B	71.0 J		
Cobalt	1.5	4.2	1.4	4.4	1.8	4.5	1.8	12.9 B	1.1 B	24.7		
Copper	6.6	9.3 J	3.4 J	1.4	1.4	6.6	4.6 J	18.6 J	7.4 B	26.3 J		
Cyanide	0.60	0.60	2.50	0.80	0.70	0.60	0.60	0.60 U	3.1 B	0.60 U	10	10
Iron	4,990	11,500	3,710	8,240	4,460	8,570	6,840	24,000	5,630 J	52,600		
Lead	2.6	9.4	3.0 UJ	6.3	4.3 J	4.4	2.1 UJ	15.4 J	4.8	28.1 J		
Magnesium	34,300	36,400	37,100	41,100	32,600	40,500	34,600	47,000	41,000	61,900		
Manganese	236	543	280 J	573	316	575 J	260	1,630	197 J	2,970		
Mercury	0.1	0.2 J	0.2 UJ	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U		
Nickel	4.9 J	12.0 J	5.3 J	11.3	5.0	10.7	5.2	37.1 B	5.0 B	74.6 J		
Potassium	25,900	18,800	19,600 J	25,300 J	24,400	22,400	15,200 J	18,800 J	15,700 J	20,400		
Selenium	3.5 UJ	3.0	5.0 R	4.9	4.9	4.9 UJ	4.5	3.9 UJ	3.9 R	3.9 UJ		
Silver	2.7	0.6	10.0	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U		
Sodium	93,900	75,700	79,100 J	105,000	81,900	102,000	76,400	86,500	96,100 J	95,600		
Thallium	4.1 UJ	6.3	4.3 J	2.6 UJ	2.6 UJ	2.6	3.1	6.1 B	2.5 B	1.7 U		
Vanadium	9.9 J	1.6	1.7	1.2	21.6	1.2	12.3	27.6 J	12.1 B	47.0 J		
Zinc	13.1 J	50.1 J	11.3 J	20.1 J	17.7	34.2	18.7 J	86.7	32.8	135 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Insufficient Volume	Insufficient Volume		Insufficient Volume	Insufficient Volume			Insufficient Volume	Insufficient Volume			
Aluminum	—	—	16.4	—	—	37.7 J	29.1	—	—	15.4 U		**200**
Antimony	—	—	4.0	—	—	4.0	4.1	—	—	2.4 U	**60**	**60**
Arsenic	—	—	5.9 J	—	—	4.0	5.3	—	—	2.4 U	**20**	**10**
Barium	—	—	58.9 J	—	—	68.9 J	57.8	—	—	57.3 B	**1,000**	**200**
Beryllium	—	—	0.1	—	—	0.50	0.10	—	—	0.10 U	**5**	**5**
Cadmium	—	—	0.1	—	—	0.10	0.10	—	—	0.10 U	**5**	**5**
Calcium	—	—	210,000	—	—	209,000	276,000	—	—	204,000		**5,000**
Chromium	—	—	0.8	—	—	2.7 J	5.9	—	—	2.5 B	**11**	**10**
Cobalt	—	—	0.6	—	—	0.70	0.40	—	—	0.20 U		**50**
Copper	—	—	0.7	—	—	4.9	0.70	—	—	5.60 B	**25**	**25**
Iron	—	—	10.5	—	—	48.9	10.5	—	—	23.7 B	**7,000**	**100**
Lead	—	—	1.4 UJ	—	—	1.8	2.1 UJ	—	—	0.80 U	**4.2**	**3**
Magnesium	—	—	44,200	—	—	39,600	81,200	—	—	28,100		**5,000**
Manganese	—	—	0.1	—	—	0.3	0.2	—	—	3.7 B		**15**
Mercury	—	—	0.1	—	—	0.10	0.10	—	—	0.10 U	**0.2**	**0.2**
Nickel	—	—	0.8	—	—	0.50	0.80	—	—	0.40 U	**96**	**40**
Potassium	—	—	7,950 J	—	—	8,560 J	5,400 J	—	—	7,430 J		**5,000**
Selenium	—	—	3.5 R	—	—	4.9 UJ	4.5 UJ	—	—	3.9 R	**8.5**	**5**
Silver	—	—	1.1	—	—	1.0	2.1	—	—	0.30 U	**10**	**10**
Sodium	—	—	29,900	—	—	25,000	22,800	—	—	20,100		**5,000**
Thallium	—	—	4.1	—	—	2.6	3.1	—	—	1.7 U	**40**	**10**
Vanadium	—	—	0.6	—	—	11.1	16.3	—	—	9.1 J		**50**
Zinc	—	—	1.1	—	—	5.9	1.1	—	—	10.4 J	**86**	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	16,700	—	—	10,600 J	9,480 J	—	—	2,590		
Antimony	—	—	4.0 UJ	—	—	4.0	4.1	—	—	2.4 UJ		
Arsenic	—	—	55.6 J	—	—	4.0	5.3	—	—	2.4 U		
Barium	—	—	117	—	—	107 J	95.9	—	—	77.8 B		
Beryllium	—	—	0.9	—	—	0.70	0.10	—	—	0.10 U		
Cadmium	—	—	0.6	—	—	0.10	0.10	—	—	0.10 U		
Calcium	—	—	281,000	—	—	222,000	319,000	—	—	207,000		
Chromium	—	—	33.0	—	—	29.1 J	22.1	—	—	6.6 J		
Cobalt	—	—	14.7	—	—	11.0	9.5	—	—	2.4 B		
Copper	—	—	21.7 J	—	—	14.3	35.7 J	—	—	0.70 U		
Cyanide	—	—	2.5	—	—	—	3.8	—	—	0.60 U	**10**	**10**
Iron	—	—	38,500	—	—	25,100	21,800	—	—	6,070		
Lead	—	—	16.7 J	—	—	12.2	11.7 J	—	—	3.6 J		
Magnesium	—	—	58,900	—	—	47,800	88,100	—	—	29,500		
Manganese	—	—	1,150 J	—	—	833 J	628	—	—	187		
Mercury	—	—	0.1 UJ	—	—	0.10	0.10	—	—	0.10 U		
Nickel	—	—	32.7 J	—	—	20.9	17.9	—	—	4.2 J		
Potassium	—	—	11,900 J	—	—	9,590 J	7,660 J	—	—	8,170		
Selenium	—	—	3.5 R	—	—	4.9 UJ	4.5 UJ	—	—	3.9 UJ		
Silver	—	—	3.1 J	—	—	2.0	2.1	—	—	0.30 U		
Sodium	—	—	32,000 J	—	—	23,000	24,000	—	—	19,700		
Thallium	—	—	13.1 J	—	—	2.6	3.1	—	—	1.7 U		
Vanadium	—	—	30.1	—	—	30.7	34	—	—	11.3 J		
Zinc	—	—	88.3 J	—	—	72.6	63.7 J	—	—	18.5 J		
Volatile Organic Compounds (VOCs)	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	BRL	BRL	BRL	BRL	BRL	BRL	—	BRL		
Pesticides / PCBs	—	—	BRL	BRL	—	BRL	BRL	—	—	BRL		

Notes:

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

EarthTech
A Tyco International Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]		Well Dry										
Aluminum	16.4	—	16.4	14.8	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U		**200**
Antimony	4.0 UJ	—	4.0	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	60	**60**
Arsenic	3.8	—	3.8	4.0	4.0	4.0	5.3	4.4 B	2.4 U	2.4 U	20	**10**
Barium	70.7	—	0.2	46.6	61.1	45.5 J	36.4	31.7 B	38.2 J	35.0 B	1,000	**200**
Beryllium	0.10	—	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	—	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	228,000	—	335	237,000	281,000	258,000	282,000	245,000	241,000	419,000		**5,000**
Chromium	14.4	—	0.80	3.8	3.3	2.0 J	6.1	2.5 B	3.1 B	4.4 B	11	**10**
Cobalt	0.60	—	0.70	1.2	2.7	2.1	1.2	0.20 U	0.20 U	2.10 B		**50**
Copper	2.6	—	0.70	1.4	1.4	3.0	0.70	4.2 U	4.6 B	7.1 B	25	**25**
Iron	**169**	—	**159**	**641**	**2380**	**162**	**299**	18.6 B	14.5 B	**4,390**	5,000	**100**
Lead	1.4	—	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	4.2	**3**
Magnesium	39,800	—	63,100	49,000	55,900	52,900	60,300	50,000	47,900	75,800		**5,000**
Manganese	217	—	0.3 J	617	2,070 J	1,050 J	385	103	179	714		**15**
Mercury	0.10	—	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	**0.2**
Nickel	9.2	—	0.40	3.5	5.0	4.8	2.4	3.3 B	4.2 B	9.5 B	96	**40**
Potassium	10,400 J	—	54.2	6,730	8,500	7,740 J	7,330 J	7,180	8,010 J	14,000 J		**5,000**
Selenium	3.5 UJ	—	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	**5**
Silver	3.2	—	1.1	1.0	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	10	**10**
Sodium	34,300	—	46.3	41,300	54,200	48,400	57,500	38,400 J	47,800 J	68,100		**5,000**
Thallium	4.1 UJ	—	4.1	2.6	2.6	2.6	3.1	3.3 B	1.7 U	4.6 B	40	**10**
Vanadium	6.2	—	0.60	1.2	27.9	11.7	13.2	16.5 B	9.3 B	16.8 J		**50**
Zinc	1.1	—	1.1	0.7	1.7	5.7	1.1	**28.5**	15.7 B	14.7 J	86	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	602 J	—	1,780	3,800 J	11,700	3,250 J	12,200 J	919 J	130 J	1,780		
Antimony	4.0 UJ	—	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ		
Arsenic	7.5	—	14.3 J	5.3	17.7	4.0	5.3	2.5 B	2.4 U	2.4 U		
Barium	75.7	—	70.1	81.3	196.0	80.7 J	173.0	39.8 B	38.1 J	45.9 B		
Beryllium	0.1	—	0.1	0.5	0.7	0.5	0.1	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	—	0.5	0.1	0.1	0.1	0.1	0.10 U	0.10 U	0.10 U		
Calcium	230,000	—	347,000	250,000	409,000	297,000	450,000	259,000	241,000	42,900		
Chromium	1.2 J	—	1.9	10.1 J	24.3	12.3 J	30.4	5.7 J	3.4 B	8.5 J		
Cobalt	1.1	—	1.9	4.1	12.9	4.9	10.9	1.0 B	0.6 B	2.5 B		
Copper	5.0	—	4.6 J	1.4	1.4	10.1	41.7 J	7.0 J	4.9 B	0.90 J		
Cyanide	0.6	—	1.6	0.6	3.4	0.6	0.6	1.0 B	3.1 B	0.60 U	10	**10**
Iron	2,070	—	6,770	11,100	38,500	11,000	36,300	2,750	420 J	9,040		
Lead	1.4	—	1.4 UJ	14.4	22.2 J	4.0	19.4	0.80 U	0.80 U	2.10 J		
Magnesium	39,800	—	65,900	53,600	92,400	60,900	98,400	51,300	46,900	80,800		
Manganese	224	—	317 J	750	2,930	1,280 J	1,340	167	172 J	523		
Mercury	0.1	—	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U		
Nickel	4.7 J	—	8.0 J	11.2	30.8	12.9	27.5	4.9 B	4.5 B	13.3 J		
Potassium	10,600	—	9,210 J	7,550 J	10,300	8,650 J	10,300 J	7,480 J	7,920	15,300		
Selenium	3.5 UJ	—	3.5 R	4.9	12.5 J	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ		
Silver	2.6	—	1.1	1.0 UJ	2.1	1.0	2.1	0.30 U	0.30 B	0.30 B		
Sodium	33,800	—	41,300	39,500	50,400	47,500	53,100	39,300	45,000 J	65,800		
Thallium	4.1 UJ	—	6.4 J	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B	2.3 B	3.7 B		
Vanadium	8.5 J	—	4.4	1.2	54.5	19.5	42.3	15.8 J	10.1 B	17.0 J		
Zinc	14.6 J	—	21.8 J	25.4 J	92.8	35.2	99.0 J	30.7	33.9	27.3 J		
Volatile Organic Compounds (VOCs)	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

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

EarthTech

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]			Insufficient Volume									
Aluminum	16.4	22.3	—	20.8	14.8	14.8	29.1	38.8 B	31.0 B	377		200
Antimony	4.0	2.7 UJ	—	4.0	4.0	4.0	4.7	2.4 U	2.4 U	2.4 U	60	60
Arsenic	3.8 UJ	3.5	—	4.0	4.0	4.0 J	5.3	2.4 U	2.4 UJ	2.4 U	20	10
Barium	57.4	104	—	102	104	99.6	97.7	90.1 B	91.8 J	110 B	1,000	200
Beryllium	0.10	0.10	—	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	—	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	92,600	133,000	—	127,000	137,000	127,000	130,000	119,000	115,000	123,000		5,000
Chromium	0.80	6.0	—	3.8	3.6	5.9	2.3	2.2 B	2.3 B	4.3 B	11	10
Cobalt	0.60	0.40	—	0.70	0.70	0.70	0.40	0.20 U	0.40 B	0.20 U		50
Copper	0.70	0.80	—	1.4	1.4	4.0	0.70	3.8 B	2.5 B	6.8 B	25	25
Iron	10.5	7.3 J	—	15.5	12.9	12.9	8.1	58.4 B	**202**	**625**	7,000	100
Lead	1.4	1.7	—	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	4.2	3
Magnesium	25,700	48,300	—	46,800	49,400	47,100	48,100	41,600	40,400	44,000		5,000
Manganese	11.9	32.3	—	29.5	13.8 J	30.4 J	12.8	5.3 B	128	140		15
Mercury	0.10	0.10 UJ	—	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.50	1.1	—	0.90	0.50	0.50	0.80	0.40 U	1.2 B	2.1 B	96	40
Potassium	3,800 J	8,300	—	9,000	8,420	8,280	9,340 J	7,010	7,530	8,110 J		5,000
Selenium	3.5 UJ	3.0	—	4.9 UJ	4.9	4.9	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	5
Silver	1.4	0.60	—	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	10	10
Sodium	56,700	110,000	—	101,000	117,000	117,000	118,000	92,500 J	101,000	108,000		5,000
Thallium	4.1	5.4	—	2.6	2.6	2.6	3.1	3.1 B	1.7 UJ	1.7 U	40	10
Vanadium	5.6	1.6	—	1.2	25.5	1.2	13.2	13.7 B	5.7 B	13.5 J		50
Zinc	1.1	11.1	—	4.9	1.3	0.70	1.1	**23.0**	16.0 B	10.8 J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	28,300	10,900	23,900	26,900 J	6,160	1,800	3,140 J	12,500 J	5,460	12,300		
Antimony	4.0	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ		
Arsenic	31.1 J	6.9	80.5 J	8.6	5.4	4.0 UJ	5.3	20.8 J	2.4 UJ	7.5 B		
Barium	457	269	445	482	185	138	161	405	183 B	354		
Beryllium	1.8	0.70	1.2	1.4	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.30	0.10	0.80	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	414,000	247,000	424,000	490,000	176,000	148,000	150,000	217,000	161,000	207,000		
Chromium	66.3	30.8	55.0	55.6 J	15.1	10.4	16.0	39.2 J	16.2	35.1 J		
Cobalt	29.1	11.4	22.8	30.7	4.4	2.3	3.0	16.0 B	5.7 B	12.3 B		
Copper	81.9	22.9 J	50.0 J	29.6	1.6	7.5	30.9 J	31.7 J	16.6 B	17.2 J		
Cyanide	0.70	0.60	—	0.60	0.60	0.60	7.1	0.60 U	—	0.60 U	10.0	10.0
Iron	64,200	26,900	59,200	64,400	11,900	4,800	7,350	35,100	14,400	30,900		
Lead	48.1	21.1	39.7 J	52.2	11.4 J	5.4	5.3	26.5 J	13.7	22.9 J		
Magnesium	107,000	71,000	104,000	99,500	56,600	51,000	51,000	60,700	50,100	59,700		
Manganese	*2,210*	*896*	*2,130 J*	*2,620*	*402*	*204 J*	*276*	*1,290*	*614*	*981*		
Mercury	0.10	0.30 J	0.10 J	0.10	0.10	0.10	0.10	0.10 UJ	0.10 U	0.10 U		
Nickel	66.5	27.5 J	59.3 J	68.4	11.6	3.9	7.4	41.9	15.8 B	35.6 J		
Potassium	17,500	11,000	15,000 J	14,000 J	9,630	8,410	8,490 J	9,530 J	8,620	10,600		
Selenium	3.5 R	3.0	3.5 R	5.0	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ		
Silver	9.8	0.60	6.2 J	1.0	1.0	1.0	3.3	0.30 U	0.30 U	0.30 U		
Sodium	119,000	116,000	134,000 J	109,000	110,000	117,000	118,000	96,500	105,000	111,000		
Thallium	4.1	5.8	9.9 J	2.6 UJ	2.6 UJ	2.6	3.1	1.7 U	1.7 U	1.7 U		
Vanadium	56.5	1.6	45.2	269	39	1.2	18.8	40.0 J	19.6 B	35.7 J		
Zinc	219	88.9 J	171 J	184 J	35	14.4	31.3 J	164	55.0	95.9 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										
	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Well Dry	Insufficient Volume	Well Dry	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume		
Inorganics - Metals and Cyanide (Total)	—	—	—	—	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	—	BRL	—	BRL	—	BRL	—	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	BRL	—	—	—	—	—	—	BRL		
Pesticides / PCBs	—	—	—	—	—	—	—	—	BRL		

Notes:

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

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

Compound	Quarterly Sampling Result (All Results Expressed in Units of µg/l)											
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	322	14.9	16.4	16.3	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U		**200**
Antimony	4.0	2.7 UJ	4.0	4.0	4.0	4.0	4.4	2.4 U	2.4 U	2.4 U	60	**60**
Arsenic	3.8 UJ	3.5	7.5 J	4.0	4.0	4.0	5.3	2.4 U	2.4 U	2.4 U	20	**10**
Barium	117	71.7	33.8	29.1	56.4	39.8 J	27.6	31.0 B	44.5 J	32.8 B	1,000	**200**
Beryllium	0.10	0.00	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	141,000	291,000	279,000	173,000	232,000	277,000	320,000	213,000	240,000	392,000		**5,000**
Chromium	0.80	7.7	0.80	2.5	3.0	2.5 J	1.2	2.0 B	1.9 B	5.7 B	11	**10**
Cobalt	0.60	2.8	1.6	1.5	1.5	1.3	0.40	1.1 B	1.9 B	0.20 U		**50**
Copper	1.5	0.80	0.70	1.4	1.4	2.9	0.70	4.2 B	0.70 U	8.1 B	25	**25**
Iron	**383**	**583** J	10.5	**189**	**253**	**173**	15.1	**114**	8.5 U	47.8 B	7,000	**100**
Lead	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 UJ	0.80 U	4.2	**3**
Magnesium	54,200	65,900	64,300	38,400	49,900	65,900	80,300	49,900	51,900	93,500		**5,000**
Manganese	120	2,290	481 J	1,200	1,790 J	985 J	441	1,300	887 J	107		**15**
Mercury	*0.10*	*0.10 J*	*0.10*	*0.10*	*0.10*	*0.10*	*0.10*	*0.10 U*	*0.10 U*	*0.10 U*	0.2	**0.2**
Nickel	1.7	3.8	3.2	2.1	2.2	2.3	1.3	2.0 B	3.2 B	1.8 B	96	**40**
Potassium	10,600 J	9,120	5,720 J	5,550	8,280	6,300 J	6,640 J	5,440	6,680 J	5,620 J		**5,000**
Selenium	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	**5**
Silver	2.4	0.60	1.1	1.0	1.0	1.0	2.1	0.30 U	0.30 U	0.50 B	10	**10**
Sodium	120,000	68,000	38,600	30,000	48,900	44,800	48,400	33,100 J	49,400 J	59,600		**5,000**
Thallium	4.1	7.7	4.1	2.6	2.6	2.6	3.1	5.8 B	5.0 B	1.7 U	40	**10**
Vanadium	6.8	1.6	0.9	1.2	25.3	15.2	17.9	16.4 B	9.2 B	18.3 J		**50**
Zinc	**36.6**	12.7	1.1	0.7	0.7	9.2	1.1	19.5 B	5.5 B	10.9 J	86	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	39,100	28,500	16,300	26,400 J	14,700	13,100 J	17,600 J	13,200 J	1,730 J	6,970		
Antimony	4.0	2.7 J	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ		
Arsenic	40.9 J	14.9	56.3 J	15.5	11.5	4.0	5.3	20.4	2.4 U	2.4 U		
Barium	315	238	117	204	152	118 J	124	119 B	53.1 J	64.6 B		
Beryllium	3.0	1.8	1.1	1.4	0.70	0.80	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.5	0.1	1.7	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	737,000	431,000	335,000	412,000	343,000	351,000	507,000	305,000	266,000	426,000		
Chromium	66.4	46.1	25.4	36.5 J	22.3	31.2 J	31.6	21.5 J	4.1 B	15.0 J		
Cobalt	43.8	29.4	14.2	26.2	16.1	13.4	16.5	14.1 B	3.3 B	5.0 B		
Copper	94.9	51.8 J	110 J	22.1	6.4	23.3	50.2 J	24.8 J	6.3 B	5.0 J		
Cyanide	0.8	0.6	1.5	0.7	3.1	0.6	0.6	0.60 U	10.3	0.60 U	10	**10**
Iron	88,300	63,600	37,000	56,900	36,100	32,100	40,600	33,700	4,620 J	15,600		
Lead	46.8	42.9	28.1 J	40.1	26.4 J	16.0	24.1	22.8 J	2.5 B	10.2 J		
Magnesium	118,000	102,000	81,600	96,100	77,500	83,700	114,000	73,500	56,600	103,000		
Manganese	6,100	3,820	1,590	3,250	2,860	2,150 J	2,160	2,390	1,220 J	734		
Mercury	0.1	1.1 J	0.1 UJ	0.1	0.1	0.1	0.10	0.10 UJ	0.10 U	0.10 U		
Nickel	85.4	60.1 J	35.4 J	51.5	32.4	29.1	32.9	29.9 B	8.2 B	14.4 J		
Potassium	19,000	13,500	8,690 J	12,400 J	10,800	8,240 J	9,330 J	7,990 J	7,570 J	7,150		
Selenium	3.5 R	3.0	3.5 R	4.9	5.9 J	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ		
Silver	12.4	2.3	1.1	1.0 UJ	1.5	2.5	2.1	0.30 U	0.30 U	0.30 U		
Sodium	77,700	63,500	39,000 J	37,900	50,100	45,300	46,900	38,500	54,800 J	63,500		
Thallium	4.1	5.2	9.8	2.6 UJ	2.6 UJ	2.6	3.1	4.7 B	7.4 J	1.7 U		
Vanadium	72.7	11.4	27.8	12.6	59.0	41.1	52.9	42.0 J	10.2 B	26.5 J		
Zinc	233	188 J	311 J	148 J	92	99	142 J	115	23.6	55.0 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]												
Aluminum	16.4	20.8	16.4	14.8	14.8	14.8	29.1	15.4 U	15.4 U	15.4 U		200
Antimony	4.0	2.7 UJ	4.0	4.0	4.0	4.0	4.1	2.4 U	2.4 U	2.4 U	60	60
Arsenic	3.8 UJ	3.5	5.8 J	4.0	4.0	4.0	5.3	2.4 U	2.4 U	2.4 U	20	10
Barium	64.6	41.5	39.4 J	35.0	44.6	34.3 J	35.7	40.6 B	40.2 J	42.0 B	1,000	200
Beryllium	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	234,000	173,000	207,000	163,000	182,000	166,000	179,000	168,000	164,000	188,000		5,000
Chromium	0.80	6.6	0.80	4.2	4.5	2.5 J	2.3	2.7 B	3.1 B	3.6 B	11	10
Cobalt	2.00	1.00	0.70	0.70	0.70	0.70	0.40	0.20 U	0.20 U	0.80 B		50
Copper	0.70	0.80	0.70	1.4	1.4	3.8	0.70	4.9 B	3.5 B	7.2 B	25	25
Iron	**128**	2.9	10.5	12.9	12.9	12.9	8.1	59.2 B	8.5 U	21.6 B	7,000	100
Lead	1.4	1.7	1.4 UJ	1.8	1.8	1.8	2.1 UJ	0.80 U	0.80 U	0.80 U	4.2	3
Magnesium	51,700	52,800	71,600	52,400	58,000	52,500	57,100	51,700	49,600	58,800		5,000
Manganese	1,970	469	783 J	25.0	195.0 J	264.0 J	147	302	269	787		15
Mercury	0.10	0.10 J	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	3.5	4.5	9.0	3.0	2.7	2.4	1.6	1.8 B	2.4 B	8.4 B	96	40
Potassium	10,400 J	10,800	15,400 J	8,910	12,400	7,530 J	9,720 J	7,890	8,920 J	20,100 J		5,000
Selenium	3.5 UJ	3.0	3.5 R	4.9 UJ	4.9	4.9 UJ	4.5 UJ	3.9 U	3.9 UJ	3.9 R	8.5	5
Silver	1.7	0.60	1.1	1.0 UJ	1.0	1.0	2.1	0.30 U	0.30 U	0.30 U	10	10
Sodium	74,700	51,700	68,100	42,800	53,900	35,600	42,200	36,700 J	39,600 J	55,300		5,000
Thallium	4.1	9.8	4.1	2.6	2.6	2.6	3.1	3.4 B	1.7 U	2.3 B	40	10
Vanadium	6.2	1.6	1.2	1.2	26.9	12.7	14.1	15.9 B	10.5 B	13.9 J		50
Zinc	4.7	12.2	1.1	0.7	0.7	7.8	1.1	12.6 B	10.2 B	6.4 J	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	23,500	31,500	8,050	6,580 J	10,000	15,900 J	11,000 J	13,700 J	1,780 J	15,600		
Antimony	4.0	2.7 UJ	4.0 UJ	4.0	4.0	4.0	4.1	2.4 UJ	2.4 U	2.4 UJ		
Arsenic	16.8	9.4	34.5 J	4.0	4.0	4.0	5.3	15.9	2.4 U	2.4 B		
Barium	109	111	67.9	58.2	70.5	79.3 J	73.0	74.8 B	49.8 J	84.9 B		
Beryllium	1.4	1.9	0.30	0.50	0.50	0.80	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.1	0.1	0.30	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	267,000	333,000	241,000	194,000	229,000	277,000	280,000	230,000	186,000	252,000		
Chromium	44.3	53.7	15.400	13.5 J	19.1	41.2 J	23.4	25.4 J	5.4 B	25.8 J		
Cobalt	21.0	30.2	10.9	7.9	12.0	17.7	13.1	15.3 B	3.0 B	19.6 B		
Copper	37.3	36.5 J	9.0 J	1.4	1.4	11.7	36.2 J	14.9 J	6.8 B	3.4 J		
Cyanide	0.7	0.6	3.5	0.7	14.9	0.6	0.6	0.60 U	7.3 B	2.0 B	10	10
Iron	49,900	74,100	21,300	14,900	23,900	39,500	22,900	31,800	4,080 J	37,200		
Lead	13.5	27.1	5.8 J	6.8	10.9 J	8.3	12.1	10.9 J	2.1 B	11.8 J		
Magnesium	71,600	79,200	77,600	59,400	65,300	70,800	78,000	62,500	53,600	71,600		
Manganese	2,140	2,830	2,750 J	1,190	1,760	2,430 J	2,290	1,920	702 J	3,830		
Mercury	0.1	0.900 J	0.1 UJ	0.1	0.1	0.1	0.1	0.10 UJ	0.10 U	0.10 U		
Nickel	44.6	64.800 J	28.5 J	15.9	25.3	36.0	25.7	32.0 B	5.7 B	39.1 J		
Potassium	16,100	16,000	16,400 J	9,990 J	14,100	11,200 J	17,000 J	11,900 J	8,710 J	22,100		
Selenium	3.5	4.1	3.5 R	4.9	4.9	4.9 UJ	4.5 UJ	3.9 UJ	3.9 R	3.9 UJ		
Silver	7.0	3.4	1.1	1.0 UJ	1.0	4.3	2.1	0.30 U	0.30 U	0.30 U		
Sodium	45,100	51,800	65,500 J	41,400	54,800	39,500	59,600	40,600	39,500 J	56,600		
Thallium	4.1	5.2	7.0 J	2.6 UJ	2.6 UJ	2.6	3.1	4.2 B	6.1 B	1.7 U		
Vanadium	42.4	11.0	14.5	1.2	44.4	41.1	34.2	36.8 J	12.9 B	38.2 J		
Zinc	112	166	41.0 J	31.9 J	52.4	88.5	78.9 J	93.0	16.2 B	79.6 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.
16) Switch to different format for fourth quarter 2007

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]	Insufficient Volume	Well Dry	Insufficient Volume	Well Dry	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume	Insufficient Volume		
Aluminum	—	—	—	—	—	—	—	—	—	—		200
Antimony	—	—	—	—	—	—	—	—	—	—	60	60
Arsenic	—	—	—	—	—	—	—	—	—	—	10	10
Barium	—	—	—	—	—	—	—	—	—	—	1,000	200
Beryllium	—	—	—	—	—	—	—	—	—	—	5	5
Cadmium	—	—	—	—	—	—	—	—	—	—	5	5
Calcium	—	—	—	—	—	—	—	—	—	—		5,000
Chromium	—	—	—	—	—	—	—	—	—	—	11	10
Cobalt	—	—	—	—	—	—	—	—	—	—		50
Copper	—	—	—	—	—	—	—	—	—	—	25	25
Iron	—	—	—	—	—	—	—	—	—	—	5,000	100
Lead	—	—	—	—	—	—	—	—	—	—	4.2	3
Magnesium	—	—	—	—	—	—	—	—	—	—		5,000
Manganese	—	—	—	—	—	—	—	—	—	—		15
Mercury	—	—	—	—	—	—	—	—	—	—	0.2	0.2
Nickel	—	—	—	—	—	—	—	—	—	—	96	40
Potassium	—	—	—	—	—	—	—	—	—	—		5,000
Selenium	—	—	—	—	—	—	—	—	—	—	8.5	5
Silver	—	—	—	—	—	—	—	—	—	—	10	10
Sodium	—	—	—	—	—	—	—	—	—	—		5,000
Thallium	—	—	—	—	—	—	—	—	—	—	40	10
Vanadium	—	—	—	—	—	—	—	—	—	—		50
Zinc	—	—	—	—	—	—	—	—	—	—	86	20
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	—	—	—	—	—	—	—	—		
Antimony	—	—	—	—	—	—	—	—	—	—		
Arsenic	—	—	—	—	—	—	—	—	—	—		
Barium	—	—	—	—	—	—	—	—	—	—		
Beryllium	—	—	—	—	—	—	—	—	—	—		
Cadmium	—	—	—	—	—	—	—	—	—	—		
Calcium	—	—	—	—	—	—	—	—	—	—		
Chromium	—	—	—	—	—	—	—	—	—	—		
Copper	—	—	—	—	—	—	—	—	—	—		
Cyanide	—	—	—	—	—	—	—	—	—	—	10	10
Iron	—	—	—	—	—	—	—	—	—	—		
Lead	—	—	—	—	—	—	—	—	—	—		
Magnesium	—	—	—	—	—	—	—	—	—	—		
Manganese	—	—	—	—	—	—	—	—	—	—		
Mercury	—	—	—	—	—	—	—	—	—	—		
Nickel	—	—	—	—	—	—	—	—	—	—		
Potassium	—	—	—	—	—	—	—	—	—	—		
Selenium	—	—	—	—	—	—	—	—	—	—		
Silver	—	—	—	—	—	—	—	—	—	—		
Sodium	—	—	—	—	—	—	—	—	—	—		
Thallium	—	—	—	—	—	—	—	—	—	—		
Vanadium	—	—	—	—	—	—	—	—	—	—		
Zinc	—	—	—	—	—	—	—	—	—	—		
Volatile Organic Compounds (VOCs)	BRL	—	BRL	—	BRL	—	BRL	BRL	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	—	—	BRL	—	—	BRL	—	BRL		
Pesticides / PCBs	—	—	—	—	BRL	—	—	—	—	BRL		

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

EarthTech
A Tetra Tech/Foster Wheeler Ltd. Company

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

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	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]													
Aluminum	25.2	16.4	25.1	16.4	14.8	14.8	22.7	16.4	15.4 U	19.7 B	15.4 U		**200**
Antimony	4.0	4.0	2.7	4.7	4.0	4.0	4.0	5.7	2.4 U	2.4 U	2.4 U	60	**60**
Arsenic	6.8	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	20	**10**
Barium	53.1	57.5	50.6	43.4	43.6	50.9	41.3	37.8	45.4 B	67.6 B	36.5 B	1,000	**200**
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	89,000	90,900	110,000	99,500	72,300	94,600	80,300 J	84,900	74,800	103,000	69,800		**5,000**
Chromium	5.4	0.8	3.8	3.0	1.8	1.8	2.8	1.8	1.1 B	2.4 B	1.7 B	11	**10**
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U		**50**
Copper	0.7	1.7	0.8	0.7	1.4	1.4	1.4	0.7	4.1 B	0.7 U	4.2 J	25	**25**
Iron	10.5	10.5	43.7	10.5	14.4	12.9	12.9	10.5	9.3 B	10.2 B	43.7 B	7,000	**100**
Lead	1.4 UJ	1.4	2.0	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U	0.80 U	0.80 U	4.2	**3**
Magnesium	28,000	25,700	30,800	27,000	22,100	25,100	22,700 J	21,200	22,900	29,200	17,400		**5,000**
Manganese	7.4 J	3.5	0.1	4.4	1.9	2.3	2.9 J	7.5	13.7 B	3.5 B	4.0 B		**15**
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	**0.2**
Nickel	0.40 UJ	0.40	0.40	0.40	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	96	**40**
Potassium	3,460	3,960 J	3,110	1,620	2,860 J	3,370	2,590 J	2,830	3,130 B	4,760 J	2,410 B		**5,000**
Selenium	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	3.9 UJ	3.9 UJ	8.5	**5**
Silver	1.1	1.1	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U	0.30 B	0.30 U	10	**10**
Sodium	53,000	54,200	100,000	37,700	45,900	45,100	29,800 J	79,400	42,400	42,500	42,400		**5,000**
Thallium	4.1	4.1	7.1	4.1	2.6	2.6	2.6	4.1	3.0 B	3.3 B	3.1 B	40	**10**
Vanadium	11.5	5.1	1.6	2.6	1.2	15.2	1.2	7.0	9.7 B	1.1 B	2.8 B		**50**
Zinc	8.3	1.1	11.1	7.9	1.3	**73.6** J	0.70	1.1	3.1 B	8.8 B	8.9 B	86	**20**
Inorganics - Metals and Cyanide (Total)													
Aluminum	46.2	36.8	21.8	16.4	36.7	14.8	82.1	609	15.4 U	36.9 B	302		
Antimony	4.0	4.0	2.7	6.6	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U		
Arsenic	7.2	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U		
Barium	50.5	58.9	50.5	42.9	43.6	49.6	42.8	42.2	43.9 B	68.8 B	40.5 B		
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.40	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	85,200	91,800	108,000	104,000	72,200	92,800	82,300	85,300	71,900	106,000	74,100		
Chromium	29.8	0.8	4.8	2.9	1.8	1.7	3.0	3.0	1.0 B	2.5 B	2.1 B		
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 J		
Copper	1.4	1.8	0.80	0.70	1.4	1.4	1.5	0.70	3.8 B	0.70 U	4.7 B		
Cyanide	0.60	0.60	0.60	1.5	0.60	2.1	0.60	0.60	0.60 U	0.60 U	0.60 U	10	**10**
Iron	132.0	13.3	24.3	10.5	19.3	12.9	140 J	1010	35.1 B	71.7 B	508 J		
Lead	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.8 U	0.9 J	0.80 U		
Magnesium	26,500	26,300	30,500	27,800	22,100	24,800	22,900 J	21,500	21,900	29,600	17,700		
Manganese	10.4 J	5.4	0.1	1.4	3.3	3.9	6.4 J	28.7	6.5 B	5.8 B	36.0 J		
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Nickel	0.40 UJ	0.40	0.60 U	0.40	0.50	0.50	0.50	0.40	2.9 B	0.40 U	0.40 U		
Potassium	3,310	3,950 R	2,910 J	1,600	2,880 J	3,240	2,660 J	2,960	3,020 B	4,870 J	2,430 J		
Selenium	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	3.9 UJ	3.9 U		
Silver	1.1	1.2	0.6	1.1	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U		
Sodium	51,200	54,400	97,700	38,600	46,300	43,900	30,800 J	78,600	41,300	43,000 J	42,100 J		
Thallium	4.1	4.1	5.9	4.1	2.6	2.6	2.6	4.1	1.7 U	2.8 B	1.7 U		
Vanadium	11.8	4.3	1.6	2.1	1.2	15.5	1.2	8.4	7.6 B	2.6 B	3.1 B		
Zinc	7.1 J	9.8	6.0	6.6	1.3	4.5	1.8	1.1	3.1 B	2.6 B	6.3 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U, J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech

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)											TRIGGER LEVEL	CRQL
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]													
Aluminum	18.1	16.4	12.5	16.4	14.8	14.8	14.8	16.4	15.4 U	15.4 U	15.4 U		200
Antimony	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	60	60
Arsenic	8.7	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	20	10
Barium	48.6	0.2	49.5	42.1	48.3	49.9	42.7	41.6	42.4 B	60.1 B	42.5 B	1,000	200
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	5
Cadmium	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	5
Calcium	94,700	53.9	10,800	101,000	83,100	92,900	82,400 J	103,000	68,700	97,600	88,800		5,000
Chromium	12.7	1.3	3.7	2.8	1.8	1.8	2.8	2.3	1.1 B	2.0 B	2.4 B	11	10
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U		50
Copper	0.70	0.70	0.80	0.70	1.4	1.4	1.4	0.70	3.8 B	0.70 U	4.1 J	25	25
Iron	35.3	10.5	2.9	10.5	12.9	12.9	21.5 J	10.5	12.6 B	11.3 B	8.9 B	7,000	100
Lead	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.8 U	0.8 U	0.80 U	4.2	3
Magnesium	29,400	13.0	29,400	27,100	23,500	25,700	23,000 J	28,400	22,300	26,600	21,600		5,000
Manganese	4.8 J	0.1	0.1	2.9	6.0	2.7	6.3 J	4.4	22.4	20.7	2.0 B		15
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	0.2
Nickel	0.40 UJ	1.2	0.40	0.40	0.60	0.50	0.50	0.40	0.60 B	0.40 U	0.40 U	96	40
Potassium	3,060	54.2	2,840 J	2,070	2,770 J	3,300	2,770 J	2,520	3,230 B	4,290 J	2,220 B		5,000
Selenium	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	3.9 UJ	3.9 UJ	8.5	5
Silver	1.1	1.1	0.6	1.1	1.0	1.0	1.0	1.1	0.3 U	0.3 U	0.30 U	10	10
Sodium	53,700	400	100,000	36,400	45,200	45,800	30,200 J	61,900	42,800	41,300 J	42,100		5,000
Thallium	4.1	4.1	6.5	4.1	2.6	2.6	2.6	4.1	2.7 B	2.9 B	1.7 U	40	10
Vanadium	13.2	0.6	1.6	2.3	1.2	15.6	1.2	8.0	5.9 B	2.2 B	4.0 B		50
Zinc	9.3	2.6	9.5	4.1	1.9	2.8 J	5.1	1.1	5.4 B	5.0 B	1.1 U	86	20
Inorganics - Metals and Cyanide (Total)													
Aluminum	43.6	30.1	21.2	16.4	36.2	23.4	512.0	60.4	15.4 U	53.5 B	98.8 B		
Antimony	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U		
Arsenic	9.1	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U		
Barium	50.4	52.0	50.3	41.9	48.2	48.4	30.0	42.6	39.5 B	61.8 B	40.7 B		
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	95,300	87,300	108,000	101,000	82,800	89,600	94,200 J	105000	69,300	99,800	82,400		
Chromium	7.6	0.8	3.9	3.3	2.0	1.8	2.8	2.5	1.1 B	2.3 B	1.9 B		
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	1.10	0.60	0.20 U	0.20 U	0.20 U		
Copper	0.70	0.90	0.80	0.70	1.4	1.4	1.4	0.70	3.9 B	0.70 U	3.8 J		
Cyanide	0.60	0.60	8.00	0.60	0.60	0.70	0.60	0.60	0.60 U	0.60 U	0.60 U	10	10
Iron	27.9 U	45.0	30.2	57.4	55.9	12.9	916.0 J	77.8	64.4 B	69.0 B	174 J		
Lead	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.8 U	1.1 J	0.80 U		
Magnesium	30,600	24,600	30,400	27,300	23,600	24,600	19,200 J	28900	22,200	26,900	20,700		
Manganese	5.4 J	7.4	0.1	5.5	7.7	5.1	49.5 J	6.2	20.9	23.7	5.3 J		
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Nickel	0.40 UJ	0.40	0.40	0.40	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U		
Potassium	3,080	3,610	2,840 J	1,690	2,810 J	3,200	3,200 J	2,780	3,190 B	4,430 J	2,130 J		
Selenium	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	3.9 UJ	3.90 UJ		
Silver	1.1	1.1	0.60	1.1	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U		
Sodium	56,100	54,000	97,300	35,600	46,400	44,500	6,610 J	62,800	41,700	42,100 J	40,400 J		
Thallium	4.1	4.1	4.6	4.1	2.6	2.6	2.6	4.1	1.9 B	2.9 B	1.7 U		
Vanadium	12.9	5.1	1.6	2.0	1.2	15.5	1.2	8.6	8.9 B	1.2 B	2.5 B		
Zinc	4.8 J	1.1	8.4	5.8	0.7	2.9	13.3	1.1	8.2 B	3.2 B	1.5 B		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)												
	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]													
Aluminum	30.0	16.4	12.5	16.4	15.7	14.8	14.8	16.4	15.4 U	18.5 B	15.4 U		**200**
Antimony	4.0	4.0	2.7	4.0	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U	60	**60**
Arsenic	3.8	3.8 UJ	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U	20	**10**
Barium	48.2	51.4	51.2	41.1	48.0	53.1	43.8	44.8	47.4 B	64.7 B	41.6 B	1,000	**200**
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	5	**5**
Calcium	94,500	86,800	10,300	99,500	83,100	98,800	82,200 J	108,000	74,700	105,000	87,300		**5,000**
Chromium	0.8	0.8	3.8	3.9	1.8	2.0	2.9	4.3	1.1 B	2.2 B	2.0 B	11	**10**
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U		**50**
Copper	0.70	1.3	0.80	0.70	1.4	1.4	2.0	0.70	3.9 B	0.70 U	4.0 J	25	**25**
Iron	10.5	10.5	2.9	10.5	12.9	12.9	18.3 J	10.5	8.5 U	27.1 B	10.9 B	7,000	**100**
Lead	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.8 U	1.0 J	0.80 U	4.2	**3**
Magnesium	26,100	24,900	29,800	27,100	23,200	26,300	23,300 J	30,300	21,700	27,100	21,600		**5,000**
Manganese	3.9 J	5.1	0.1	3.5	4.9	6.0	13.8 J	6.2	21.4	25.9	2.2 B		**15**
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U	0.2	**0.2**
Nickel	0.40 UJ	0.40	0.40	0.40	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U	96	**40**
Potassium	3,510	3,570 J	2,720 J	1,470	2,690 J	3,390	2,730 J	2,330	3,070 B	4,370 J	2,180 B		**5,000**
Selenium	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	3.9 UJ	3.9 UJ	8.5	**5**
Silver	1.1	1.3	0.60	2.0	1.0	1.0	1.0	1.1	0.30 U	0.40 B	0.30 U	10	**10**
Sodium	54,900	53,500	95,600	35,000	46,100	48,200	30,500 J	65,200	41,800	42,200 J	42,500		**5,000**
Thallium	4.1	4.1	5.1	4.1	2.6	2.6	2.6	4.1	1.9 B	3.9 B	2.0 B	40	**10**
Vanadium	10.9	4.8	1.6	2.0	1.2	14.7	1.2	8.3	8.9 B	2.9 B	3.9 B		**50**
Zinc	8.9	1.1	8.3	6.1	0.7	3.7 J	2.9	1.1	2.3 B	3.6 B	1.6 B	86	**20**
Inorganics - Metals and Cyanide (Total)													
Aluminum	97.2	118	19.7	16.4	33.6	21.4	118	109	139 B	106 B	68.3 B		
Antimony	4.0	4.0	2.7	5.2	4.0	4.0	4.0	4.0	2.4 U	2.4 U	2.4 U		
Arsenic	3.9	3.8	3.5	3.8 UJ	4.0	4.0	4.0 UJ	3.8	2.4 U	2.4 U	2.4 U		
Barium	49.5	54.6	49.4	45.8	48.6	52.2	46.6	42.5	50.2 B	66.5 B	40.9 B		
Beryllium	0.10	0.10	0.10	0.10	0.50	0.50	0.50	0.10	0.10 U	0.10 U	0.10 U		
Cadmium	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Calcium	89,800	86,600	105,000	110,000	83,700	95,300	86,800 J	104,000	77,900	106,000	82,600		
Chromium	5.1	0.8	3.8	4.3	1.6	2.0	3.0	1.0	1.3 B	2.2 B	2.1 B		
Cobalt	0.60	0.60	0.40	0.60	0.70	0.70	0.70	0.60	0.20 U	0.20 U	0.20 U		
Copper	0.70	0.70	0.80	0.70	1.4	1.4	2.3	0.70	4.3 B	0.70 U	3.8 J		
Cyanide	0.60	0.80	0.60	2.2	0.60	0.60	0.60	0.60	0.60 U	0.60 U	0.60 U	10	**10**
Iron	38.3 U	147	34.3	46.3	49.3	12.9	204 J	142	341	145	168 J		
Lead	1.4 UJ	1.4	1.7	1.4 UJ	1.8	1.8	1.8	1.4 UJ	0.80 U	0.80 U	0.80 U		
Magnesium	25,600	23,700	29,100	29,900	23,100	26,000	24,200 J	29,900	22,700	27,100	20,500		
Manganese	7.6 J	22.0	1.2	6.6	7.8	11.2	20.4 J	8.8	43.7	37.4	5.7 J		
Mercury	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10 U	0.10 U	0.10 U		
Nickel	0.40 UJ	0.40	0.40	0.40	0.50	0.50	0.50	0.40	0.40 U	0.40 U	0.40 U		
Potassium	3,400	3,570	2,710 J	1,830	2,780 J	3,300	2,930 J	2,790	3,250	4,460 J	2,070 J		
Selenium	3.5 R	3.5	3.0 UJ	7.5 J	4.9 UJ	4.9 UJ	4.9	3.5	3.9 U	3.9 UJ	3.90 UJ		
Silver	1.1	1.5	0.60	2.3	1.0	1.0	1.0	1.1	0.30 U	0.30 U	0.30 U		
Sodium	52,800	53,000	96,800	39,400	48,200	46,000	32,300 J	66,300	44,100	43,400 J	40,500 J		
Thallium	4.1	4.1	8.4	4.1	2.6	2.6	2.6	4.1	4.5 B	4.1 B	3.4 B		
Vanadium	10.9	4.5	1.6	1.9	1.2	16.2	1.2	9.5	6.8 B	2.7 B	3.2 B		
Zinc	5.6	1.1	8.3	5.0	6.2	3.9	1.9	1.1	6.9 B	3.2 B	1.1 U		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	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) Results in BOLD indicate a detection above the Contract Required Quantitation Limit (CRQL). An analyte is only bolded if there is a corresponding Trigger Level.
4) Results shaded yellow, BOLD, and red with a thick outline indicates a detection above the Trigger Level.
5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
6) — = No Sample Available (Well Dry or Insufficient Volume)
7) U = Indicates compound was analyzed for but not detected.
8) B = (Inorganics) Indicates the result is between the Reporting Detection Limit (RDL) and Method Detection Limit (MDL) but below CRQL.
9) B = (Organics) Indicates the analyte was detected in the Method Blank.
10) UJ = A value less than the CRQL but greater than the MDL.
11) J = The analyte was positively identified; the associated numerical value is the estimated concentration of analyte in the sample.
12) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
13) CRQL = Contract Required Quantitation Limit
14) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
15) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)										TRIGGER LEVEL	CRQL
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07		
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry	Location Dry	Location Dry	Location Dry			
Aluminum	—	—	16.4	—	—	—	—	—	—	15.4 U		**200**
Antimony	—	—	4.0	—	—	—	—	—	—	2.4 U	**60**	**60**
Arsenic	—	—	3.8	—	—	—	—	—	—	2.4 U	**20**	**10**
Barium	—	—	24.5 J	—	—	—	—	—	—	31.3 B	**1,000**	**200**
Beryllium	—	—	0.1	—	—	—	—	—	—	0.10 U	**5**	**5**
Cadmium	—	—	0.1	—	—	—	—	—	—	0.10 U	**5**	**5**
Calcium	—	—	64,600 J	—	—	—	—	—	—	85,000		**5,000**
Chromium	—	—	0.8	—	—	—	—	—	—	1.2 B	**11**	**10**
Cobalt	—	—	0.6	—	—	—	—	—	—	0.20 U		**50**
Copper	—	—	0.7	—	—	—	—	—	—	2.0 J	**25**	**25**
Iron	—	—	10.5	—	—	—	—	—	—	8.5 U	**7,000**	**100**
Lead	—	—	1.4 UJ	—	—	—	—	—	—	0.80 U	**4.2**	**3**
Magnesium	—	—	10,700 J	—	—	—	—	—	—	13,800		**5,000**
Manganese	—	—	1.0	—	—	—	—	—	—	0.3 U		**15**
Mercury	—	—	0.1	—	—	—	—	—	—	0.10 U	**0.2**	**0.2**
Nickel	—	—	0.4	—	—	—	—	—	—	0.40 U	**96**	**40**
Potassium	—	—	4,250 J	—	—	—	—	—	—	3,250 B		**5,000**
Selenium	—	—	3.5 R	—	—	—	—	—	—	3.9 UJ	**8.5**	**5**
Silver	—	—	1.1	—	—	—	—	—	—	0.30 U	**10**	**10**
Sodium	—	—	2,260 J	—	—	—	—	—	—	1,260 B		**5,000**
Thallium	—	—	4.1	—	—	—	—	—	—	1.8 B	**40**	**10**
Vanadium	—	—	1.6	—	—	—	—	—	—	2.0 B		**50**
Zinc	—	—	34.8	—	—	—	—	—	—	81.2	**86**	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	560 J	—	—	—	—	—	—	15.4 U		
Antimony	—	—	4.0	—	—	—	—	—	—	2.4 U		
Arsenic	—	—	3.8	—	—	—	—	—	—	2.4 U		
Barium	—	—	29.2 J	—	—	—	—	—	—	33.1 B		
Beryllium	—	—	0.10	—	—	—	—	—	—	0.10 U		
Cadmium	—	—	0.10	—	—	—	—	—	—	0.10 U		
Calcium	—	—	69,600	—	—	—	—	—	—	91,100		
Chromium	—	—	1.9	—	—	—	—	—	—	1.3 B		
Cobalt	—	—	0.60	—	—	—	—	—	—	0.20 U		
Copper	—	—	1.7	—	—	—	—	—	—	2.5 J		
Cyanide	—	—	1.4	—	—	—	—	—	—	0.60 U	**10**	**10**
Iron	—	—	1,050 J	—	—	—	—	—	—	72.8 J		
Lead	—	—	1.4	—	—	—	—	—	—	0.80 U		
Magnesium	—	—	11,700	—	—	—	—	—	—	14,600		
Manganese	—	—	24.2 J	—	—	—	—	—	—	3.8 J		
Mercury	—	—	0.10	—	—	—	—	—	—	0.10 U		
Nickel	—	—	1.0	—	—	—	—	—	—	0.40 U		
Potassium	—	—	4,680 J	—	—	—	—	—	—	3,490 J		
Selenium	—	—	3.5 R	—	—	—	—	—	—	3.9 UJ		
Silver	—	—	1.1	—	—	—	—	—	—	0.30 U		
Sodium	—	—	2,300 J	—	—	—	—	—	—	1,290 J		
Thallium	—	—	4.1	—	—	—	—	—	—	4.0 B		
Vanadium	—	—	3.3	—	—	—	—	—	—	1.5 B		
Zinc	—	—	49.6	—	—	—	—	—	—	85.6		
Volatile Organic Compounds (VOCs)	—	—	BRL	—	—	—	—	—	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	BRL	—	—	—	—	—	—	BRL		
Pesticides / PCBs	—	—	BRL	—	—	—	—	—	—	BRL		

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

EarthTech

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

	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
Compound	**Sep-05**	**Sep-05**	**Mar-06**	**Jun-06**	**Sep-06**	**Nov-07**	**Mar-07**	**Jun-07**	**Sep-07**	**Dec-07**	**TRIGGER LEVEL**	**CRQL**
Inorganics - Metals (Dissolved)[14]	Location Dry	Location Dry		Location Dry	Location Dry	Location Dry		Location Dry	Location Dry			
Aluminum	—	—	17.5	—	—	—	43.2	—	—	15.4 U		**200**
Antimony	—	—	4.0	—	—	—	4.0	—	—	2.4 U	**60**	**60**
Arsenic	—	—	3.8	—	—	—	3.8	—	—	2.4 U	**20**	**10**
Barium	—	—	24.3 J	—	—	—	22.5	—	—	21.1 B	**1,000**	**200**
Beryllium	—	—	0.10	—	—	—	0.10	—	—	0.10 U	**5**	**5**
Cadmium	—	—	0.10	—	—	—	0.10	—	—	0.10 U	**5**	**5**
Calcium	—	—	65,300 J	—	—	—	129,000	—	—	173,000		**5,000**
Chromium	—	—	0.80	—	—	—	2.3	—	—	4.0 B	**11**	**10**
Cobalt	—	—	0.70	—	—	—	0.60	—	—	0.20 J		**50**
Copper	—	—	0.70	—	—	—	0.70	—	—	5.3 B	**25**	**25**
Iron	—	—	10.5	—	—	—	10.5	—	—	8.5 U	**7,000**	**100**
Lead	—	—	1.4	—	—	—	1.4 UJ	—	—	0.8 U	**4.2**	**3**
Magnesium	—	—	10,200 J	—	—	—	33,000	—	—	50,200		**5,000**
Manganese	—	—	1.0	—	—	—	1.3	—	—	1.7 B		**15**
Mercury	—	—	0.10	—	—	—	0.10	—	—	0.10 U	**0.2**	**0.2**
Nickel	—	—	0.50	—	—	—	0.40	—	—	0.40 U	**96**	**40**
Potassium	—	—	4,250 J	—	—	—	2,420	—	—	2,640 B		**5,000**
Selenium	—	—	3.5 R	—	—	—	3.5 R	—	—	3.9 UJ	**8.5**	**5**
Silver	—	—	1.1	—	—	—	1.1	—	—	0.30 B	**10**	**10**
Sodium	—	—	2,210	—	—	—	2,500	—	—	2,330 B		**5,000**
Thallium	—	—	4.1	—	—	—	4.1	—	—	3.6 B	**40**	**10**
Vanadium	—	—	1.4	—	—	—	9.3	—	—	6.4 B		**50**
Zinc	—	—	**34.4**	—	—	—	1.1	—	—	2.3 B	**86**	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	—	39.6 J	—	—	—	23.2	—	—	15.4 U		
Antimony	—	—	4.0	—	—	—	4.0	—	—	2.4 U		
Arsenic	—	—	3.8	—	—	—	3.8	—	—	2.4 U		
Barium	—	—	20.1 J	—	—	—	21.5	—	—	20.1 B		
Beryllium	—	—	0.1	—	—	—	0.1	—	—	0.10 U		
Cadmium	—	—	0.1	—	—	—	0.1	—	—	0.10 U		
Calcium	—	—	122,000	—	—	—	130,000	—	—	166,000		
Chromium	—	—	2.1	—	—	—	2.0	—	—	3.8 B		
Cobalt	—	—	0.60	—	—	—	0.60	—	—	0.20 U		
Copper	—	—	0.70	—	—	—	0.70	—	—	5.1 J		
Cyanide	—	—	0.60	—	—	—	0.60	—	—	0.60 U	**10**	**10**
Iron	—	—	35.6 J	—	—	—	54.2	—	—	8.50 J		
Lead	—	—	1.4	—	—	—	1.4 UJ	—	—	0.80		
Magnesium	—	—	33,200	—	—	—	32,000	—	—	48,600		
Manganese	—	—	1.7 J	—	—	—	2.7	—	—	1.1 J		
Mercury	—	—	0.10	—	—	—	0.10	—	—	0.10 U		
Nickel	—	—	0.60	—	—	—	1.1	—	—	0.40 B		
Potassium	—	—	2,270 J	—	—	—	2,310	—	—	2,520 J		
Selenium	—	—	3.5 R	—	—	—	3.5	—	—	3.90 U		
Silver	—	—	1.1	—	—	—	1.1	—	—	0.30 B		
Sodium	—	—	1,520 J	—	—	—	2,320	—	—	2,190 J		
Thallium	—	—	4.1	—	—	—	4.1	—	—	2.3 B		
Vanadium	—	—	3.0	—	—	—	8.9	—	—	5.3 B		
Zinc	—	—	1.1	—	—	—	1.1	—	—	1.3 B		
Volatile Organic Compounds (VOCs)	—	—	BRL	—	—	—	BRL	—	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	—	BRL	—	—	—	BRL	—	—	BRL		
Pesticides / PCBs	—	—	BRL	—	—	—	BRL	—	—	BRL		

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

EarthTech
A Tyco International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)											
	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Nov-06	Mar-07	Jun-07	Sep-07	Dec-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Location Dry			Location Dry					Location Dry			
Aluminum	—	12.5	16.4	—	14.8	14.8	16.4	14.5 U	—	15.4 U		**200**
Antimony	—	2.7	4	—	4	4.0	4.0	2.4 U	—	2.4 U	60	**60**
Arsenic	—	3.5	3.8	—	4	4.0 UJ	3.8	2.4 U	—	2.4 U	20	**10**
Barium	—	14.8 J	21.3 J	—	30.6	26.6	25.1	29.7 B	—	31.1 B	1,000	**200**
Beryllium	—	0.1	0.1	—	0.5	0.5	0.1	0.10 U	—	0.10 U	5	**5**
Cadmium	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U	—	0.10 U	5	**5**
Calcium	—	57,300	66,700 J	—	82,600	93,200 J	97,800	91,400	—	93,300		**5,000**
Chromium	—	1.7	0.8	—	1.2	2.5	2.6	1.0 B	—	1.5 B	11	**10**
Cobalt	—	0.4	0.6	—	0.7	0.7	0.6	0.20 U	—	0.20 U		**50**
Copper	—	1.8	0.7	—	1.4	1.4	0.7	5.4 B	—	2.9 J	25	**25**
Iron	—	2.9	10.5	—	12.9	12.9 J	12.7	8.5 U	—	8.5 U	7,000	**100**
Lead	—	1.7	1.4	—	1.8	1.8	1.4 UJ	0.80 U	—	0.80 U	4.2	**3**
Magnesium	—	10,900	12,900 J	—	18,400	19,000 J	22,100	21,100	—	10,900		**5,000**
Manganese	—	0.5	2.9	—	0.9	13.7 J	45.2	10.7 B	—	0.30 U		**15**
Mercury	—	0.10	0.10	—	0.10	0.10	0.10	0.10 U	—	0.10 U	0.2	**0.2**
Nickel	—	0.40	0.50	—	0.50	0.50	0.40	0.40 U	—	0.40 U	96	**40**
Potassium	—	3,570	3,980 J	—	3,540	3,090 J	2,830	5,970	—	2,080 B		**5,000**
Selenium	—	3.0	3.5 R	—	4.9	4.9 R	3.5 R	3.9 U	—	3.9 UJ	8.5	**5**
Silver	—	0.6	1.1	—	1	1.0	1.1	0.30 U	—	0.30 U	10	**10**
Sodium	—	2,730	3,960 J	—	6,540	6,640 J	7,260	12,400	—	298 B		**5,000**
Thallium	—	1.4	4.1	—	2.6	2.6	4.1	3.1 B	—	1.7 U	40	**10**
Vanadium	—	1.6	1.6	—	13.8	1.2	5.7	6.1 B	—	2.3 B		**50**
Zinc	—	5.6	1.1	—	51.6	0.7	1.1	2.8 B	—	4.4 B	86	**20**
Inorganics - Metals and Cyanide (Total)												
Aluminum	—	439	3,040 J	—	4030	497.0	723	194.0 B	—	15.4 U		
Antimony	—	2.7	4.0	—	4.0	4.0	4.0	2.4 U	—	2.4 U		
Arsenic	—	3.5	3.8	—	4.0	4.0 UJ	3.8	2.4 U	—	2.4 U		
Barium	—	16.8 J	35.4 J	—	55.3	28.4	29.1	30.2 B	—	26.9 B		
Beryllium	—	0.1	0.1	—	0.5	0.5	0.1	0.10 U	—	0.10 U		
Cadmium	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U	—	0.10 U		
Calcium	—	56,000	68,900	—	94100	88700 J	101000	90,300	—	86,900		
Chromium	—	2.5	4.3	—	5.2	2.9	4.1	1.3 B	—	0.90 B		
Cobalt	—	0.4	1.4	—	2.4	0.8	0.60	0.20 U	—	0.20 U		
Copper	—	2.0	2.8	—	1.4	1.4	0.70	5.3 B	—	2.0 J		
Cyanide	—	0.60	0.80	—	0.60	0.60	0.60	0.60 U	—	0.60 U	10	**10**
Iron	—	757 J	3,730 J	—	7240	968 J	1250	376	—	15.5 J		
Lead	—	1.7	1.4	—	6.0 J	1.8	1.4 UJ	0.80 U	—	0.80 U		
Magnesium	—	10,400	14000	—	20500	18400 J	22800	20,600	—	10,100		
Manganese	—	22.6	81.6 J	—	271.0	46.9 J	79.0	22.3	—	0.3 U		
Mercury	—	0.1	0.1	—	0.1	0.1	0.1	0.10 U	—	0.10 U		
Nickel	—	0.4	3.3	—	4.8	0.5	1.4	0.40 U	—	0.40 U		
Potassium	—	3,670	4,680 J	—	4360	2980 J	3120	5,900	—	1,970 J		
Selenium	—	3.0	3.5 R	—	4.9	4.9	3.5 UJ	3.9 U	—	3.9 U		
Silver	—	0.6	1.1	—	1.0	1.0	1.1	0.30 U	—	0.30 U		
Sodium	—	2,410	3,900 J	—	6640	6270 J	7310	12,100	—	65.0 J		
Thallium	—	1.4	4.1	—	2.6 UJ	2.6	4.1	3.2 B	—	1.7 U		
Vanadium	—	1.6	6.2	—	23.5	1.2	7.6	6.4 B	—	1.0 U		
Zinc	—	13.4	12.1	—	134	4	3	2.0 B	—	1.5 B		
Volatile Organic Compounds (VOCs)	—	BRL	BRL	—	BRL	BRL	BRL	BRL	—	BRL		
Semi-Volatile Organic Compounds (SVOCs)	—	BRL	BRL	—	BRL	BRL	BRL	BRL	—	BRL		
Pesticides / PCBs	—	BRL	BRL	—	BRL	BRL	BRL	BRL	—	BRL		

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

EarthTech
A Tyco International Ltd. Company

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

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	Sep-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled	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				
Semi-Volatile Organic Compounds (SVOCs)						BRL	BRL				
Pesticides / PCBs						BRL	BRL				

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

EarthTech
A Tyco International Ltd. Company

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

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	Sep-07	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled	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				
Semi-Volatile Organic Compounds (SVOCs)						BRL	BRL				
Pesticides / PCBs						BRL	BRL				

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

EarthTech
A Tetra International Ltd. Company

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

Compound	Quarterly Sampling Results (All Results Expressed in Units of µg/l)								TRIGGER LEVEL	CRQL
	Jun-05	Dec-05	Mar-06	Jun-06	Sep-06	Mar-07	Jun-07	Sep-07		
Inorganics - Metals (Dissolved)[14]	Not Sampled	Not Sampled	Not Sampled	Not Sampled	Annual	Annual	Not Sampled	Not Sampled		
Aluminum					14.8	49.9				200
Antimony					4.0	4.1			60	60
Arsenic					4.0	5.3			20	10
Barium					**415**	0.10			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**	**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				
Semi-Volatile Organic Compounds (SVOCs)					BRL	BRL				
Pesticides / PCBs					BRL	BRL				

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

EarthTech
A Tyco International Ltd. Company

APPENDIX C

LABORATORY DATA VALIDATION REPORT

EarthTech

A tyco International Ltd. Company

APPENDIX C

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 207121218

PROJECT MANAGER: Ron Rolker

Date: February 5, 2008

Data Validator: Janelle Murphy and 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 207121218 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 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) 207121218.

GCAL #	Sample Description
20712121801	SK-SWD03-1024
20712121804	SK-SWD03-1024 (DISS)
20712121805	SK-SWD02-1024
20712121806	SK-SW50-1024
20712121807	SK-SW50-1024 DUP
20712121809	SK-SWD02-1024 (DISS)
20712121810	SK-SW50-1024 (DISS)
20712121811	SK-SW50-1024 (DISS) DUP
20712121812	SK-SWD01-1024
20712121814	SK-SWD01-1024 (DISS)
20712121815	SK-SW51-1024
20712121816	SK-SW52-1024
20712121817	SK-MS-1024 (SW50)
20712121819	SK-DUP-1024 (SW50)
20712121821	SK-SW51-1024 (DISS)
20712121822	SK-SW52-1024 (DISS)
20712121823	SK-MS-1024 (SW50) (DISS)
20712121824	SK-DUP-1024 (SW50)(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-SW50-1024 (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 with the exception of Iron (35%) associated with the total fraction. As per the National Functional Guidelines, if the percent recovery is outside of the acceptance criteria of (<20%) then qualify detected results for that analyte with "J" and non-detected results with "UJ".

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SK-SW50-1024 (total and dissolved fractions) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) for all analytes with the exception of Selenium (61%) associated with the total fraction and Selenium (59%) associated with the dissolved 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 Manganese, Potassium, and 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

It should be noted that GCAL qualified the Aluminum results reported with an "E" qualifier indicating that the percent difference between the sample and its serial dilution was greater than 10%.
The results for Aluminum 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 Copper in the Contract Required Detection Limit (CRDL) standards analyzed on 12/28/07 were 132%, 133% and 135%.

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 12/28/07 were 133%, 137% and 116%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 12/28/07 were 104%, 115% and 79%.

As per the National Functional Guidelines, if the CRDL percent recovery is above 120% then detected results are qualified as estimated with "J". If the CRDL percent recovery is less than 80% then detected results are qualified "J" and non-detected results are qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207121218 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 December 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 207121218.

GCAL #	Sample Description
20712121801	SK-SWD03-1024
20712121805	SK-SWD02-1024
20712121806	SK-SW50-1024
20712121807	SK-SW50-1024 DUP
20712121812	SK-SWD01-1024
20712121815	SK-SW51-1024
20712121816	SK-SW52-1024
20712121817	SK-MS-1024 (SW50)
20712121818	SK-MSD-1024 (SW50)
20712121825	SK-SW50-1024 (RE)
20712121826	SK-SW51-1024 (RE)
20712121827	SK-SW52-1024 (RE)
20712121828	SK-MS-1024 (SW50) RE
20712121829	SK-MSD-1024 (SW50) RE

INTRODUCTION

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

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

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

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

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

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

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

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks
5. 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. Samples SK-SW50-1024 (RE), SK-SW51-1024 (RE), SK-SW52-1024 (RE), SK-MS-1024 (SW50) (RE), SK-MSD-1024 (SW50) (RE) 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/MS TUNING

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

3. CALIBRATION

A. Initial Calibration

One IC dated 12/27/07 was analyzed on instrument MSSV3 in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent Relative Standard Deviation (%RSD) values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF and the average RRF for the IC was within the acceptance criteria specified in the method for all target compounds. The %RSDs were within the acceptance criteria specified in the method for all target compounds with the exception of 2,4-Dinitrophenol and Indeno(1,2,3-cd)pyrene. The data validator dropped the lowest point of the calibration curve for 2,4-Dinitrophenol and Indeno(1,2,3-cd)pyrene and re-calculated the %RSDs. The re-calculated %RSD for 2,4-Dinitrophenol was 25.2% and the re-calculated %RSD for Indeno(1,2,3-cd)pyrene was 16.6%, which are both within the acceptance criteria of less than or equal to 30%.

B. Continuing Calibration

One CC dated 12/31/07 was analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRFs were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors for the CC were within the acceptance criteria (<25%). The percent difference (%D) between the average RRFs and the CC Response Factors for the CC were within the acceptance criteria (<25%).

4. BLANKS

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

Method Blank (MB556419)

Bis(2-ethylhexyl)phthalate (0.7 ppb) was detected in the method blank extracted on 12/15/07.

Method Blank (MB560481)

Bis(2-ethylhexyl)phthalate (0.4 ppb) was detected in the method blank extracted on 12/28/07.

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, 2-Fluorobiphenyl, Phenol-d5, 2,4,6-Tribromophenol, 2-Fluorophenol, and 2-Chlorophenol-d4 associated with samples SK-SW51-1024, SK-SW52-1024, SK-MS-1024 (SW50), and SK-MSD-1024 (SW50) and 1,2-Dichlorobenzene-d4 associated with samples SK-SW52-1024 and SK-MS-1024 (SW50). As per the National Functional Guidelines; if any surrogate in either semivolatile fraction has a recovery of less than 10 percent then qualify detected semivolatile target compounds for that fraction with "J" and non-detected results for that fraction with "R".

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

Sample SK-SW50-1024 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were not within the acceptance criteria. Sample SK-SW50-1024 was re-analyzed and the MS/MSD percent recoveries were within the acceptance criteria with the exception of 4-Nitrophenol (84%) associated with the MS. The percent RPDs between the MS and MSD were within the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD results alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas were within the acceptance limits for the reported semivolatile samples with the exception Perylene-d12 (high), Chrysene-d12 (high), and 1,4-Dichlorobenzene-d4 (high) associated with sample SK-SW52-1024. The IS areas were within the acceptance limits for the re-extraction of sample SK-SW52-1024. Retention Times (RT) are within the acceptance limits for the reported semivolatile samples. As per the National Functional Guidelines, if an IS area count for a sample or blank is greater then +100 percent of the area for the associated standard then positive results for compounds quantitated using that IS should be qualified with "J".

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 207121218 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 December 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 207121218.

GCAL #	Sample Description
20712121801	SK-SWD03-1024
20712121802	SK-TB-1024
20712121805	SK-SWD02-1024
20712121806	SK-SW50-1024
20712121807	SK-SW50-1024 DUP
20712121808	TRIP BLANK
20712121812	SK-SWD01-1024
20712121813	TRIP BLANK
20712121815	SK-SW51-1024
20712121816	SK-SW52-1024
20712121817	SK-MS-1024 (SW50)
20712121818	SK-MSD-1024 (SW50)
20712121820	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 MSV0. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 12/19/07 was analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRFs as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRFs and the average RRF for the IC dated 12/19/07 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. The %RSDs 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 12/19/07 was analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRFs and the CC RF's for the CC dated 12/19/07 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, and three Trip Blanks were analyzed with this SDG. The results are summarized below.

MB557454

Chloroform (0.66 ppb) and Xylene (total) (0.024ppb) were detected in method blank MB557454 analyzed on 12/19/07 (1543).

Storage Blank (VHBLK)

Chloroform (0.52 ppb) was detected in the in the Storage Blank analyzed on 12/19/07.

Trip Blank

There were no compounds detected in the Trip Blank associated with the samples received on 12/12/07.

Trip Blank

There were no compounds detected in the Trip Blank associated with the samples received on 12/13/07.

Trip Blank

There were no compounds detected in the Trip Blank associated with the samples received on 12/14/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

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

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1024 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

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 207121218 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 December 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 207121218.

GCAL #	Sample Description
20712121801	SK-SWD03-1024
20712121805	SK-SWD02-1024
20712121806	SK-SW50-1024
20712121807	SK-SW50-1024 DUP
20712121812	SK-SWD01-1024
20712121815	SK-SW51-1024
20712121816	SK-SW52-1024
20712121817	SK-MS-1024 (SW50)
20712121818	SK-MSD-1024 (SW50)

INTRODUCTION

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

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.
During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

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

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

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

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

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

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

1. HOLDING TIMES

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

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

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

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

3. INITIAL CALIBRATION

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

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

4. CALIBRATION VERIFICATION

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

5. BLANKS

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

<u>Method Blank 556402</u>

No constituents were reported by GCAL for the method blank extracted on 12/16/07.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples except TCX (28%) associated with sample SK-SWD01-1024. As per the National Functional Guidelines, if recoveries are between 10 and 30 percent qualify detected results with "J" and non-detected results with "UJ".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1024 was submitted for MS/MSD analysis. All of the percent recoveries associated with the MS/MSD were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria with the exception of Lindane. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

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

9. TARGET COMPOUND IDENTIFICATION

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

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

A few samples were reported with SL preceding the sample ID. These samples should have been reported with SK preceding the ID. The data validator manually corrected this in the data package. The results are acceptable as qualified by the data validator.

REFERENCES

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

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

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 01/03/2008

GCAL Report 207121218

RESUBMITTED

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

Customer Earth Tech

Project Skinner Landfill

CASE NARRATIVE

Client: Earth Tech **Report:** 207121218

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.

Select pages are being resubmitted on 2/21/08 to remove duplicated pages from the OLM04.2 – CLP Semivolatiles analysis data package and at the client's request to re-quantitate bis(2-Ethylhexyl)phthalate for MB560481.

Select pages are being resubmitted on 2/8/08 to provide the PEM amounts in mg/L for OLM04.2 – CLP Pesticide analysis, to replace the form 1's and raw data for OLM04.2 – CLP Pesticide analysis for the MS/MSD samples and to provide the level 3 calibration raw data for OLM04.2-CLP Volatiles analysis.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 – CLP Semivolatiles analysis, samples 20712121815 (SK-SW51-1024), 20712121816 (SK-SW52-1024), 20712121817 (SK-MS-1024 (SW50)), and 20712121818 (SK-MSD-1024 (SW50)) were apparently not spiked in the original extracts (surrogate and spike solutions). The samples were re-extracted outside the holding time and re-analyzed. Sample 20712121806 (SK-SW50-1024) was also re-extracted and re-analyzed because it is the original sample for the MS/MSD. Data is reported for both extracts. The re-extract data is reported with RE added to the client ID. Sample 20712121816 (SK-SW52-1024) had internal standard failures in the original analysis but the IS was within limits in the re-analysis.

In the OLM04.2 – CLP Semivolatiles analysis for prep batch 364432, one spike recovery was above the upper control limit.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 363576, the MS/MSD exhibited an RPD failure for gamma-BHC (Lindane), however all spike recoveries were within acceptable QC limits.

In the OLM04.2 - CLP Pest/PCB analysis, 20712121812 (SK-SWD01-1024), the surrogate recovery for TCMX was below QC limits on one column; however, this recovery was within suggested QC limits on the second column.

METALS

In the ILM04.1 - CLP Metals analysis for prep batch 363621, the MS and/or MSD recovery was outside the control limits for Selenium (Total and Dissolved). The LCS recovery was within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed for Total Selenium with a recovery of 58%The Sample/Duplicate RPDs for Aluminum, Thallium, Vanadium and Iron are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. The Sample/Duplicate RPD for Total Iron was above the control limit. Aluminum, Manganese, Potassium and Sodium are flagged as "E",estimated due to the fact that the percent difference between the original sample result and the serial dilution result for the batch QC sample is greater than 10. A chemical or physical interference is suspected.

In the ILM4.1-CLP Metals analysis, the dissolved concentrations were greater than the total concentrations for several metals for several samples. This is attributed to separate aliquots of the samples. It is assumed that these metals are only present in the dissolved form.

RESUBMITTED

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD03-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121801

Level: (low/med) Lab File ID: 2071219/x1625

% Moisture: not dec. Date Collected: 12/10/07 Time: 1515

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/12/07

nstrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1628

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD03-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121801

Level: (low/med) Lab File ID: 2071219/x1625

% Moisture: not dec. Date Collected: 12/10/07 Time: 1515

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/12/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1628

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SWD03-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121801

Sample wt/vol: Units: Lab File ID: 2071219/x1625

Level: (low/med) Date Collected: 12/10/07 Time: 1515

% Moisture: not dec. Date Received: 12/12/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1628

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: *ug/L*

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121802

Level: (low/med) Lab File ID: 2071219/x1626

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/12/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1654

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JCM

20

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121802

Level: (low/med) Lab File ID: 2071219/x1626

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID. .53 (mm) Date Received: 12/12/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1654

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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.
TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121802

Sample wt/vol: Units: Lab File ID: 2071219/x1626

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

% Moisture: not dec. Date Received: 12/12/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1654

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121803

Level: (low/med) Lab File ID: 2071219/x1638

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/12/07

Instrument ID: MSVC Date Analyzed: 12/19/07 Time: 2129

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	0.52	JB	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JLM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121803

Level: (low/med) Lab File ID: 2071219/x1638

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/12/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2129

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD02-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121805

Level: (low/med) Lab File ID: 2071219/x1630

% Moisture: not dec. Date Collected: 12/12/07 Time: 1000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1826

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JLM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD02-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121805

Level: (low/med) Lab File ID: 2071219/x1630

% Moisture: not dec. Date Collected: 12/12/07 Time: 1000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1826

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SWD02-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121805

Sample wt/vol: Units: Lab File ID: 2071219/x1630

Level: (low/med) Date Collected: 12/12/07 Time: 1000

% Moisture: not dec. Date Received: 12/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1826

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121806

Level: (low/med) Lab File ID: 2071219/x1624

% Moisture: not dec. Date Collected: 12/12/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1606

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121806

Level: (low/med) Lab File ID: 2071219/x1624

% Moisture: not dec. Date Collected: 12/12/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSVC Date Analyzed: 12/19/07 Time: 1606

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SW50-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121806

Sample wt/vol: Units: Lab File ID: 2071219/x1624

Level: (low/med) Date Collected: 12/12/07 Time: 1500

% Moisture: not dec. Date Received: 12/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1606

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol. 25 (g/ml) mL Lab Sample ID: 20712121807

Level: (low/med) Lab File ID: 2071219/x1631

% Moisture: not dec. Date Collected: 12/12/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

nstrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1849

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JKM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW50-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121807

Level: (low/med) Lab File ID: 2071219/x1631

% Moisture: not dec. Date Collected: 12/12/07 Time: 1500

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1849

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SW50-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121807

Sample wt/vol: Units: Lab File ID: 2071219/x1631

Level: (low/med) Date Collected: 12/12/07 Time: 1500

% Moisture: not dec. Date Received: 12/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1849

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: *ug/L*

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121808

Level: (low/med) Lab File ID: 2071219/x1632

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1912

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121808

Level: (low/med) Lab File ID: 2071219/x1632

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/13/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1912

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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.
TRIP BLANK SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121808

Sample wt/vol: Units: Lab File ID: 2071219/x1632

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

% Moisture: not dec. Date Received: 12/13/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1912

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD01-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121812

Level: (low/med) Lab File ID: 2071219/x1633

% Moisture: not dec. Date Collected: 12/13/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/14/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1935

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD01-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121812

Level: (low/med) Lab File ID: 2071219/x1633

% Moisture: not dec. Date Collected: 12/13/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/14/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1935

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SWD01-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121812

Sample wt/vol: Units: Lab File ID: 2071219/x1633

Level: (low/med) Date Collected: 12/13/07 Time: 1030

% Moisture: not dec. Date Received: 12/14/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1935

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121813

Level: (low/med) Lab File ID: 2071219/x1634

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/14/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1958

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08
JKM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121813

Level: (low/med) Lab File ID: 2071219/x1634

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/14/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 1958

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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.
TRIP BLANK-SK-TB-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121813

Sample wt/vol: Units: Lab File ID: 2071219/x1634

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

% Moisture: not dec. Date Received: 12/14/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 1958

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW51-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121815

Level: (low/med) Lab File ID: 2071219/x1635

% Moisture: not dec. Date Collected: 12/14/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2021

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JLM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW51-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121815

Level: (low/med) Lab File ID: 2071219/x1635

% Moisture: not dec. Date Collected: 12/14/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2021

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SW51-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121815

Sample wt/vol: Units: Lab File ID: 2071219/x1635

Level: (low/med) Date Collected: 12/14/07 Time: 1300

% Moisture: not dec. Date Received: 12/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2021

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121816

Level: (low/med) Lab File ID: 2071219/x1636

% Moisture: not dec. Date Collected: 12/14/07 Time: 1530

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2043

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08 JKM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SW52-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121816

Level: (low/med) Lab File ID: 2071219/x1636

% Moisture: not dec. Date Collected: 12/14/07 Time: 1530

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2043

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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-SW52-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: Water Lab Sample ID: 20712121816

Sample wt/vol: Units: Lab File ID: 2071219/x1636

Level: (low/med) Date Collected: 12/14/07 Time: 1530

% Moisture: not dec. Date Received: 12/15/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2043

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: *0*

CONCENTRATION UNITS: *ug/L*

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121820

Level: (low/med) Lab File ID: 2071219/x1637

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2106

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/14/08
JKM

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712121820

Level: (low/med) Lab File ID: 2071219/x1637

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/15/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2106

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD03-1024

Contract:

Lab File ID: 2071227/b5885

Lab Sample ID: 20712121801

Date Collected: 12/10/07 Time: 1515

Date Received: 12/12/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1446

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD03-1024

Contract:

Lab File ID: 2071227/b5885

Lab Sample ID: 20712121801

Date Collected: 12/10/07 Time: 1515

Date Received: 12/12/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1446

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/14/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD03-1024

Contract:

Lab File ID: 2071227/b5885

Lab Sample ID: 20712121801

Date Collected: 12/10/07 Time: 1515

Date Received: 12/12/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1446

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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-SWD03-1024

Contract:

Lab File ID: 2071227/b5885

Lab Sample ID: 20712121801

Date Collected: 12/10/07 Time: 1515

Date Received: 12/12/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1446

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	96-19-5	1-Propene, 1,2,3-trichloro-	.949	1.95	
2.		Unknown	5.581	11.3	

FORM I SV-TIC

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD02-1024

Contract:

Lab File ID: 2071227/b5886

Lab Sample ID: 20712121805

Date Collected: 12/12/07 Time: 1000

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1502

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD02-1024

Contract:

Lab File ID: 2071227/b5886

Lab Sample ID: 20712121805

Date Collected: 12/12/07 Time: 1000

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1502

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/14/08
gkm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD02-1024

Contract:

Lab File ID: 2071227/b5886

Lab Sample ID: 20712121805

Date Collected: 12/12/07 Time: 1000

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1502

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/14/08 JLM

170

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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-SWD02-1024

Contract:

Lab File ID: 2071227/b5886

Lab Sample ID: 20712121805

Date Collected: 12/12/07 Time: 1000

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1502

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 1

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	149-57-5	Hexanoic acid, 2-ethyl-	1.936	1.13	

FORM I SV-TIC

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024

Contract:

Lab File ID: 2071227/b5887

Lab Sample ID: 20712121806

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1517

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: SK-SW50-1024

Contract:

Lab File ID: 2071227/b5887

Lab Sample ID: 20712121806

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1517

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	~~2~~ 10	JB	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	10	U	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	1	J	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	0.7	J	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	0.9	J	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

U

FORM I SV-1

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.. SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024

Contract:

Lab File ID: 2071227/b5887

Lab Sample ID: 20712121806

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1517

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: ML

Level: (low/med) LOW

% 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-SW50-1024

Contract:

Lab File ID: 2071227/b5887

Lab Sample ID: 20712121806

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1517

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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.	~~75-09-2~~	~~Methylene Chloride~~	~~.523~~	~~.86~~	
2.	2380-94-1	1H-Indol-4-ol	3.457	1.93	
3.		Unknown	.903	.898	
4.	2233-00-3	1-Propene, 3,3,3-trichloro-	.948	1.54	
5.		Unknown	2.407	1.43	
6.		Unknown	2.447	2.38	
7.		Unknown	2.481	1.73	
8.		Unknown	2.549	4.13	
9.		Unknown	2.578	1.14	
10.	398-23-2	1,1'-Biphenyl, 4,4'-difluoro-	2.87	.928	

FORM I SV-TIC 2/14/08 MSV

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024 DUP

Contract:

Lab File ID: 2071227/b5888

Lab Sample ID: 20712121807

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1533

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121218
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024 DUP
Contract:
Lab File ID: 2071227/b5888
Lab Sample ID: 20712121807
Date Collected: 12/12/07 Time: 1500
Date Received: 12/13/07
Date Extracted: 12/15/07
Date Analyzed: 12/27/07 Time: 1533
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: OLMO 4.2
Instrument ID: MSSV3
Prep Batch: 363583 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	~~0.9~~ 10	JB	0.01	10	U
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	
85-68-7	Butylbenzylphthalate	10	U	0.01	10	
86-74-8	Carbazole	10	U	0.01	10	
218-01-9	Chrysene	10	U	0.01	10	
84-74-2	Di-n-butylphthalate	10	U	0.01	10	
117-84-0	Di-n-octylphthalate	10	U	0.01	10	
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	
132-64-9	Dibenzofuran	10	U	0.01	10	
84-66-2	Diethylphthalate	10	U	0.01	10	
131-11-3	Dimethyl-phthalate	10	U	0.01	10	
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	
206-44-0	Fluoranthene	10	U	0.01	10	
86-73-7	Fluorene	10	U	0.01	10	
118-74-1	Hexachlorobenzene	10	U	0.01	10	
87-68-3	Hexachlorobutadiene	10	U	0.01	10	
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	
67-72-1	Hexachloroethane	10	U	0.01	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	
78-59-1	Isophorone	10	U	0.01	10	
91-20-3	Naphthalene	10	U	0.01	10	
100-01-6	4-Nitroaniline	25	U	0.01	25	
98-95-3	Nitrobenzene	10	U	0.01	10	
100-02-7	4-Nitrophenol	25	U	0.01	25	
87-86-5	Pentachlorophenol	25	U	0.01	25	
85-01-8	Phenanthrene	10	U	0.01	10	
108-95-2	Phenol	10	U	0.01	10	
129-00-0	Pyrene	10	U	0.01	10	
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	

FORM I SV-1

02/14/08
JKM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024 DUP

Contract:

Lab File ID: 2071227/b5888

Lab Sample ID: 20712121807

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1533

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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-SW50-1024 DUP

Contract:

Lab File ID: 2071227/b5888

Lab Sample ID: 20712121807

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1533

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	1.703	.383	
2.	149-57-5	Hexanoic acid, 2-ethyl-	1.945	3.7	

FORM I SV-TIC

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD01-1024

Contract:

Lab File ID: 2071227/b5889

Lab Sample ID: 20712121812

Date Collected: 12/13/07 Time: 1030

Date Received: 12/14/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1548

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD01-1024

Contract:

Lab File ID: 2071227/b5889

Lab Sample ID: 20712121812

Date Collected: 12/13/07 Time: 1030

Date Received: 12/14/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1548

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

U

FORM I SV-1

02/14/08 JKM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD01-1024

Contract:

Lab File ID: 2071227/b5889

Lab Sample ID: 20712121812

Date Collected: 12/13/07 Time: 1030

Date Received: 12/14/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1548

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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-SWD01-1024

Contract:

Lab File ID: 2071227/b5889

Lab Sample ID: 20712121812

Date Collected: 12/13/07 Time: 1030

Date Received: 12/14/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1548

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 9

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	96-19-5	1-Propene, 1,2,3-trichloro-	.951	2.09	
2.	111-46-6	Ethanol, 2,2'-oxybis-	1.076	4.96	
3.	3274-29-1	Heptanoic acid, 2-ethyl-	2.03	86.5	
4.		Unknown	2.424	5.45	
5.		Unknown	2.495	3.66	
6.		Unknown	2.561	8.3	
7.		Unknown	2.58	1.22	
8.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.458	3.39	
9.		Unknown	4.616	1.24	

FORM I SV-TIC

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024

Contract:

Lab File ID: 2071227/b5890

Lab Sample ID: 20712121815

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1603

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/18/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024

Contract:

Lab File ID: 2071227/b5890

Lab Sample ID: 20712121815

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1603

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	~~97~~ 10	JB	0.01	10	UR
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	R
85-68-7	Butylbenzylphthalate	10	U	0.01	10	R
86-74-8	Carbazole	10	U	0.01	10	R
218-01-9	Chrysene	10	U	0.01	10	R
84-74-2	Di-n-butylphthalate	10	U	0.01	10	R
117-84-0	Di-n-octylphthalate	10	U	0.01	10	R
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	R
132-64-9	Dibenzofuran	10	U	0.01	10	R
84-66-2	Diethylphthalate	10	U	0.01	10	R
131-11-3	Dimethyl-phthalate	10	U	0.01	10	R
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	R
206-44-0	Fluoranthene	10	U	0.01	10	R
86-73-7	Fluorene	10	U	0.01	10	R
118-74-1	Hexachlorobenzene	10	U	0.01	10	R
87-68-3	Hexachlorobutadiene	10	U	0.01	10	R
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	R
67-72-1	Hexachloroethane	10	U	0.01	10	R
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	R
78-59-1	Isophorone	10	U	0.01	10	R
91-20-3	Naphthalene	10	U	0.01	10	R
100-01-6	4-Nitroaniline	25	U	0.01	25	R
98-95-3	Nitrobenzene	10	U	0.01	10	R
100-02-7	4-Nitrophenol	25	U	0.01	25	R
87-86-5	Pentachlorophenol	25	U	0.01	25	R
85-01-8	Phenanthrene	10	U	0.01	10	R
108-95-2	Phenol	10	U	0.01	10	R
129-00-0	Pyrene	10	U	0.01	10	R
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	R

FORM I SV-1

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024

Contract:

Lab File ID: 2071227/b5890

Lab Sample ID: 20712121815

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1603

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

JKM 02/18/08

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 996 Units: ML

Level: (low/med) LOW

% 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-SW51-1024

Contract:

Lab File ID: 2071227/b5890

Lab Sample ID: 20712121815

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1603

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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.	~~75-09-2~~	~~Methylene Chloride~~	~~.346~~	~~.48~~	
2.	57-11-4	Octadecanoic acid	5.098	1.05	
3.	~~75-09-2~~	~~Methylene Chloride~~	~~.375~~	~~.453~~	
4.	~~75-09-2~~	~~Methylene Chloride~~	~~.386~~	~~.358~~	
5.	~~75-09-2~~	~~Methylene Chloride~~	~~.398~~	~~.28~~	
6.	~~75-09-2~~	~~Methylene Chloride~~	~~.46~~	~~.462~~	
7.	~~75-09-2~~	~~Methylene Chloride~~	~~.75~~	~~.474~~	
8.		Unknown	1.851	.329	
9.	3274-29-1	Heptanoic acid, 2-ethyl-	1.93	.572	
10.	57-10-3	Hexadecanoic acid	4.618	.614	

FORM I SV-TIC 2/14/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024

Contract:

Lab File ID: 2071227/b5891

Lab Sample ID: 20712121816

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1619

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

~~02/14~~ 02/18/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024

Contract:

Lab File ID: 2071227/b5891

Lab Sample ID: 20712121816

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1619

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/14/08 JCM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024

Contract:

Lab File ID: 2071227/b5891

Lab Sample ID: 20712121816

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1619

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363583 Analytical Batch: 364242

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

FORM I SV-1

02/18/08

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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-SW52-1024

Contract:

Lab File ID: 2071227/b5891

Lab Sample ID: 20712121816

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/15/07

Date Analyzed: 12/27/07 Time: 1619

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~~	~~.341~~	~~.768~~	
2.		Unknown	5.637	.307	
3.	~~75-09-2~~	~~Methylene Chloride~~	~~.364~~	~~.315~~	
4.	~~75-09-2~~	~~Methylene Chloride~~	~~.386~~	~~.259~~	
5.		Unknown	.906	.493	
6.	1070-78-6	Propane, 1,1,1,3-tetrachloro-	.948	1.03	
7.	149-57-5	Hexanoic acid, 2-ethyl-	1.95	3.53	
8.		Unknown	2.541	.358	
9.	832-69-9	Phenanthrene, 1-methyl-	4.141	.27	
10.	0-00-0	Pyridine, 1,2,3,6-tetrahydro-4	4.615	.369	

2/14/08 mr

FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121218
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: DB-5MS-30M ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024 (RE)
Contract:
Lab File ID: 2071231/b5904
Lab Sample ID: 20712121825
Date Collected: 12/12/07 Time: 1500
Date Received: 12/13/07
Date Extracted: 12/28/07
Date Analyzed: 12/31/07 Time: 1619
Dilution Factor: 1 Analyst: RRR
Prep Method: OLM4.2 SVOA
Analytical Method: OLMO 4.2
Instrument ID: MSSV3
Prep Batch: 364432 Analytical Batch: 364439

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

02/18/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW50-1024 (RE)

Contract:

Lab File ID: 2071231/b5904

Lab Sample ID: 20712121825

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1619

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/18/08 gkm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: SK-SW50-1024 (RE)

Contract:

Lab File ID: 2071231/b5904

Lab Sample ID: 20712121825

Date Collected: 12/12/07 Time: 1500

Date Received: 12/13/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1619

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/18/08 gkm

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024 (RE)

Contract:

Lab File ID: 2071231/b5899

Lab Sample ID: 20712121826

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1501

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/18/08 JKM

300

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024 (RE)

Contract:

Lab File ID: 2071231/b5899

Lab Sample ID: 20712121826

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1501

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: SK-SW51-1024 (RE)

Contract:

Lab File ID: 2071231/b5899

Lab Sample ID: 20712121826

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1501

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/18/08 JLM

002

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024 (RE)

Contract:

Lab File ID: 2071231/b5900

Lab Sample ID: 20712121827

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1517

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: SK-SW52-1024 (RE)

Contract:

Lab File ID: 2071231/b5900

Lab Sample ID: 20712121827

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1517

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/14/08 JLM

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121218

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024 (RE)

Contract:

Lab File ID: 2071231/b5900

Lab Sample ID: 20712121827

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1517

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/18/08 gkm

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363576 Analytical Batch: 364200

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD03-1024

Contract:

SAS No.: SDG No.: 207121218

Lab Sample ID: 20712121801

Date Collected: 12/10/07 Time: 1515

Date Received: 12/12/07

Date Extracted: 12/16/07

Date Analyzed: 12/21/07 Time: 1133

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b025

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

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363576 Analytical Batch: 364200

CONCENTRATION UNITS: ug/L

Sample ID: SK-SWD02-1024

Contract:

SAS No.: SDG No.: 207121218

Lab Sample ID: 20712121805

Date Collected: 12/12/07 Time: 1000

Date Received: 12/13/07

Date Extracted: 12/16/07

Date Analyzed: 12/21/07 Time: 1150

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b026

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

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363576 Analytical Batch: 364200

Sample ID: SK-SW50-1024
Contract:
SAS No.: SDG No.: 207121218
Lab Sample ID: 20712121806
Date Collected: 12/12/07 Time: 1500
Date Received: 12/13/07
Date Extracted: 12/16/07
Date Analyzed: 12/21/07 Time: 1209
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

CONCENTRATION UNITS: ug/L

Lab File ID: 2071219/sv18b027

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

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SK-SW50-1024 DUP
Lab Code: LA024 Case No.:
Contract:
Matrix: Water
SAS No.: SDG No.: 207121218
Sample wt/vol: 960 Units: mL
Lab Sample ID: 20712121807
Level: (low/med) LOW
Date Collected: 12/12/07 Time: 1500
% Moisture: decanted: (Y/N)
Date Received: 12/13/07
GC Column: ID: (mm)
Date Extracted: 12/16/07
Concentrated Extract Volume: 1000 (µL)
Date Analyzed: 12/21/07 Time: 1227
Soil Aliquot Volume: (µL)
Dilution Factor: 1 Analyst: DLB
Injection Volume: 1 (µL)
Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:
Analytical Method: OLMO 4.2
Prep Batch: 363576 Analytical Batch: 364200
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B
CONCENTRATION UNITS: ug/L
Lab File ID: 2071219/sv18b028

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

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363576 Analytical Batch: 364200

Sample ID: SK-SWD01-1024
Contract:
SAS No.: SDG No.: 207121218
Lab Sample ID: 20712121812
Date Collected: 12/13/07 Time: 1030
Date Received: 12/14/07
Date Extracted: 12/16/07
Date Analyzed: 12/21/07 Time: 1245
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B
Lab File ID: 2071219/sv18b029

CONCENTRATION UNITS: ug/L

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

JLM 03/12/08

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363576 Analytical Batch: 364200

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW51-1024

Contract:

SAS No.: SDG No.: 207121218

Lab Sample ID: 20712121815

Date Collected: 12/14/07 Time: 1300

Date Received: 12/15/07

Date Extracted: 12/16/07

Date Analyzed: 12/21/07 Time: 1303

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b030

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

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363576 Analytical Batch: 364200

CONCENTRATION UNITS: ug/L

Sample ID: SK-SW52-1024

Contract:

SAS No.: SDG No.: 207121218

Lab Sample ID: 20712121816

Date Collected: 12/14/07 Time: 1530

Date Received: 12/15/07

Date Extracted: 12/16/07

Date Analyzed: 12/21/07 Time: 1320

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b031

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

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

EPA SAMPLE NO.

SK-SWD03-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121801

Level: (low / med) Date Received: 12/12/07

% 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		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	26.9	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	86900			P	
7440-47-3	Chromium	0.9	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	2.0	B		P	J
7439-89-6	Iron	15.5	B		P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	10100			P	
7439-96-5	Manganese	0.3	U	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	1970	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	65.0	B	E	P	J
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	1.0	U		P	
7440-66-6	Zinc	1.5	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

02/18/08 gLm

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

EPA SAMPLE NO.

SK-SWD03-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121804

Level: (low / med) Date Received: 12/12/07

% 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		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	31.1	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	93300			P	
7440-47-3	Chromium	1.5	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	2.9	B		P	J
7439-89-6	Iron	8.5	U		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	10900			P	
7439-96-5	Manganese	0.3	U	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2080	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	298	B	E	P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	2.3	B		P	
7440-66-6	Zinc	4.4	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/18/08 gkm

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

EPA SAMPLE NO.

SK-SWD02-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121805

Level: (low / med) Date Received: 12/13/07

% 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	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	20.1	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	166000			P	
7440-47-3	Chromium	3.8	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	5.1	B		P	J
7439-89-6	Iron	8.5	U		P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	48600			P	
7439-96-5	Manganese	1.1	B	E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2520	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	2190	B	E	P	J
7440-28-0	Thallium	2.3	B		P	
7440-62-2	Vanadium	5.3	B		P	
7440-66-6	Zinc	1.3	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:

02/18/08 gkm

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

EPA SAMPLE NO.

SK-SW50-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121806

Level: (low / med) Date Received: 12/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	302		E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	40.5	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	74100			P	
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.2	U		P	J
7440-50-8	Copper	4.7	B		P	
7439-89-6	Iron	508			P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	17700			P	
7439-96-5	Manganese	36.0		E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2430	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	42100		E	P	J
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	3.1	B		P	
7440-66-6	Zinc	6.3	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

02/18/08 gkm

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121807

Level: (low / med) Date Received: 12/13/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	403		E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	41.2	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	77400			P	
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	5.0	B		P	J
7439-89-6	Iron	720			P	J
7439-92-1	Lead	2.4	B		P	J
7439-95-4	Magnesium	17900			P	
7439-96-5	Manganese	40.2		E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2460	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	41700		E	P	J
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	4.6	B		P	
7440-66-6	Zinc	6.6	B		P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gum

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

EPA SAMPLE NO.

SK-SWD02-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121809

Level: (low / med) Date Received: 12/13/07

% 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	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	21.1	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	173000			P	
7440-47-3	Chromium	4.0	B		P	
7440-48-4	Cobalt	0.2	U		P	J
7440-50-8	Copper	5.3	B		P	
7439-89-6	Iron	8.5	U		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	50200			P	
7439-96-5	Manganese	1.7	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2640	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	B		P	
7440-23-5	Sodium	2330	B	E	P	
7440-28-0	Thallium	3.6	B		P	
7440-62-2	Vanadium	6.4	B		P	
7440-66-6	Zinc	2.3	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/18/08 JLM

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

EPA SAMPLE NO.

SK-SW50-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121810

Level: (low / med) Date Received: 12/13/07

% 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	~~E~~	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	36.5	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	69800			P	
7440-47-3	Chromium	1.7	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.2	B		P	J
7439-89-6	Iron	43.7	B	/	P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	17400			P	
7439-96-5	Manganese	4.0	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2410	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	42400		E	P	
7440-28-0	Thallium	3.1	B		P	
7440-62-2	Vanadium	2.8	B		P	
7440-66-6	Zinc	8.9	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gkm

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

EPA SAMPLE NO.

SK-SW50-1024 (DISS) DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121811

Level: (low / med) Date Received: 12/13/07

% 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	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	37.6	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	73700			P	
7440-47-3	Chromium	1.6	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.5	B		P	J
7439-89-6	Iron	17.5	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	17400			P	
7439-96-5	Manganese	3.3	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2480	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	42100		E	P	
7440-28-0	Thallium	3.9	B		P	
7440-62-2	Vanadium	3.7	B		P	
7440-66-6	Zinc	5.1	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gum

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD01-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121812

Level: (low / med) Date Received: 12/14/07

% 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		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	33.1	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	91100			P	
7440-47-3	Chromium	1.3	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	2.5	B		P	J
7439-89-6	Iron	72.8	B		P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	14600			P	
7439-96-5	Manganese	3.8	B	E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	3490	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	1290	B	E	P	J
7440-28-0	Thallium	4.0	B		P	
7440-62-2	Vanadium	1.5	B		P	
7440-66-6	Zinc	85.6			P	
57-12-5	Cyanide	0.6	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gkm

500

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

EPA SAMPLE NO.

SK-SWD01-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121814

Level: (low / med) Date Received: 12/14/07

% 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		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	31.3	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	85000			P	
7440-47-3	Chromium	1.2	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	2.0	B		P	J
7439-89-6	Iron	8.5	U		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	13800			P	
7439-96-5	Manganese	0.3	U	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	3250	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	1260	B	E	P	
7440-28-0	Thallium	1.8	B		P	
7440-62-2	Vanadium	2.0	B		P	
7440-66-6	Zinc	81.2			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gem

601

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW51-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix (soil / water) Water Lab Sample ID: 20712121815

Level: (low / med) Date Received: 12/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	98.8	B	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	40.7	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	82400			P	
7440-47-3	Chromium	1.9	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	3.8	B		P	J
7439-89-6	Iron	174		*	P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	20700			P	
7439-96-5	Manganese	5.3	B	E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2130	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	40400		E	P	J
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	2.5	B		P	
7440-66-6	Zinc	1.5	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

3/27/08 MSL

RESUBMITTED 602

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

EPA SAMPLE NO.

SK-SW52-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121816

Level: (low / med) Date Received: 12/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	68.3	B	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	40.9	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	82600			P	
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	3.8	B		P	J
7439-89-6	Iron	168			P	J
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	20500			P	
7439-96-5	Manganese	5.7	B	E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2070	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	40500		E	P	J
7440-28-0	Thallium	3.4	B		P	
7440-62-2	Vanadium	3.2	B		P	
7440-66-6	Zinc	1.1	U		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

02/18/08 JHM

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

EPA SAMPLE NO.

SK-MS-1024(SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix (soil / water) Water Lab Sample ID: 20712121817

Level: (low / med) Date Received: 12/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2480		E	P	
7440-36-0	Antimony	108			P	
7440-38-2	Arsenic	40.3			P	
7440-39-3	Barium	2090			P	
7440-41-7	Beryllium	54.9			P	
7440-43-9	Cadmium	52.1			P	
7440-70-2	Calcium	72600			P	
7440-47-3	Chromium	218			P	
7440-48-4	Cobalt	527			P	
7440-50-8	Copper	264			P	J
7439-89-6	Iron	1690			P	J
7439-92-1	Lead	21.9			P	J
7439-95-4	Magnesium	16800			P	
7439-96-5	Manganese	576		E	P	J
7439-97-6	Mercury	4.9			AV	
7440-02-0	Nickel	532			P	
7440-09-7	Potassium	2340	B	E	P	J
7782-49-2	Selenium	6.1		N	P	
7440-22-4	Silver	56.0			P	
7440-23-5	Sodium	39000		E	P	J
7440-28-0	Thallium	54.8			P	
7440-62-2	Vanadium	538			P	
7440-66-6	Zinc	543			P	
57-12-5	Cyanide	101			AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 JKM

504

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1024(SW50)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121819

Level: (low / med) Date Received: 12/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	406		E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	40.2	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	70200			P	
7440-47-3	Chromium	2.3	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	5.2	B		P	UJ
7439-89-6	Iron	705			P	UJ
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	16900			P	
7439-96-5	Manganese	36.7		E	P	J
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2360	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	40500		E	P	J
7440-28-0	Thallium	2.0	B		P	
7440-62-2	Vanadium	4.4	B		P	
7440-66-6	Zinc	6.0	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

02/18/08 JKM

605

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

EPA SAMPLE NO.

SK-SW51-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121821

Level: (low / med) Date Received: 12/15/07

% 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	42.5	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	88800			P	
7440-47-3	Chromium	2.4	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.1	B		P	J
7439-89-6	Iron	8.9	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	21600			P	
7439-96-5	Manganese	2.0	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2220	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	42100		E	P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	4.0	B		P	
7440-66-6	Zinc	1.1	U		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 gjm

606

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

EPA SAMPLE NO.

SK-SW52-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121822

Level: (low / med) Date Received: 12/15/07

% 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	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	41.6	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	87300			P	
7440-47-3	Chromium	2.0	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.0	B		P	J
7439-89-6	Iron	10.9	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	21600			P	
7439-96-5	Manganese	2.2	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2180	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	42500		E	P	
7440-28-0	Thallium	2.0	B		P	
7440-62-2	Vanadium	3.9	B		P	
7440-66-6	Zinc	1.6	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/18/08 glm

S07

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

EPA SAMPLE NO.

SK-MS-1024(SW50) (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121823

Level: (low / med) Date Received: 12/15/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2050		E	P	
7440-36-0	Antimony	106			P	
7440-38-2	Arsenic	39.1			P	
7440-39-3	Barium	2040			P	
7440-41-7	Beryllium	53.7			P	
7440-43-9	Cadmium	50.9			P	
7440-70-2	Calcium	71400			P	
7440-47-3	Chromium	214			P	
7440-48-4	Cobalt	523			P	
7440-50-8	Copper	264			P	J
7439-89-6	Iron	1080			P	
7439-92-1	Lead	21.0			P	J
7439-95-4	Magnesium	17200			P	
7439-96-5	Manganese	532		E	P	
7439-97-6	Mercury	5.1			AV	
7440-02-0	Nickel	526			P	
7440-09-7	Potassium	2380	B	E	P	
7782-49-2	Selenium	5.9		N	P	J
7440-22-4	Silver	54.2			P	
7440-23-5	Sodium	41400		E	P	
7440-28-0	Thallium	45.5			P	
7440-62-2	Vanadium	524			P	
7440-66-6	Zinc	536			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 JLM

608

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-DUP-1024(SW50) (DISS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121218

Matrix: (soil / water) Water Lab Sample ID: 20712121824

Level: (low / med) Date Received: 12/15/07

% 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	E	P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	34.0	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	63700			P	
7440-47-3	Chromium	1.6	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.1	B		P	J
7439-89-6	Iron	23.7	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	15700			P	
7439-96-5	Manganese	3.5	B	E	P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	2220	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	38700		E	P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	2.5	B		P	
7440-66-6	Zinc	9.0	B		P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/18/08 JLM

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	2071212 18	12-27-07

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: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Alex Maginnis

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	VOCs	SVOCs	Pesticides	PCBs	Total Metals	Dissolved Metals (filtered)	Cyanide				Remarks:	Lab ID
W	12-10	1515		X	SK-SWD03-1024	various	10	X	X	X	X	X	X	X				Refer to Tables	1
L					Trip Blank - SK-TB-1024	HCl	3	X										7 and 8 of LTTP	2
																		(O&M) for complete	
																		list of analytes	
																		VHBCIC	3

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx	12/11/07	22:00
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed Ex	MK	12-12-07	939
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Trip Blank provided by lab
Dissolved metals sample was field filtered

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

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

GCAL-06 11-98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4442	2071212148	12-28-07
Client Name	Client #	Workorder #	Due Date

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

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

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Alex Maginnis

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	SVOCs	Pesticides	PCBs	Total Metals	Diss. Metals (Field Filtered)	Cyanide	VOCs				Remarks:	Lab ID
W	12/12/07	1000		X	SK-SWD02-1024	Various	10	X	X	X	X	X	X	X				Refer to Tables	5 9
W	12/12/07	1500		X	SK-SW50-1024	HCl	3							X				7&8 of O&M LTTP	6
W	12/12	1500		X	SK-SW50-1024 DUP	HCl	3							X				for complete	7
L					Trip Blank-SK-TB-1024	HCl	3							X				list of analytes	8

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex	12/12/07	1600
Relinquished by: (Signature) Fed Ex	Received by: (Signature)	Date: 12-13-07	Time: 920
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: dissolved metal samples field filtered

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

We cannot accept verbal changes. Please fax written changes to 225.767-5717

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

GCAL-06 11/08

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	2071218-18	12-28-07

Report to:
Client: Earth Tech
Address: 2373 Progress Dr
Hebron, Ky 91048
Contact: Ron Roeller
Phone: 859-442-2300
Fax: 859-442-2311

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

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Alex Maginnis

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	5 VOCs	pesticides	PCBs	Total Metals	Dissolved Metals	Cyanide	Remarks:	Lab ID
W	12/12 2007	1500		X	SK-SW 50-1024		7	X	X	X	X	X	X		6, 25RE, 10
W	12/12	1500		X	SK-SW50-1024 DUP		7	X	X	X	X	X	X		7, 11, 12
~~W~~	~~12/12~~	~~1000~~		~~X~~	~~SK-SW50-1024~~	~~HCl~~	~~3~~								
~~W~~					~~Trip Blank SK-TB-1024~~	~~HCl~~	~~3~~								

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fed Ex	12/12/07	1800
Fed Ex	[signature]	12-13-07	920

Note: Dissolved metal samples were field filtered
trip blank provided by lab
VOCs in other cooler

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

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

GCAL 09 11-98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	2071215	12-31-07

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 - 4th Qtr 2007
Sampled By: Alex Maginnis

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	VOCs	SVOCs	Pesticides	PCBs	Metals (total)	Dissolved Metals (Filtered)	Cyanide				Remarks:	Lab ID / DSX
W	12/13 2007	1030		X	SK-SWD01-1024	various	10	X	X	X	X	X	X	X				Refer to Tables	12 14
L					Trip Blank - SK-TB-1024	HCl	3	X										7 & 8 of O&M	13
																		LTTP 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:
[signature]	FedEx	12/13/07	1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed Ex	[signature]	12-14-07	913
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Trip Blank was provided by lab - all 3 had air space bubbles (Sam)
Dissolved metals sample was field filtered 0.45 micron

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

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

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

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

GCAL 06 11 99

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

207121219

Lab use only			
Earth Tech	4342	~~207121213~~	12-31
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: Glen Springs
Address: Contract
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landf. 11-4th Qtr 2007
Sampled By: Alex Moginnis

Analytical Requests & Method

Lab use only:
Custody Seal used ☑ yes ☐ no
in tact ☑ yes ☐ no
Temperature °C 4°

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	SVOCs	Pesticides	PCBs	Metals (Total)	Metals (Diss)	Cyanide				Remarks:	Lab ID
W	12/14	1030		X	SK-MS-1024(SW50)	Various	10	X	X	X	X	X	X	X				Refer to	17, 22
W	12/14	1030		X	SK-MSD-1024(SW50)	various	10	X	X	X	X	X	X	X			ig due	tables 7-8	18, 23
W	12/14	1300		X	SK-SW51-1024	HCl	3	X										of 0419	15, 20
W	12/14	1530		X	SK-SW52-1024	HCl	3	X										LTTP	16, 21
L					trip blank	HCl	3	X										for complete	20
																		list of	
																		analytes	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	12/14/07	1500
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Shane Ingram	~~12-14-~~	1050
Relinquished by: (Signature)	Received by: (Signature)	Date: 12-15-07	Time:

Note: diss metals sample 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

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

GCAL-06 11-98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4342	207121218	12-31
Client Name	Client #	Workorder #	Due Date

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

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

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Alex Maginnis

Analytical Requests & Method

Lab use only:
Custody Seal used ☑ yes ☐ no
in tact ☑ yes ☐ no
Temperature °C 4°

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	~~VOCs~~	SVOCS	Pesticides	PCBs	Metals (total)	Dissolved Metals (filtered)	Cyanide				Remarks:	Lab ID
W	12/14	1300		X	SK-SW51-1024	Various	7		X	X	X	X	X	X				Refer to Tables	15
W	12/14	1530		X	SK-SW52-1024	Various	7		X	X	X	X	X	X				7 and 8 of O&M	16
																		LTTP 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:
	Fed Ex	12/14/07	1800
Relinquished by: (Signature) Fed Ex	Received by: (Signature) Shane Logan	12-15-07	1050
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
~~Trip Blank provided by lab~~
Dissolved metals sample was field filtered w/ 0.45 micron

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

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

GCAL-06 11/98

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 207121802

PROJECT MANAGER: Ron Rolker

Date: February 12, 2008

Data Validator: Janelle Murphy and 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 207121802 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 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) 207121802.

GCAL #	Sample Description
20712180201	SK-GW59-1024
20712180202	SK-GW59-1024 (DISS)
20712180204	SK-GW62A-1024
20712180205	SK-GW62A-1024 DUP
20712180206	SK-GW58-1024
20712180207	SK-GW63-1024 (DISS)
20712180208	SK-GW58-1024 MS
20712180210	SK-GW58-1024 DUP
20712180212	SK-GW62A-1024 (DISS)
20712180213	SK-GW62A-1024 DUP (DISS)
20712180214	SK-GW58-1024 (DISS)
20712180215	SK-GW58-1024 MS (DISS)
20712180216	SK-GW58-1024 DUP (DISS)
20712180219	SK-GW60-1024
20712180220	SK-GW64-1024
20712180221	SK-GW61-1024
20712180222	SK-GW63-1024
20712180224	SK-GW60-1024 (DISS)
20712180225	SK-GW64-1024 (DISS)
20712180226	SK-GW61-1024 (DISS)
20712180227	SK-GW63-1024 (DISS)
20712180228	SK-GW06R-1024
20712180229	SK-GW06R-1024 DUP
20712180230	SK-GW06R-1024 (DISS)
20712180231	EB
20712180233	SK-GW06R-1024 (DISS)
20712180234	SK-GW06R-1024 (DISS) DUP
20712180235	SK-GW07R-1024 (DISS)
20712180236	EB (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-GW58-1024 (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-GW58-1024 (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 (52%) associated with the total fraction and Selenium (0%) associated with the dissolved 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". If the percent recovery is less than 10% then qualify results for that analyte with "J" and non-detected results are qualified with "R".

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 Chromium, Copper, Lead, Nickel, Vanadium, and Zinc associated with the total fraction and Potassium 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 Iron results reported for MS/MSD recovery with an "N" qualifier. The data validator manually corrected the Form V (Part 1). All other documentation submitted for review appeared accurate and in order.

11. OVERALL ASSESSMENT

The percent recoveries for Zinc in the Contract Required Detection Limit (CRDL) standards analyzed on 1/4/08 were 135% and 137%.

The percent recoveries for Vanadium in the Contract Required Detection Limit (CRDL) standards analyzed on 1/4/08 were 97% and 125%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 12/29/07 were 54% and 59%.

As per the National Functional Guidelines, if the CRDL percent recovery is above 120% then detected results are qualified as estimated with "J". If the CRDL percent recovery is below 80% then detected results are qualified as estimated with "J" and non-detected results are qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207121802 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 December 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 207121802.

GCAL #	Sample Description
20712180201	SK-GW59-1024
20712180205	SK-GW62A-1024
20712180206	SK-GW62A-1024 DUP
20712180207	SK-GW58-1024
20712180208	SK-GW58-1024 MS
20712180210	SK-GW58-1024 DUP
20712180217	SK-GW62B-1024
20712180218	SK-GW65-1024
20712180219	SK-GW60-1024
20712180220	SK-GW64-1024
20712180221	SK-GW61-1024
20712180222	SK-GW63-1024
20712180228	SK-GW06R-1024
20712180229	SK-GW06R-1024 DUP
20712180230	SK-GW07R-1024
20712180231	EB
20712180237	SK-GW07R-1024 (RE)

INTRODUCTION

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

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

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

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

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

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

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

1. Holding Times
2. GC/MS Tuning
3. Calibration
   A. IC
   B. CC
4. Blanks

5. 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

One IC dated 12/27/07 was analyzed on instrument MSSV3 in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent Relative Standard Deviation (%RSD) values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRFs and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds. The %RSDs were within the acceptance criteria specified in the method for all target compounds with the exception of 2,4-Dinitrophenol. 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 21%, which is within the acceptance criteria of less than or equal to 30%.

B. Continuing Calibration

Two CCs dated 12/27/07 and 12/31/07 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The CC RRFs for the CCs dated 12/27/07 and 12/31/07 were within the acceptance criteria specified in the method for all target compounds. The percent difference (%D) between the average RRFs and the CC Response Factors for the CC were within the acceptance criteria (<25%) for the CC dated 12/27/07 with the exception of 2,4-Dinitrophenol (31.3%). The percent difference (%D) between the average RRFs and the CC Response Factors were within the acceptance criteria (<25%) for the CC dated 12/31/07. 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 (MB558907)

There were no target compounds detected in the method blank extracted on 12/22/07.

Method Blank (MB560481)

There were no target compounds detected in the method blank extracted on 12/28/07.

Equipment Blank

Bis(2-ethylhexyl)phthalate (2 ppb), Di-n-butylphthalate (0.6 ppb), and Diethylphthalate (0.3 ppb) were detected in the Equipment Blank collected on 12/20/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of Terphenyl-d14 associated with sample SK-GW65-1024, Terphenyl-d14, 2-Fluorobiphenyl, and Phenol-d5 associated with sample SK-GW07R-1024, and 2-Fluorobiphenyl associated with method blank MB558907. 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". If any surrogate in either semivolatile fraction has a recovery less than 10 percent then qualify detected semivolatile target compounds for that fraction with "J" and non-detected results for that fraction with "R".

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

Sample SK-GW58-1024 was submitted for MS/MSD analysis. The MS/MSD percent recoveries are within the acceptance criteria with the exception of 4-Nitrophenol associated with the MSD. All of the percent RPDs between the MS and MSD were within the acceptance criteria with the exception of 4-Nitrophenol associated with the MS and Pyrene associated with the MSD. As per the National Functional Guidelines, no action is taken on MS/MSD results alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas and Retention Times (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

Sample SK-GW07R-1024 was re-extracted and re-analyzed. Data from the re-extracted sample should be considered rather than from the original sample. The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 207121802 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 December 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 207121802.

GCAL #	Sample Description
20712180201	SK-GW59-1024
20712180202	TRIP BLANK
20712180205	SK-GW62A-1024
20712180206	SK-GW62A-1024 DUP
20712180207	SK-GW58-1024
20712180208	SK-GW58-1024 MS
20712180209	SK-GW58-1024 MSD
20712180211	TRIP BLANK
20712180217	SK-GW62B-1024
20712180218	SK-GW65-1024
20712180219	SK-GW60-1024
20712180220	SK-GW64-1024
20712180221	SK-GW61-1024
20712180222	SK-GW63-1024
20712180223	TRIP BLANK
20712180228	SK-GW06R-1024
20712180229	SK-GW06R-1024 DUP
20712180230	SK-GW07R-1024
20712180231	EB
20712180232	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 MSV0. Three bromofluorobenzene (BFB) tunes were run on MSV0. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 12/19/07 was analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRFs as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRFs and the average RRF for the IC dated 12/19/07 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. The %RSDs 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

Three CCs dated 12/19/07, 12/20/07, and 12/21/07 were analyzed on instrument MSV0 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRFs and the CC RFs for the CCs dated 12/19/07, 12/20/07, and 12/21/07 were within the acceptance criteria for all target compounds.

4. BLANKS

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

MB557454

Chloroform (0.66 ppb) and Xylenes (total) (0.024 ppb) detected in method blank MB557454 analyzed on 12/19/07 (1543).

MB557918

Chloroform (0.58 ppb) was detected in method blank MB557918 analyzed on 12/20/07 (1107).

MB558476

There were no target compounds detected in method blank MB558476 analyzed on 12/21/07 (1143).

Storage Blank (VHBLK)

Chloroform (0.69 ppb) was detected in the in the Storage Blank analyzed on 12/20/07.

Equipment Blank

Methylene chloride (0.23 ppb) was detected in the Equipment Blank associated with the samples collected on 12/20/07.

Trip Blank

There were no target compounds detected in the Trip Blank associated with the samples received on 12/18/07.

Trip Blank

There were no target compounds detected in the Trip Blank associated with the samples received on 12/19/07.

Trip Blank

There were no target compounds detected in the Trip Blank associated with the samples received on 12/20/07.

Trip Blank

Acetone (8 ppb) and Methylene Chloride (1.1 ppb) were detected in the Trip Blank associated with the samples received on 12/21/07.

5. SYSTEM MONITORING COMPOUND RECOVERY

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

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW58-1024 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

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 methylene chloride detected in the equipment blank was mitigated by the presence of methylene chloride detected in the trip blank received on 12/21/07. The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 207121802 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 December 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 207121802.

GCAL #	Sample Description
20712180201	SK-GW59-1024
20712180205	SK-GW62A-1024
20712180206	SK-GW62A-1024 DUP
20712180207	SK-GW58-1024
20712180208	SK-GW58-1024 MS
20712180209	SK-GW58-1024 MSD
20712180217	SK-GW62B-1024
20712180218	SK-GW65-1024
20712180219	SK-GW60-1024
20712180220	SK-GW64-1024
20712180221	SK-GW61-1024
20712180222	SK-GW63-1024
20712180228	SK-GW06R-1024
20712180229	SK-GW06R-1024 DUP
20712180230	SK-GW07R-1024
20712180231	EB

INTRODUCTION

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

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.
During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

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

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

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

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

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

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

1. HOLDING TIMES

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

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

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

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

3. INITIAL CALIBRATION

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

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

4. CALIBRATION VERIFICATION

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

5. BLANKS

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

<u>Method Blank 558834</u>

No constituents were reported by GCAL for the method blank extracted on 12/22/07.

6. SURROGATE SPIKES

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

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW58-1024 was submitted for MS/MSD analysis. All of the percent recoveries associated with the MS/MSD were within the acceptance criteria. All of the percent RPDs between the MS and MSD were within the acceptance criteria.

8. PESTICIDE CLEANUP CHECKS

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

9. TARGET COMPOUND IDENTIFICATION

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

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable as qualified by the data validator.

REFERENCES

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

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

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 01/09/2008

GCAL Report 207121802

RESUBMITTED

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

Customer Earth Tech

Project Skinner Landfill

CASE NARRATIVE

Client: Earth Tech **Report:** 207121802

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.

Select pages are being resubmitted on 2/11/08 to replace the form 1 and raw data for the MS/MSD samples in order to report the lower of the concentrations for the OLM04.2 – CLP Pesticide analysis.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis, samples 558907 MB and 20712180218 (SKGW65-1024) had one surrogate recovery outside control limits in the base-neutral fraction. All other surrogate recoveries were acceptable for this sample. Sample20712180230 (SKGW07R-1024) had several surrogates below the lower control limits. This sample was re-logged and re-analyzed with all surrogates within limits.

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batch 363962, the MS/MSD exhibited sporadic recovery and RPD failures. All LCS/LCSD recoveries and RPDs were acceptable.

In the OLM04.2 - CLP Semi-Volatiles analysis for prep batch 364432, the MS/MSD exhibited sporadic recovery failures. All LCS/LCSD recoveries and RPDs were acceptable.

METALS

In the ILM04.1 - CLP Metals analysis for prep batch 364154, the MS and/or MSD recovery was outside the control limits for Antimony. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with a recovery of 108%. The MS recovery is not applicable for Iron because the sample concentration is greater than four times the spike concentration. Chromium, Copper, Lead, Nickel, Vanadium and Zinc are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 - CLP Metals analysis for prep batch 364573, the MS and/or MSD recovery was outside the control limits for Selenium. 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 Iron is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. Dissolved Potassium is flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

RESUBMITTED 2

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW59-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180201

Level: (low/med) Lab File ID: 2071219/x1639

% Moisture: not dec. Date Collected: 12/17/07 Time: 1650

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/18/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2152

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JLR 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW59-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180201

Level: (low/med) Lab File ID: 2071219/x1639

% Moisture: not dec. Date Collected: 12/17/07 Time: 1650

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/18/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2152

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.73	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.
SKGW59-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180201

Sample wt/vol: Units: Lab File ID: 2071219/x1639

Level: (low/med) Date Collected: 12/17/07 Time: 1650

% Moisture: not dec. Date Received: 12/18/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2152

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

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.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180202

Level: (low/med)

Lab File ID: 2071219/x1640

% Moisture: not dec.

Date Collected: 12/17/07 Time: 0000

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

Date Received: 12/18/07

Instrument ID: MSV0

Date Analyzed: 12/19/07 Time: 2215

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JKM 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180202

Level: (low/med)

Lab File ID: 2071219/x1640

% Moisture: not dec.

Date Collected: 12/17/07 Time: 0000

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

Date Received: 12/18/07

Instrument ID: MSV0

Date Analyzed: 12/19/07 Time: 2215

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 363765

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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180202

Sample wt/vol: Units: Lab File ID: 2071219/x1640

Level: (low/med) Date Collected: 12/17/07 Time: 0000

% Moisture: not dec. Date Received: 12/18/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2215

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180203

Level: (low/med) Lab File ID: 2071220/x1660

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/18/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1732

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	0.69	JB	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JCK 12/15/08

37

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

VHBLK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180203

Level: (low/med) Lab File ID: 2071220/x1660

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/18/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1732

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW62A-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180205

Level: (low/med) Lab File ID: 2071219/x1641

% Moisture: not dec. Date Collected: 12/18/07 Time: 1505

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2238

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW62A-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180205

Level: (low/med) Lab File ID: 2071219/x1641

% Moisture: not dec. Date Collected: 12/18/07 Time: 1505

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2238

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.49	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.
SKGW62A-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180205

Sample wt/vol: Units: Lab File ID: 2071219/x1641

Level: (low/med) Date Collected: 12/18/07 Time: 1505

% Moisture: not dec. Date Received: 12/19/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2238

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

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-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180206

Level: (low/med)

Lab File ID: 2071219/x1642

% Moisture: not dec.

Date Collected: 12/18/07 Time: 1505

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

Date Received: 12/19/07

Instrument ID: MSV0

Date Analyzed: 12/19/07 Time: 2301

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

Jun 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW62A-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180206

Level: (low/med) Lab File ID: 2071219/x1642

% Moisture: not dec. Date Collected: 12/18/07 Time: 1505

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2301

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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.
SKGW62A-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180206

Sample wt/vol: Units: Lab File ID: 2071219/x1642

Level: (low/med) Date Collected: 12/18/07 Time: 1505

% Moisture: not dec. Date Received: 12/19/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2301

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

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.

SKGW58-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180207

Level: (low/med) Lab File ID: 2071220/x1649

% Moisture: not dec. Date Collected: 12/18/07 Time: 1340

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSVO Date Analyzed: 12/20/07 Time: 1148

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
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	0.11	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	0.045	J	0.010	1.0	

FORM I VOA

JCW 12/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW58-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180207

Level: (low/med) Lab File ID: 2071220/x1649

% Moisture: not dec. Date Collected: 12/18/07 Time: 1340

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1148

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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)	0.086	J	0.010	1.0

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SKGW58-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180207

Sample wt/vol: Units: Lab File ID: 2071220/x1649

Level: (low/med) Date Collected: 12/18/07 Time: 1340

% Moisture: not dec. Date Received: 12/19/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1148

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 4

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	106-97-8	Butane	1.772	.895	
2.	78-78-4	Butane, 2-methyl-	2.172	.52	
3.	109-66-0	Pentane	2.365	.305	
4.	52097-85-5	Cyclobutene, 2-propenylidene-	8.011	.242	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180211

Level: (low/med) Lab File ID: 2071219/x1643

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JKM 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180211

Level: (low/med) Lab File ID: 2071219/x1643

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/19/07

Instrument ID: MSV0 Date Analyzed: 12/19/07 Time: 2324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363765

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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180211

Sample wt/vol: Units: Lab File ID: 2071219/x1643

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

% Moisture: not dec. Date Received: 12/19/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/19/07 Time: 2324

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

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.

SKGW62B-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180217

Level: (low/med) Lab File ID: 2071220/x1653

% Moisture: not dec. Date Collected: 12/19/07 Time: 1335

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1346

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/15/08

01

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW62B-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180217

Level: (low/med) Lab File ID: 2071220/x1653

% Moisture: not dec. Date Collected: 12/19/07 Time: 1335

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1346

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW62B-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180217

Sample wt/vol: Units: Lab File ID: 2071220/x1653

Level: (low/med) Date Collected: 12/19/07 Time: 1335

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1346

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	31502-14-4	2-Nonen-1-ol, (E)-	12.59	.436	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW65-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180218

Level: (low/med) Lab File ID: 2071220/x1659

% Moisture: not dec. Date Collected: 12/19/07 Time: 0920

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1615

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

gm 12/15/07

89

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW65-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180218

Level: (low/med) Lab File ID: 2071220/x1659

% Moisture: not dec. Date Collected: 12/19/07 Time: 0920

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1615

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW65-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180218

Sample wt/vol: Units: Lab File ID: 2071220/x1659

Level: (low/med) Date Collected: 12/19/07 Time: 0920

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1615

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	124-19-6	Nonanal	12.589	1.16	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW60-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180219

Level: (low/med) Lab File ID: 2071220/x1654

% Moisture: not dec. Date Collected: 12/19/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1421

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM 1 VOA

JLN 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW60-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180219

Level: (low/med) Lab File ID: 2071220/x1654

% Moisture: not dec. Date Collected: 12/19/07 Time: 1300

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1421

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW60-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180219

Sample wt/vol: Units: Lab File ID: 2071220/x1654

Level: (low/med) Date Collected: 12/19/07 Time: 1300

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1421

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW64-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180220

Level: (low/med)

Lab File ID: 2071220/x1655

% Moisture: not dec.

Date Collected: 12/19/07 Time: 0955

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

Date Received: 12/20/07

Instrument ID: MSV0

Date Analyzed: 12/20/07 Time: 1444

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: JCK

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 363826

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	R
78-93-3	2-Butanone	5.0	U	0.010	5.0	R
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	R
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JKM 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW64-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180220

Level: (low/med) Lab File ID: 2071220/x1655

% Moisture: not dec. Date Collected: 12/19/07 Time: 0955

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1444

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW64-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180220

Sample wt/vol: Units: Lab File ID: 2071220/x1655

Level: (low/med) Date Collected: 12/19/07 Time: 0955

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1444

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

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	2.688	.679	
2.	108-20-3	Diisopropyl ether	4.447	2.1	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW61-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180221

Level: (low/med) Lab File ID: 2071220/x1656

% Moisture: not dec. Date Collected: 12/19/07 Time: 1145

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1506

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JLM 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW61-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180221

Level: (low/med) Lab File ID: 2071220/x1656

% Moisture: not dec. Date Collected: 12/19/07 Time: 1145

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1506

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW61-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180221

Sample wt/vol: Units: Lab File ID: 2071220/x1656

Level: (low/med) Date Collected: 12/19/07 Time: 1145

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1506

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW63-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180222

Level: (low/med) Lab File ID: 2071220/x1657

% Moisture: not dec. Date Collected: 12/19/07 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1529

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/15/10

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW63-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180222

Level: (low/med) Lab File ID: 2071220/x1657

% Moisture: not dec. Date Collected: 12/19/07 Time: 1045

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1529

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
SKGW63-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180222

Sample wt/vol: Units: Lab File ID: 2071220/x1657

Level: (low/med) Date Collected: 12/19/07 Time: 1045

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1529

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180223

Level: (low/med) Lab File ID: 2071220/x1658

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1552

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180223

Level: (low/med) Lab File ID: 2071220/x1658

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/20/07

Instrument ID: MSV0 Date Analyzed: 12/20/07 Time: 1552

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363826

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.
TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180223

Sample wt/vol: Units: Lab File ID: 2071220/x1658

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

% Moisture: not dec. Date Received: 12/20/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/20/07 Time: 1552

Instrument ID: MSV0 Dilution Factor: 1 Analyst: JCK

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 0

CONCENTRATION UNITS: ug/L

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW06R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180228

Level: (low/med) Lab File ID: 2071221/x1650A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1239

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JLM 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW06R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180228

Level: (low/med) Lab File ID: 2071221/x1650A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

nstrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1239

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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.
SKGW06R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180228

Sample wt/vol: Units: Lab File ID: 2071221/x1650

Level: (low/med) Date Collected: 12/20/07 Time: 1030

% Moisture: not dec. Date Received: 12/21/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/21/07 Time: 1239

Instrument ID: MSV0 Dilution Factor: 1 Analyst: AEL

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.

SKGW06R-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180229

Level: (low/med)

Lab File ID: 2071221/x1651A

% Moisture: not dec.

Date Collected: 12/20/07 Time: 1030

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

Date Received: 12/21/07

Instrument ID: MSV0

Date Analyzed: 12/21/07 Time: 1301

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: AEL

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 363932

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JMN 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW06R-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180229

Level: (low/med) Lab File ID: 2071221/x1651A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1030

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1301

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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.
SKGW06R-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180229

Sample wt/vol: Units: Lab File ID: 2071221/x1651

Level: (low/med) Date Collected: 12/20/07 Time: 1030

% Moisture: not dec. Date Received: 12/21/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/21/07 Time: 1301

Instrument ID: MSV0 Dilution Factor: 1 Analyst: AEL

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.

SKGW07R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180230

Level: (low/med) Lab File ID: 2071221/x1652A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1415

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

JKL 02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW07R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180230

Level: (low/med) Lab File ID: 2071221/x1652A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1415

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1324

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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.
SKGW07R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180230

Sample wt/vol: Units: Lab File ID: 2071221/x1652

Level: (low/med) Date Collected: 12/20/07 Time: 1415

% Moisture: not dec. Date Received: 12/21/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/21/07 Time: 1324

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

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.

EB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180231

Level: (low/med) Lab File ID: 2071221/x1653A

% Moisture: not dec. Date Collected: 12/20/07 Time: 1530

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

nstrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1408

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

FORM I VOA

02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

EB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

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

Lab Sample ID: 20712180231

Level: (low/med)

Lab File ID: 2071221/x1653A

% Moisture: not dec.

Date Collected: 12/20/07 Time: 1530

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

Date Received: 12/21/07

Instrument ID: MSV0

Date Analyzed: 12/21/07 Time: 1408

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch:

Analytical Batch: 363932

CONCENTRATION UNITS: ug/L

Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	0.23	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.
EB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180231

Sample wt/vol: Units: Lab File ID: 2071221/x1653A

Level: (low/med) Date Collected: 12/20/07 Time: 1530

% Moisture: not dec. Date Received: 12/21/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/21/07 Time: 1408

Instrument ID: MSV0 Dilution Factor: 1 Analyst: KCB

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 1

CONCENTRATION UNITS: ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	75-04-7	Unknown	2.773	1.3	

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180232

Level: (low/med) Lab File ID: 2071221/x1649A

% Moisture: not dec. Date Collected: 12/20/07 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1205

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

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	3.4	J	0.010	5.0	
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	8.0		0.010	5.0	J
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

02/15/08

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil/water) Water

Sample wt/vol: 25 (g/ml) mL Lab Sample ID: 20712180232

Level: (low/med) Lab File ID: 2071221/x1649A

% Moisture: not dec. Date Collected: 12/20/07 Time: 0000

GC Column: DB-624-30M ID: .53 (mm) Date Received: 12/21/07

Instrument ID: MSV0 Date Analyzed: 12/21/07 Time: 1205

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

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 363932

CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-09-2	Methylene chloride	1.1	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

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: Water Lab Sample ID: 20712180232

Sample wt/vol: Units: Lab File ID: 2071221/x1649A

Level: (low/med) Date Collected: 12/20/07 Time: 0000

% Moisture: not dec. Date Received: 12/21/07

GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/21/07 Time: 1205

Instrument ID: MSV0 Dilution Factor: 1 Analyst: AEL

Soil Extract Volume: (µL)

Soil Aliquot Volume: (µL)

Number TICs Found: 2

CONCENTRATION UNITS: *ug/L*

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	15045-43-9	Furan, tetrahydro-2,2,5,5-tetr	7.788	.109	
2.	106-35-4	3-Heptanone	10.154	.107	

FORM I VOA-TIC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW59-1024

Contract:

Lab File ID: 2071227/b5869

Lab Sample ID: 20712180201

Date Collected: 12/17/07 Time: 1650

Date Received: 12/18/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1041

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

JLM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW59-1024

Contract:

Lab File ID: 2071227/b5869

Lab Sample ID: 20712180201

Date Collected: 12/17/07 Time: 1650

Date Received: 12/18/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1041

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW59-1024

Contract:

Lab File ID: 2071227/b5869

Lab Sample ID: 20712180201

Date Collected: 12/17/07 Time: 1650

Date Received: 12/18/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1041

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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: SKGW59-1024

Contract:

Lab File ID: 2071227/b5869

Lab Sample ID: 20712180201

Date Collected: 12/17/07 Time: 1650

Date Received: 12/18/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1041

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 1

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	115-28-6	Bicyclo[2.2.1]hept-5-ene-2,3-d	4.726	7.11	

FORM I SV-TIC

JLM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LAC24 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62A-1024

Contract:

Lab File ID: 2071227/b5870

Lab Sample ID: 20712180205

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1056

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

JKM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62A-1024

Contract:

Lab File ID: 2071227/b5870

Lab Sample ID: 20712180205

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1056

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62A-1024

Contract:

Lab File ID: 2071227/b5870

Lab Sample ID: 20712180205

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1056

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% 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-1024

Contract:

Lab File ID: 2071227/b5870

Lab Sample ID: 20712180205

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1056

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	2.597	311	
2.		Unknown	5.328	13.9	

FORM I SV-TIC

JLM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 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-1024 DUP

Contract:

Lab File ID: 2071227/b5871

Lab Sample ID: 20712180206

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1112

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	11	U	0.01	11
88-06-2	2,4,6-Trichlorophenol	11	U	0.01	11
120-83-2	2,4-Dichlorophenol	11	U	0.01	11
51-28-5	2,4-Dinitrophenol	27	U	0.01	27
121-14-2	2,4-Dinitrotoluene	11	U	0.01	11
606-20-2	2,6-Dinitrotoluene	11	U	0.01	11
91-58-7	2-Chloronaphthalene	11	U	0.01	11
95-57-8	2-Chlorophenol	11	U	0.01	11
91-57-6	2-Methylnaphthalene	11	U	0.01	11
88-74-4	2-Nitroaniline	27	U	0.01	27
88-75-5	2-Nitrophenol	11	U	0.01	11
91-94-1	3,3'-Dichlorobenzidine	11	U	0.01	11
99-09-2	3-Nitroaniline	27	U	0.01	27
534-52-1	2-Methyl-4,6-dinitrophenol	27	U	0.01	27
59-50-7	4-Chloro-3-methylphenol	11	U	0.01	11
106-47-8	4-Chloroaniline	11	U	0.01	11
7005-72-3	4-Chlorophenyl-phenylether	11	U	0.01	11
106-44-5	4-Methylphenol (p-Cresol)	11	U	0.01	11
83-32-9	Acenaphthene	11	U	0.01	11
208-96-8	Acenaphthylene	11	U	0.01	11
120-12-7	Anthracene	11	U	0.01	11
56-55-3	Benzo(a)anthracene	11	U	0.01	11
50-32-8	Benzo(a)pyrene	11	U	0.01	11
205-99-2	Benzo(b)fluoranthene	11	U	0.01	11
191-24-2	Benzo(g,h,i)perylene	11	U	0.01	11
207-08-9	Benzo(k)fluoranthene	11	U	0.01	11
111-91-1	Bis(2-Chloroethoxy)methane	11	U	0.01	11
111-44-4	Bis(2-Chloroethyl)ether	11	U	0.01	11
108-60-1	bis(2-Chloroisopropyl)ether	11	U	0.01	11

UJ

FORM I SV-1

JLM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 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-1024 DUP

Contract:

Lab File ID: 2071227/b5871

Lab Sample ID: 20712180206

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1112

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	1	J	0.01	11
101-55-3	4-Bromophenyl-phenylether	11	U	0.01	11
85-68-7	Butylbenzylphthalate	11	U	0.01	11
86-74-8	Carbazole	11	U	0.01	11
218-01-9	Chrysene	11	U	0.01	11
84-74-2	Di-n-butylphthalate	11	U	0.01	11
117-84-0	Di-n-octylphthalate	11	U	0.01	11
53-70-3	Dibenz(a,h)anthracene	11	U	0.01	11
132-64-9	Dibenzofuran	11	U	0.01	11
84-66-2	Diethylphthalate	11	U	0.01	11
131-11-3	Dimethyl-phthalate	11	U	0.01	11
105-67-9	2,4-Dimethylphenol	11	U	0.01	11
206-44-0	Fluoranthene	11	U	0.01	11
86-73-7	Fluorene	11	U	0.01	11
118-74-1	Hexachlorobenzene	11	U	0.01	11
87-68-3	Hexachlorobutadiene	11	U	0.01	11
77-47-4	Hexachlorocyclopentadiene	11	U	0.01	11
67-72-1	Hexachloroethane	11	U	0.01	11
193-39-5	Indeno(1,2,3-cd)pyrene	11	U	0.01	11
78-59-1	Isophorone	11	U	0.01	11
91-20-3	Naphthalene	11	U	0.01	11
100-01-6	4-Nitroaniline	27	U	0.01	27
98-95-3	Nitrobenzene	11	U	0.01	11
100-02-7	4-Nitrophenol	27	U	0.01	27
87-86-5	Pentachlorophenol	27	U	0.01	27
85-01-8	Phenanthrene	11	U	0.01	11
108-95-2	Phenol	11	U	0.01	11
129-00-0	Pyrene	11	U	0.01	11
621-64-7	N-Nitroso-di-n-propylamine	11	U	0.01	11

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 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-1024 DUP

Contract:

Lab File ID: 2071227/b5871

Lab Sample ID: 20712180206

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1112

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
36-30-6	N-Nitrosodiphenylamine	11	U	0.01	11
95-48-7	o-Cresol	11	U	0.01	11

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.: 207121802

Matrix: Water

Sample wt/vol: 940 Units: ML

Level: (low/med) LOW

% 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-1024 DUP

Contract:

Lab File ID: 2071227/b5871

Lab Sample ID: 20712180206

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1112

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVCA

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

Instrument ID: MSSV3

Number TICs Found : 5

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	79-34-5	Ethane, 1,1,2,2-tetrachloro-	.812	72	
2.	105-60-2	Caprolactam	2.578	199	
3.		Unknown	3.151	4.78	
4.		Unknown	4.99	49.9	
5.		Unknown	5.322	4.18	

FORM I SV-TIC

JLM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW58-1024

Contract:

Lab File ID: 2071227/b5872

Lab Sample ID: 20712180207

Date Collected: 12/18/07 Time: 1340

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1127

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

ug

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW58-1024

Contract:

Lab File ID: 2071227/b5872

Lab Sample ID: 20712180207

Date Collected: 12/18/07 Time: 1340

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1127

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW58-1024

Contract:

Lab File ID: 2071227/b5872

Lab Sample ID: 20712180207

Date Collected: 12/18/07 Time: 1340

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1127

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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: SKGW58-1024

Contract:

Lab File ID: 2071227/b5872

Lab Sample ID: 20712180207

Date Collected: 12/18/07 Time: 1340

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1127

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLMC 4.2

Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	79-34-5	Ethane, 1,1,2,2-tetrachloro-	.812	2.15	
2.	105-60-2	Caprolactam	2.578	152	
3.		Unknown	5.331	6.89	

FORM I SV-TIC

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62B-1024

Contract:

Lab File ID: 2071227/b5875

Lab Sample ID: 20712180217

Date Collected: 12/19/07 Time: 1335

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1213

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62B-1024

Contract:

Lab File ID: 2071227/b5875

Lab Sample ID: 20712180217

Date Collected: 12/19/07 Time: 1335

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1213

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62B-1024

Contract:

Lab File ID: 2071227/b5875

Lab Sample ID: 20712180217

Date Collected: 12/19/07 Time: 1335

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1213

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: ML

Level: (low/med) LOW

% 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: SKGW62B-1024

Contract:

Lab File ID: 2071227/b5875

Lab Sample ID: 20712180217

Date Collected: 12/19/07 Time: 1335

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1213

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: ~~SW-846 8270C~~ OLMO4.2

Instrument ID: MSSV3

Number TICs Found : 6

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	2.649	48.1	
2.	95-14-7	1H-Benzotriazole	3.264	4.92	
3.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.463	7.15	
4.	57-10-3	Hexadecanoic acid	4.618	4.27	
5.	112-80-1	Oleic Acid	5.05	15.7	
6.		Unknown	5.339	37.5	

FORM I SV-TIC

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 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: SKGW65-1024

Contract:

Lab File ID: 2071227/b5876

Lab Sample ID: 20712180218

Date Collected: 12/19/07 Time: 0920

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1228

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	11	U	0.01	11
88-06-2	2,4,6-Trichlorophenol	11	U	0.01	11
120-83-2	2,4-Dichlorophenol	11	U	0.01	11
51-28-5	2,4-Dinitrophenol	27	U	0.01	27
121-14-2	2,4-Dinitrotoluene	11	U	0.01	11
606-20-2	2,6-Dinitrotoluene	11	U	0.01	11
91-58-7	2-Chloronaphthalene	11	U	0.01	11
95-57-8	2-Chlorophenol	11	U	0.01	11
91-57-6	2-Methylnaphthalene	11	U	0.01	11
88-74-4	2-Nitroaniline	27	U	0.01	27
88-75-5	2-Nitrophenol	11	U	0.01	11
91-94-1	3,3'-Dichlorobenzidine	11	U	0.01	11
99-09-2	3-Nitroaniline	27	U	0.01	27
534-52-1	2-Methyl-4,6-dinitrophenol	27	U	0.01	27
59-50-7	4-Chloro-3-methylphenol	11	U	0.01	11
106-47-8	4-Chloroaniline	11	U	0.01	11
7005-72-3	4-Chlorophenyl-phenylether	11	U	0.01	11
106-44-5	4-Methylphenol (p-Cresol)	11	U	0.01	11
83-32-9	Acenaphthene	11	U	0.01	11
208-96-8	Acenaphthylene	11	U	0.01	11
120-12-7	Anthracene	11	U	0.01	11
56-55-3	Benzo(a)anthracene	11	U	0.01	11
50-32-8	Benzo(a)pyrene	11	U	0.01	11
205-99-2	Benzo(b)fluoranthene	11	U	0.01	11
191-24-2	Benzo(g,h,i)perylene	11	U	0.01	11
207-08-9	Benzo(k)fluoranthene	11	U	0.01	11
111-91-1	Bis(2-Chloroethoxy)methane	11	U	0.01	11
111-44-4	Bis(2-Chloroethyl)ether	11	U	0.01	11
108-60-1	bis(2-Chloroisopropyl)ether	11	U	0.01	11

UJ

FORM I SV-1

JLN 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SKGW65-1024

Contract:

Lab File ID: 2071227/b5876

Lab Sample ID: 20712180218

Date Collected: 12/19/07 Time: 0920

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1228

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	11	U	0.01	11
101-55-3	4-Bromophenyl-phenylether	11	U	0.01	11
85-68-7	Butylbenzylphthalate	11	U	0.01	11
86-74-8	Carbazole	11	U	0.01	11
218-01-9	Chrysene	11	U	0.01	11
84-74-2	Di-n-butylphthalate	11	U	0.01	11
117-84-0	Di-n-octylphthalate	11	U	0.01	11
53-70-3	Dibenz(a,h)anthracene	11	U	0.01	11
132-64-9	Dibenzofuran	11	U	0.01	11
84-66-2	Diethylphthalate	11	U	0.01	11
131-11-3	Dimethyl-phthalate	11	U	0.01	11
105-67-9	2,4-Dimethylphenol	11	U	0.01	11
206-44-0	Fluoranthene	11	U	0.01	11
86-73-7	Fluorene	11	U	0.01	11
118-74-1	Hexachlorobenzene	11	U	0.01	11
87-68-3	Hexachlorobutadiene	11	U	0.01	11
77-47-4	Hexachlorocyclopentadiene	11	U	0.01	11
67-72-1	Hexachloroethane	11	U	0.01	11
193-39-5	Indeno(1,2,3-cd)pyrene	11	U	0.01	11
78-59-1	Isophorone	11	U	0.01	11
91-20-3	Naphthalene	11	U	0.01	11
100-01-6	4-Nitroaniline	27	U	0.01	27
98-95-3	Nitrobenzene	11	U	0.01	11
100-02-7	4-Nitrophenol	27	U	0.01	27
87-86-5	Pentachlorophenol	27	U	0.01	27
85-01-8	Phenanthrene	11	U	0.01	11
108-95-2	Phenol	11	U	0.01	11
129-00-0	Pyrene	11	U	0.01	11
621-64-7	N-Nitroso-di-n-propylamine	11	U	0.01	11

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 940 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: SKGW65-1024

Contract:

Lab File ID: 2071227/b5876

Lab Sample ID: 20712180218

Date Collected: 12/19/07 Time: 0920

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1228

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	11	U	0.01	11
95-48-7	o-Cresol	11	U	0.01	11

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.: 207121802

Matrix: Water

Sample wt/vol: 940 Units: mL

Level: (low/med) LOW

% 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: SKGW65-1024

Contract:

Lab File ID: 2071227/b5876

Lab Sample ID: 20712180218

Date Collected: 12/19/07 Time: 0920

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1228

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM 4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 6

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	2.623	505	
2.	95-14-7	1H-Benzotriazole	3.259	4.27	
3.	112-60-7	Ethanol, 2,2'-[oxybis(2,1-etha	4.865	6.84	
4.		Unknown	5.334	17.5	
5.	23778-52-1	2,5,8,11,14-Pentaoxahexadecan-	5.535	7.09	
6.	112-60-7	Ethanol, 2,2'-[oxybis(2,1-etha	6.228	6.42	

FORM I SV-TIC

JAR 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SKGW60-1024

Contract:

Lab File ID: 2071227/b5877

Lab Sample ID: 20712180219

Date Collected: 12/19/07 Time: 1300

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1244

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CONCENTRATION UNITS: ug/L

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

UCJ

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 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: SKGW60-1024

Contract:

Lab File ID: 2071227/b5877

Lab Sample ID: 20712180219

Date Collected: 12/19/07 Time: 1300

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1244

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 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: SKGW60-1024

Contract:

Lab File ID: 2071227/b5877

Lab Sample ID: 20712180219

Date Collected: 12/19/07 Time: 1300

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1244

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121802
Matrix: Water
Sample wt/vol: 960 Units: mL
Level: (low/med) LOW
% 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: SKGW60-1024
Contract:
Lab File ID: 2071227/b5877
Lab Sample ID: 20712180219
Date Collected: 12/19/07 Time: 1300
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1244
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVLA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	79-34-5	Ethane, 1,1,2,2-tetrachloro-	.812	4.06	
2.	105-60-2	Caprolactam	2.529	24.2	

FORM I SV-TIC

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 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: SKGW64-1024

Contract:

Lab File ID: 2071227/b5878

Lab Sample ID: 20712180220

Date Collected: 12/19/07 Time: 0955

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1259

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 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: SKGW64-1024

Contract:

Lab File ID: 2071227/b5878

Lab Sample ID: 20712180220

Date Collected: 12/19/07 Time: 0955

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1259

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 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: SKGW64-1024

Contract:

Lab File ID: 2071227/b5878

Lab Sample ID: 20712180220

Date Collected: 12/19/07 Time: 0955

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1259

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 960 Units: mL

Level: (low/med) LOW

% 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: SKGW64-1024

Contract:

Lab File ID: 2071227/b5878

Lab Sample ID: 20712180220

Date Collected: 12/19/07 Time: 0955

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1259

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 1

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	105-60-2	Caprolactam	2.541	48.3	

FORM I SV-TIC

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW61-1024

Contract:

Lab File ID: 2071227/b5879

Lab Sample ID: 20712180221

Date Collected: 12/19/07 Time: 1145

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1314

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW61-1024

Contract:

Lab File ID: 2071227/b5879

Lab Sample ID: 20712180221

Date Collected: 12/19/07 Time: 1145

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1314

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	1	J	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	10	U	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	26	U	0.01	26
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	26	U	0.01	26
87-86-5	Pentachlorophenol	26	U	0.01	26
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW61-1024

Contract:

Lab File ID: 2071227/b5879

Lab Sample ID: 20712180221

Date Collected: 12/19/07 Time: 1145

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1314

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121802
Matrix: Water
Sample wt/vol: 970 Units: mL
Level: (low/med) LOW
% 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: SKGW61-1024
Contract:
Lab File ID: 2071227/b5879
Lab Sample ID: 20712180221
Date Collected: 12/19/07 Time: 1145
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1314
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 3

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	79-34-5	Ethane, 1,1,2,2-tetrachloro-	.815	135	
2.	105-60-2	Caprolactam	2.583	249	
3.		Unknown	4.987	16.1	

FORM I SV-TIC

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW63-1024

Contract:

Lab File ID: 2071227/b5880

Lab Sample ID: 20712180222

Date Collected: 12/19/07 Time: 1045

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1330

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW63-1024

Contract:

Lab File ID: 2071227/b5880

Lab Sample ID: 20712180222

Date Collected: 12/19/07 Time: 1045

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1330

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW63-1024

Contract:

Lab File ID: 2071227/b5880

Lab Sample ID: 20712180222

Date Collected: 12/19/07 Time: 1045

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1330

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121802
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% 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: SKGW63-1024
Contract:
Lab File ID: 2071227/b5880
Lab Sample ID: 20712180222
Date Collected: 12/19/07 Time: 1045
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1330
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM 4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 11

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	111-46-6	Ethanol, 2,2'-oxybis-	1.062	5.46	
2.	112-80-1	Oleic Acid	5.047	8.52	
3.		Unknown	5.351	11.2	
4.	149-57-5	Hexanoic acid, 2-ethyl-	2.092	310	
5.	868-57-5	Butanoic acid, 2-methyl-, meth	2.342	6.94	
6.		Unknown	2.609	28.3	
7.		Unknown	2.657	116	
8.		Unknown	2.674	34.4	
9.		Unknown	2.688	51.6	
10.	59-48-3	2H-Indol-2-one, 1,3-dihydro-	3.472	36.3	
11.	57-10-3	Hexadecanoic acid	4.618	7.61	

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024

Contract:

Lab File ID: 2071227/b5881

Lab Sample ID: 20712180228

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1345

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

Sample ID: SKGW06R-1024

Contract:

Lab File ID: 2071227/b5881

Lab Sample ID: 20712180228

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1345

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CONCENTRATION UNITS: ug/L

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024

Contract:

Lab File ID: 2071227/b5881

Lab Sample ID: 20712180228

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1345

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121802
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% 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: SKGW06R-1024
Contract:
Lab File ID: 2071227/b5881
Lab Sample ID: 20712180228
Date Collected: 12/20/07 Time: 1030
Date Received: 12/21/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1345
Dilution Factor: 1 Analyst: JAR3
Prep Method: OLM 4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ OLM04.2
Instrument ID: MSSV3

Number TICs Found : 2

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	96-19-5	1-Propene, 1,2,3-trichloro-	.951	3.75	
2.	105-60-2	Caprolactam	2.549	64.3	

FORM I SV-TIC

gKM 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024 DUP

Contract:

Lab File ID: 2071227/b5882

Lab Sample ID: 20712180229

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1400

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024 DUP

Contract:

Lab File ID: 2071227/b5882

Lab Sample ID: 20712180229

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1400

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024 DUP

Contract:

Lab File ID: 2071227/b5882

Lab Sample ID: 20712180229

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1400

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% 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: SKGW06R-1024 DUP

Contract:

Lab File ID: 2071227/b5882

Lab Sample ID: 20712180229

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1400

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

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

Instrument ID: MSSV3

Number TICs Found : 4

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		Unknown	.903	3.71	
2.	96-19-5	1-Propene, 1,2,3-trichloro-	.948	7.86	
3.	105-60-2	Caprolactam	2.538	41.6	
4.	3389-71-7	Bicyclo[2.2.1]hepta-2,5-diene,	4.726	3.57	

FORM I SV-TIC

gcr 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071227/b5883

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1416

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071227/b5883

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1416

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10	U	0.01	10	R
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10	R
35-68-7	Butylbenzylphthalate	10	U	0.01	10	R
36-74-8	Carbazole	10	U	0.01	10	R
218-01-9	Chrysene	10	U	0.01	10	R
84-74-2	Di-n-butylphthalate	10	U	0.01	10	R
117-84-0	Di-n-octylphthalate	10	U	0.01	10	R
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10	R
132-64-9	Dibenzofuran	10	U	0.01	10	R
84-66-2	Diethylphthalate	10	U	0.01	10	R
131-11-3	Dimethyl-phthalate	10	U	0.01	10	R
105-67-9	2,4-Dimethylphenol	10	U	0.01	10	R
206-44-0	Fluoranthene	10	U	0.01	10	R
86-73-7	Fluorene	10	U	0.01	10	R
118-74-1	Hexachlorobenzene	10	U	0.01	10	R
87-68-3	Hexachlorobutadiene	10	U	0.01	10	R
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10	R
67-72-1	Hexachloroethane	10	U	0.01	10	R
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10	R
78-59-1	Isophorone	10	U	0.01	10	R
91-20-3	Naphthalene	10	U	0.01	10	R
100-01-6	4-Nitroaniline	26	U	0.01	26	R
98-95-3	Nitrobenzene	10	U	0.01	10	R
100-02-7	4-Nitrophenol	26	U	0.01	26	R
87-86-5	Pentachlorophenol	26	U	0.01	26	R
85-01-8	Phenanthrene	10	U	0.01	10	R
108-95-2	Phenol	10	U	0.01	10	R
129-00-0	Pyrene	10	U	0.01	10	R
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10	R

FORM I SV-1

JRM 02/17/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

Lab File ID: 2071227/b5883

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1416

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

JCW 02/17/08

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% 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-1024

Contract:

Lab File ID: 2071227/b5883

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1416

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2SYOA

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~~	~~.432~~	~~1.17~~	
2.	10544-50-0	Sulfur, mol. (S8)	4.953	2.2	
3.	~~75-09-2~~	~~Methylene Chloride~~	~~.474~~	~~1.17~~	
4.	79-34-5	Ethane, 1,1,2,2-tetrachloro-	.815	96.4	
5.		Unknown	1.726	1.51	
6.	1731-86-8	Undecanoic acid, methyl ester	1.965	1	
7.		Unknown	2.447	1.21	
8.	29424-94-0	Oxetane, 2,4-dimethyl-, trans-	2.634	.991	
9.	115-28-6	Bicyclo[2.2.1]hept-5-ene-2,3-d	4.723	8.06	
10.	54002-92-5	Dimethyl 1,4,5,6,7,7-hexachlor	4.922	1.56	

02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: EB

Contract:

Lab File ID: 2071227/b5884

Lab Sample ID: 20712180231

Date Collected: 12/20/07 Time: 1530

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1431

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

UJ

FORM I SV-1

gpc 02/15/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: EB

Contract:

Lab File ID: 2071227/b5884

Lab Sample ID: 20712180231

Date Collected: 12/20/07 Time: 1530

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1431

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	2	J	0.01	10
101-55-3	4-Bromophenyl-phenylether	10	U	0.01	10
85-68-7	Butylbenzylphthalate	10	U	0.01	10
86-74-8	Carbazole	10	U	0.01	10
218-01-9	Chrysene	10	U	0.01	10
84-74-2	Di-n-butylphthalate	0.6	J	0.01	10
117-84-0	Di-n-octylphthalate	10	U	0.01	10
53-70-3	Dibenz(a,h)anthracene	10	U	0.01	10
132-64-9	Dibenzofuran	10	U	0.01	10
84-66-2	Diethylphthalate	0.3	J	0.01	10
131-11-3	Dimethyl-phthalate	10	U	0.01	10
105-67-9	2,4-Dimethylphenol	10	U	0.01	10
206-44-0	Fluoranthene	10	U	0.01	10
86-73-7	Fluorene	10	U	0.01	10
118-74-1	Hexachlorobenzene	10	U	0.01	10
87-68-3	Hexachlorobutadiene	10	U	0.01	10
77-47-4	Hexachlorocyclopentadiene	10	U	0.01	10
67-72-1	Hexachloroethane	10	U	0.01	10
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.01	10
78-59-1	Isophorone	10	U	0.01	10
91-20-3	Naphthalene	10	U	0.01	10
100-01-6	4-Nitroaniline	25	U	0.01	25
98-95-3	Nitrobenzene	10	U	0.01	10
100-02-7	4-Nitrophenol	25	U	0.01	25
87-86-5	Pentachlorophenol	25	U	0.01	25
85-01-8	Phenanthrene	10	U	0.01	10
108-95-2	Phenol	10	U	0.01	10
129-00-0	Pyrene	10	U	0.01	10
621-64-7	N-Nitroso-di-n-propylamine	10	U	0.01	10

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: EB

Contract:

Lab File ID: 2071227/b5884

Lab Sample ID: 20712180231

Date Collected: 12/20/07 Time: 1530

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1431

Dilution Factor: 1 Analyst: JAR3

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 363962 Analytical Batch: 364242

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

FORM I SV-1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 207121802
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% 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: EB
Contract:
Lab File ID: 2071227/b5884
Lab Sample ID: 20712180231
Date Collected: 12/20/07 Time: 1530
Date Received: 12/21/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1431
Dilution Factor: 1 Analyst: JAR3
Prep Method: CLM4.2 SVOA
Analytical Method: ~~SW-846 8270C~~ CLM04.2
Instrument ID: MSSV3

Number TICs Found : 1

CONCENTRATION UNITS:ug/L

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	96-19-5	1-Propene, 1,2,3-trichloro-	.949	4.61	

FORM I SV-TIC

JYM 02/13/08

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024 (RE)

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180237

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024 (RE)

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180237

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 207121802

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

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

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024 (RE)

Contract:

Lab File ID: 2071231/b5903

Lab Sample ID: 20712180237

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/28/07

Date Analyzed: 12/31/07 Time: 1603

Dilution Factor: 1 Analyst: RRR

Prep Method: OLM4.2 SVOA

Analytical Method: OLMO 4.2

Instrument ID: MSSV3

Prep Batch: 364432 Analytical Batch: 364439

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

FORM I SV-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 980 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363959 Analytical Batch: 364441

Sample ID: SKGW59-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180201
Date Collected: 12/17/07 Time: 1650
Date Received: 12/18/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1359
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B
Lab File ID: 2071219/sv18b045

CONCENTRATION UNITS: ug/L

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

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62A-1024

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180205

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1417

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b046

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.000103	0.103
72-55-9	4,4'-DDE	0.103	U	0.000103	0.103
50-29-3	4,4'-DDT	0.103	U	0.000103	0.103
309-00-2	Aldrin	0.052	U	0.000103	0.052
12674-11-2	Aroclor-1016	1.03	U	0.000103	1.03
11104-28-2	Aroclor-1221	2.06	U	0.000103	2.06
11141-16-5	Aroclor-1232	1.03	U	0.000103	1.03
53469-21-9	Aroclor-1242	1.03	U	0.000103	1.03
12672-29-6	Aroclor-1248	1.03	U	0.000103	1.03
11097-69-1	Aroclor-1254	1.03	U	0.000103	1.03
11096-82-5	Aroclor-1260	1.03	U	0.000103	1.03
60-57-1	Dieldrin	0.103	U	0.000103	0.103
959-98-8	Endosulfan I	0.00310	J	0.000103	0.052
33213-65-9	Endosulfan II	0.103	U	0.000103	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.000103	0.103
72-20-8	Endrin	0.103	U	0.000103	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.000103	0.103
53494-70-5	Endrin ketone	0.103	U	0.000103	0.103
76-44-8	Heptachlor	0.052	U	0.000103	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000103	0.052
72-43-5	Methoxychlor	0.515	U	0.000103	0.515
8001-35-2	Toxaphene	5.15	U	0.000103	5.15
319-84-6	alpha-BHC	0.052	U	0.000103	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000103	0.052
319-85-7	beta-BHC	0.052	U	0.000103	0.052
319-86-8	delta-BHC	0.052	U	0.000103	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000103	0.052
5103-74-2	gamma-Chlordane	0.00360	J	0.000103	0.052

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 900 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: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW62A-1024 DUP

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180206

Date Collected: 12/18/07 Time: 1505

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1435

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b047

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.111	U	0.000111	0.111
72-55-9	4,4'-DDE	0.111	U	0.000111	0.111
50-29-3	4,4'-DDT	0.111	U	0.000111	0.111
309-00-2	Aldrin	0.056	U	0.000111	0.056
12674-11-2	Aroclor-1016	1.11	U	0.000111	1.11
11104-28-2	Aroclor-1221	2.22	U	0.000111	2.22
11141-16-5	Aroclor-1232	1.11	U	0.000111	1.11
53469-21-9	Aroclor-1242	1.11	U	0.000111	1.11
12672-29-6	Aroclor-1248	1.11	U	0.000111	1.11
11097-69-1	Aroclor-1254	1.11	U	0.000111	1.11
11096-82-5	Aroclor-1260	1.11	U	0.000111	1.11
60-57-1	Dieldrin	0.111	U	0.000111	0.111
959-98-8	Endosulfan I	0.00280	J	0.000111	0.056
33213-65-9	Endosulfan II	0.111	U	0.000111	0.111
1031-07-8	Endosulfan sulfate	0.111	U	0.000111	0.111
72-20-8	Endrin	0.111	U	0.000111	0.111
7421-93-4	Endrin aldehyde	0.111	U	0.000111	0.111
53494-70-5	Endrin ketone	0.111	U	0.000111	0.111
76-44-8	Heptachlor	0.056	U	0.000111	0.056
1024-57-3	Heptachlor epoxide	0.056	U	0.000111	0.056
72-43-5	Methoxychlor	0.556	U	0.000111	0.556
8001-35-2	Toxaphene	5.56	U	0.000111	5.56
319-84-6	alpha-BHC	0.056	U	0.000111	0.056
5103-71-9	alpha-Chlordane	0.056	U	0.000111	0.056
319-85-7	beta-BHC	0.056	U	0.000111	0.056
319-86-8	delta-BHC	0.056	U	0.000111	0.056
58-89-9	gamma-BHC (Lindane)	0.056	U	0.000111	0.056
5103-74-2	gamma-Chlordane	0.00300	J	0.000111	0.056

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 970 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW58-1024

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180207

Date Collected: 12/18/07 Time: 1340

Date Received: 12/19/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1452

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b048

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.000103	0.103
72-55-9	4,4'-DDE	0.103	U	0.000103	0.103
50-29-3	4,4'-DDT	0.103	U	0.000103	0.103
309-00-2	Aldrin	0.052	U	0.000103	0.052
12674-11-2	Aroclor-1016	1.03	U	0.000103	1.03
11104-28-2	Aroclor-1221	2.06	U	0.000103	2.06
11141-16-5	Aroclor-1232	1.03	U	0.000103	1.03
53469-21-9	Aroclor-1242	1.03	U	0.000103	1.03
12672-29-6	Aroclor-1248	1.03	U	0.000103	1.03
11097-69-1	Aroclor-1254	1.03	U	0.000103	1.03
11096-82-5	Aroclor-1260	1.03	U	0.000103	1.03
60-57-1	Dieldrin	0.103	U	0.000103	0.103
959-98-8	Endosulfan I	0.00280	J	0.000103	0.052
33213-65-9	Endosulfan II	0.103	U	0.000103	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.000103	0.103
72-20-8	Endrin	0.103	U	0.000103	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.000103	0.103
53494-70-5	Endrin ketone	0.103	U	0.000103	0.103
76-44-8	Heptachlor	0.052	U	0.000103	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000103	0.052
72-43-5	Methoxychlor	0.515	U	0.000103	0.515
8001-35-2	Toxaphene	5.15	U	0.000103	5.15
319-84-6	alpha-BHC	0.052	U	0.000103	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000103	0.052
319-85-7	beta-BHC	0.052	U	0.000103	0.052
319-86-8	delta-BHC	0.052	U	0.000103	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000103	0.052
5103-74-2	gamma-Chlordane	0.00300	J	0.000103	0.052

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 940 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: 363959 Analytical Batch: 364441

Sample ID: SKGW62B-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180217
Date Collected: 12/19/07 Time: 1335
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1546
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

CONCENTRATION UNITS: ug/L

Lab File ID: 2071219/sv18b051

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.106	U	0.000106	0.106
72-55-9	4,4'-DDE	0.106	U	0.000106	0.106
50-29-3	4,4'-DDT	0.106	U	0.000106	0.106
309-00-2	Aldrin	0.053	U	0.000106	0.053
12674-11-2	Aroclor-1016	1.06	U	0.000106	1.06
11104-28-2	Aroclor-1221	2.13	U	0.000106	2.13
11141-16-5	Aroclor-1232	1.06	U	0.000106	1.06
53469-21-9	Aroclor-1242	1.06	U	0.000106	1.06
12672-29-6	Aroclor-1248	1.06	U	0.000106	1.06
11097-69-1	Aroclor-1254	1.06	U	0.000106	1.06
11096-82-5	Aroclor-1260	1.06	U	0.000106	1.06
60-57-1	Dieldrin	0.106	U	0.000106	0.106
959-98-8	Endosulfan I	0.053	U	0.000106	0.053
33213-65-9	Endosulfan II	0.106	U	0.000106	0.106
1031-07-8	Endosulfan sulfate	0.106	U	0.000106	0.106
72-20-8	Endrin	0.106	U	0.000106	0.106
7421-93-4	Endrin aldehyde	0.106	U	0.000106	0.106
53494-70-5	Endrin ketone	0.106	U	0.000106	0.106
76-44-8	Heptachlor	0.053	U	0.000106	0.053
1024-57-3	Heptachlor epoxide	0.053	U	0.000106	0.053
72-43-5	Methoxychlor	0.532	U	0.000106	0.532
8001-35-2	Toxaphene	5.32	U	0.000106	5.32
319-84-6	alpha-BHC	0.053	U	0.000106	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.000106	0.053
319-85-7	beta-BHC	0.053	U	0.000106	0.053
319-86-8	delta-BHC	0.053	U	0.000106	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.000106	0.053
5103-74-2	gamma-Chlordane	0.053	U	0.000106	0.053

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 940 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: 363959 Analytical Batch: 364441

Sample ID: SKGW65-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180218
Date Collected: 12/19/07 Time: 0920
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1604
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

CONCENTRATION UNITS: ug/L
Lab File ID: 2071219/sv18b052

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.106	U	0.000106	0.106
72-55-9	4,4'-DDE	0.106	U	0.000106	0.106
50-29-3	4,4'-DDT	0.106	U	0.000106	0.106
309-00-2	Aldrin	0.053	U	0.000106	0.053
12674-11-2	Aroclor-1016	1.06	U	0.000106	1.06
11104-28-2	Aroclor-1221	2.13	U	0.000106	2.13
11141-16-5	Aroclor-1232	1.06	U	0.000106	1.06
53469-21-9	Aroclor-1242	1.06	U	0.000106	1.06
12672-29-6	Aroclor-1248	1.06	U	0.000106	1.06
11097-69-1	Aroclor-1254	1.06	U	0.000106	1.06
11096-82-5	Aroclor-1260	1.06	U	0.000106	1.06
60-57-1	Dieldrin	0.106	U	0.000106	0.106
959-98-8	Endosulfan I	0.00183	J	0.000106	0.053
33213-65-9	Endosulfan II	0.106	U	0.000106	0.106
1031-07-8	Endosulfan sulfate	0.106	U	0.000106	0.106
72-20-8	Endrin	0.106	U	0.000106	0.106
7421-93-4	Endrin aldehyde	0.00304	J	0.000106	0.106
53494-70-5	Endrin ketone	0.106	U	0.000106	0.106
76-44-8	Heptachlor	0.053	U	0.000106	0.053
1024-57-3	Heptachlor epoxide	0.00260	J	0.000106	0.053
72-43-5	Methoxychlor	0.532	U	0.000106	0.532
8001-35-2	Toxaphene	5.32	U	0.000106	5.32
319-84-6	alpha-BHC	0.053	U	0.000106	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.000106	0.053
319-85-7	beta-BHC	0.053	U	0.000106	0.053
319-86-8	delta-BHC	0.053	U	0.000106	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.000106	0.053
5103-74-2	gamma-Chlordane	0.00290	J	0.000106	0.053

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 970 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363959 Analytical Batch: 364441

Sample ID: SKGW60-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180219
Date Collected: 12/19/07 Time: 1300
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1621
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

CONCENTRATION UNITS: ug/L
Lab File ID: 2071219/sv18b053

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.103	U	0.000103	0.103
72-55-9	4,4'-DDE	0.103	U	0.000103	0.103
50-29-3	4,4'-DDT	0.103	U	0.000103	0.103
309-00-2	Aldrin	0.052	U	0.000103	0.052
12674-11-2	Aroclor-1016	1.03	U	0.000103	1.03
11104-28-2	Aroclor-1221	2.06	U	0.000103	2.06
11141-16-5	Aroclor-1232	1.03	U	0.000103	1.03
53469-21-9	Aroclor-1242	1.03	U	0.000103	1.03
12672-29-6	Aroclor-1248	1.03	U	0.000103	1.03
11097-69-1	Aroclor-1254	1.03	U	0.000103	1.03
11096-82-5	Aroclor-1260	1.03	U	0.000103	1.03
60-57-1	Dieldrin	0.103	U	0.000103	0.103
959-98-8	Endosulfan I	0.00216	J	0.000103	0.052
33213-65-9	Endosulfan II	0.103	U	0.000103	0.103
1031-07-8	Endosulfan sulfate	0.103	U	0.000103	0.103
72-20-8	Endrin	0.103	U	0.000103	0.103
7421-93-4	Endrin aldehyde	0.103	U	0.000103	0.103
53494-70-5	Endrin ketone	0.103	U	0.000103	0.103
76-44-8	Heptachlor	0.052	U	0.000103	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000103	0.052
72-43-5	Methoxychlor	0.515	U	0.000103	0.515
8001-35-2	Toxaphene	5.15	U	0.000103	5.15
319-84-6	alpha-BHC	0.052	U	0.000103	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000103	0.052
319-85-7	beta-BHC	0.052	U	0.000103	0.052
319-86-8	delta-BHC	0.052	U	0.000103	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000103	0.052
5103-74-2	gamma-Chlordane	0.00340	J	0.000103	0.052

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 960 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW64-1024

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180220

Date Collected: 12/19/07 Time: 0955

Date Received: 12/20/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1753

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b057

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.104	U	0.000104	0.104
72-55-9	4,4'-DDE	0.104	U	0.000104	0.104
50-29-3	4,4'-DDT	0.104	U	0.000104	0.104
309-00-2	Aldrin	0.052	U	0.000104	0.052
12674-11-2	Aroclor-1016	1.04	U	0.000104	1.04
11104-28-2	Aroclor-1221	2.08	U	0.000104	2.08
11141-16-5	Aroclor-1232	1.04	U	0.000104	1.04
53469-21-9	Aroclor-1242	1.04	U	0.000104	1.04
12672-29-6	Aroclor-1248	1.04	U	0.000104	1.04
11097-69-1	Aroclor-1254	1.04	U	0.000104	1.04
11096-82-5	Aroclor-1260	1.04	U	0.000104	1.04
60-57-1	Dieldrin	0.104	U	0.000104	0.104
959-98-8	Endosulfan I	0.00370	J	0.000104	0.052
33213-65-9	Endosulfan II	0.104	U	0.000104	0.104
1031-07-8	Endosulfan sulfate	0.104	U	0.000104	0.104
72-20-8	Endrin	0.104	U	0.000104	0.104
7421-93-4	Endrin aldehyde	0.104	U	0.000104	0.104
53494-70-5	Endrin ketone	0.104	U	0.000104	0.104
76-44-8	Heptachlor	0.052	U	0.000104	0.052
1024-57-3	Heptachlor epoxide	0.052	U	0.000104	0.052
72-43-5	Methoxychlor	0.521	U	0.000104	0.521
8001-35-2	Toxaphene	5.21	U	0.000104	5.21
319-84-6	alpha-BHC	0.052	U	0.000104	0.052
5103-71-9	alpha-Chlordane	0.052	U	0.000104	0.052
319-85-7	beta-BHC	0.052	U	0.000104	0.052
319-86-8	delta-BHC	0.052	U	0.000104	0.052
58-89-9	gamma-BHC (Lindane)	0.052	U	0.000104	0.052
5103-74-2	gamma-Chlordane	0.00340	J	0.000104	0.052

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 990 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363959 Analytical Batch: 364441

Sample ID: SKGW61-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180221
Date Collected: 12/19/07 Time: 1145
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1811
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

CONCENTRATION UNITS: ug/L
Lab File ID: 2071219/sv18b058

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

FORM I ORG-1

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 970 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: ID: (mm)
Concentrated Extract Volume: 1000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 363959 Analytical Batch: 364441

Sample ID: SKGW63-1024
Contract:
SAS No.: SDG No.: 207121802
Lab Sample ID: 20712180222
Date Collected: 12/19/07 Time: 1045
Date Received: 12/20/07
Date Extracted: 12/22/07
Date Analyzed: 12/27/07 Time: 1829
Dilution Factor: 1 Analyst: DLB
Prep Method: OLM4.2 PEST/PCB
Analytical Method: OLMO 4.2
Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B
Lab File ID: 2071219/sv18b059

CONCENTRATION UNITS: ug/L

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

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 960 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180228

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1847

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b060

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

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 980 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW06R-1024 DUP

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180229

Date Collected: 12/20/07 Time: 1030

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1905

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b061

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

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 940 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: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: SKGW07R-1024

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180230

Date Collected: 12/20/07 Time: 1415

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1922

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b062

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.106	U	0.000106	0.106
72-55-9	4,4'-DDE	0.106	U	0.000106	0.106
50-29-3	4,4'-DDT	0.106	U	0.000106	0.106
309-00-2	Aldrin	0.053	U	0.000106	0.053
12674-11-2	Aroclor-1016	1.06	U	0.000106	1.06
11104-28-2	Aroclor-1221	2.13	U	0.000106	2.13
11141-16-5	Aroclor-1232	1.06	U	0.000106	1.06
53469-21-9	Aroclor-1242	1.06	U	0.000106	1.06
12672-29-6	Aroclor-1248	1.06	U	0.000106	1.06
11097-69-1	Aroclor-1254	1.06	U	0.000106	1.06
11096-82-5	Aroclor-1260	1.06	U	0.000106	1.06
60-57-1	Dieldrin	0.106	U	0.000106	0.106
959-98-8	Endosulfan I	0.053	U	0.000106	0.053
33213-65-9	Endosulfan II	0.106	U	0.000106	0.106
1031-07-8	Endosulfan sulfate	0.106	U	0.000106	0.106
72-20-8	Endrin	0.106	U	0.000106	0.106
7421-93-4	Endrin aldehyde	0.106	U	0.000106	0.106
53494-70-5	Endrin ketone	0.106	U	0.000106	0.106
76-44-8	Heptachlor	0.053	U	0.000106	0.053
1024-57-3	Heptachlor epoxide	0.053	U	0.000106	0.053
72-43-5	Methoxychlor	0.532	U	0.000106	0.532
8001-35-2	Toxaphene	5.32	U	0.000106	5.32
319-84-6	alpha-BHC	0.053	U	0.000106	0.053
5103-71-9	alpha-Chlordane	0.053	U	0.000106	0.053
319-85-7	beta-BHC	0.053	U	0.000106	0.053
319-86-8	delta-BHC	0.053	U	0.000106	0.053
58-89-9	gamma-BHC (Lindane)	0.053	U	0.000106	0.053
5103-74-2	gamma-Chlordane	0.00761	J	0.000106	0.053

FORM I ORG-1

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 960 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: ID: (mm)

Concentrated Extract Volume: 1000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 363959 Analytical Batch: 364441

CONCENTRATION UNITS: ug/L

Sample ID: EB

Contract:

SAS No.: SDG No.: 207121802

Lab Sample ID: 20712180231

Date Collected: 12/20/07 Time: 1530

Date Received: 12/21/07

Date Extracted: 12/22/07

Date Analyzed: 12/27/07 Time: 1940

Dilution Factor: 1 Analyst: DLB

Prep Method: OLM4.2 PEST/PCB

Analytical Method: OLMO 4.2

Sulfur Cleanup: (Y/N) N Instrument ID: GCS18B

Lab File ID: 2071219/sv18b063

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

FORM I ORG-1

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW59-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180201

Level: (low / med) Date Received: 12/18/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	17100			P	
7440-36-0	Antimony	3.0	B	N	P	J
7440-38-2	Arsenic	18.2			P	
7440-39-3	Barium	467			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	291000			P	
7440-47-3	Chromium	71.0		E	P	J
7440-48-4	Cobalt	24.7	B		P	
7440-50-8	Copper	26.3		E	P	J
7439-89-6	Iron	52600			P	
7439-92-1	Lead	28.1		E	P	J
7439-95-4	Magnesium	61900			P	
7439-96-5	Manganese	2970			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	74.6		E	P	J
7440-09-7	Potassium	20400			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	95600			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	47.0	B	E	P	J
7440-66-6	Zinc	135		E	P	J
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:

FORM I - IN ILM04.1

JLM 02/17/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW59-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180204

Level: (low / med) Date Received: 12/18/07

% 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	38.4	B		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	3.0	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	5.5	B		P	
7439-89-6	Iron	16.6	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	35800			P	
7439-96-5	Manganese	4.6	B		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	17900		E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.4	B		P	
7440-23-5	Sodium	94000			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	9.6	B		P	J
7440-66-6	Zinc	37.5			P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

JLM 02/15/07

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

EPA SAMPLE NO.

SKGW62A-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180205

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12300			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	7.5	B		P	
7440-39-3	Barium	354			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	207000			P	
7440-47-3	Chromium	35.1		E	P	J
7440-48-4	Cobalt	12.3	B		P	
7440-50-8	Copper	17.2	B	E	P	J
7439-89-6	Iron	30900			P	
7439-92-1	Lead	22.9		E	P	J
7439-95-4	Magnesium	59700			P	
7439-96-5	Manganese	981			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	35.6	B	E	P	J
7440-09-7	Potassium	10600			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	111000			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	35.7	B	E	P	J
7440-66-6	Zinc	95.9		E	P	J
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:

JCM 02/17/08

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

EPA SAMPLE NO.

SKGW62A-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180206

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	10500			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	4.0	B		P	
7440-39-3	Barium	323			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	197000			P	
7440-47-3	Chromium	34.0		E	P	J
7440-48-4	Cobalt	11.1	B		P	
7440-50-8	Copper	14.4	B	E	P	J
7439-89-6	Iron	28000			P	
7439-92-1	Lead	19.6		E	P	J
7439-95-4	Magnesium	58800			P	
7439-96-5	Manganese	810			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	33.1	B	E	P	J
7440-09-7	Potassium	10100			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	111000			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	32.7	B	E	P	J
7440-66-6	Zinc	82.7		E	P	J

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

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

Comments:

FORM I - IN ILM04.1

JLM 02/17/08

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

EPA SAMPLE NO.

SKGW58-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180207

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	37200			P	
7440-36-0	Antimony	11.7	B	N	P	J
7440-38-2	Arsenic	22.1			P	
7440-39-3	Barium	528			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	474000			P	
7440-47-3	Chromium	77.2		E	P	J
7440-48-4	Cobalt	40.3	B		P	
7440-50-8	Copper	76.7		E	P	J
7439-89-6	Iron	104000			P	
7439-92-1	Lead	52.7		E	P	J
7439-95-4	Magnesium	112000			P	
7439-96-5	Manganese	3240			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	97.4		E	P	J
7440-09-7	Potassium	11800			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	31700			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	89.7		E	P	J
7440-66-6	Zinc	274		E	P	J
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:

JLW 02/17/08

868

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

EPA SAMPLE NO.

SKGW58-1024 MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180208

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	39000			P	
7440-36-0	Antimony	63.6		N	P	J
7440-38-2	Arsenic	63.4			P	
7440-39-3	Barium	2510			P	
7440-41-7	Beryllium	50.4			P	
7440-43-9	Cadmium	41.9			P	
7440-70-2	Calcium	485000			P	
7440-47-3	Chromium	284		E	P	J
7440-48-4	Cobalt	530			P	
7440-50-8	Copper	339		E	P	J
7439-89-6	Iron	105000			P	
7439-92-1	Lead	74.9		E	P	J
7439-95-4	Magnesium	110000			P	
7439-96-5	Manganese	3710			P	
7439-97-6	Mercury	5.2			AV	
7440-02-0	Nickel	598		E	P	J
7440-09-7	Potassium	11700			P	
7782-49-2	Selenium	11.0			P	J
7440-22-4	Silver	46.5			P	
7440-23-5	Sodium	30900			P	
7440-28-0	Thallium	46.1			P	
7440-62-2	Vanadium	622		E	P	J
7440-66-6	Zinc	811		E	P	J
57-12-5	Cyanide	101			AS	

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

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

Comments:

FORM I - IN ILM04.1

JLW 02/17/08

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

EPA SAMPLE NO.

SKGW58-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180210

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	36600			P	
7440-36-0	Antimony	10.0	B	N	P	J
7440-38-2	Arsenic	24.5			P	
7440-39-3	Barium	521			P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	463000			P	
7440-47-3	Chromium	80.3		E	P	J
7440-48-4	Cobalt	39.8	B		P	
7440-50-8	Copper	74.3		E	P	J
7439-89-6	Iron	101000			P	
7439-92-1	Lead	51.6		E	P	J
7439-95-4	Magnesium	106000			P	
7439-96-5	Manganese	3150			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	95.0		E	P	J
7440-09-7	Potassium	11900			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	30500			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	90.1		E	P	J
7440-66-6	Zinc	267		E	P	J
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:

FORM I - IN ILM04.1

JWO 02/17/08

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

EPA SAMPLE NO.

SKGW62A-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180212

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	377			P	
7440-36-0	Antimony	2.4	U		P	
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	110	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	123000			P	
7440-47-3	Chromium	4.3	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	6.8	B		P	
7439-89-6	Iron	625			P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	44000			P	
7439-96-5	Manganese	140			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	2.1	B		P	
7440-09-7	Potassium	8110		E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	108000			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	13.5	B		P	J
7440-66-6	Zinc	10.8	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

JLM 02/15/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW62A-1024 DUP(DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180213

Level: (low / med) Date Received: 12/19/07

% 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	107	B		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	126000			P
7440-47-3	Chromium	3.1	B		P
7440-48-4	Cobalt	0.2	U		P
7440-50-8	Copper	5.4	B		P
7439-89-6	Iron	32.5	B		P
7439-92-1	Lead	0.8	U		P
7439-95-4	Magnesium	44300			P
7439-96-5	Manganese	115			P
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	1.1	B		P
7440-09-7	Potassium	8220		E	P
7782-49-2	Selenium	3.9	U	N	P
7440-22-4	Silver	0.3	U		P
7440-23-5	Sodium	110000			P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	11.3	B		P
7440-66-6	Zinc	14.8	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

JLM 02/15/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW58-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180214

Level: (low / med) Date Received: 12/19/07

% 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	125	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	109000			P	
7440-47-3	Chromium	2.4	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.8	B		P	
7439-89-6	Iron	9.4	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	32700			P	
7439-96-5	Manganese	9.5	B		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	4370	B	E	P	
7782-49-2	Selenium	3.9	U	N	P	RJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	29900			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	9.3	B		P	UJ
7440-66-6	Zinc	36.7			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

gm 02/15/08

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

EPA SAMPLE NO.

SKGW58-1024 MS(DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180215

Level: (low / med) Date Received: 12/19/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2030			P	
7440-36-0	Antimony	105			P	
7440-38-2	Arsenic	42.9			P	
7440-39-3	Barium	2160			P	
7440-41-7	Beryllium	53.3			P	
7440-43-9	Cadmium	51.5			P	
7440-70-2	Calcium	114000			P	
7440-47-3	Chromium	213			P	
7440-48-4	Cobalt	503			P	
7440-50-8	Copper	256			P	
7439-89-6	Iron	1060			P	
7439-92-1	Lead	21.8			P	
7439-95-4	Magnesium	33400			P	
7439-96-5	Manganese	530			P	
7439-97-6	Mercury	5.3			AV	
7440-02-0	Nickel	521			P	
7440-09-7	Potassium	4440	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	55.0			P	
7440-23-5	Sodium	30100			P	
7440-28-0	Thallium	53.7			P	
7440-62-2	Vanadium	547			P	J
7440-66-6	Zinc	574			P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/15/08

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

EPA SAMPLE NO.

SKGW58-1024 DUP(DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180216

Level: (low / med) Date Received: 12/19/07

% 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	127	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	2.6	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	4.6	B		P	
7439-89-6	Iron	17.7	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	33000			P	
7439-96-5	Manganese	9.8	B		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	4400	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	30400			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	8.9	B		P	UJ
7440-66-6	Zinc	38.5			P	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

gpr 02/15/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW60-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180219

Level: (low / med) Date Received: 12/20/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2590			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	77.8	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	207000			P	
7440-47-3	Chromium	6.6	B	E	P	J
7440-48-4	Cobalt	2.4	B		P	
7440-50-8	Copper	0.7	U	E	P	
7439-89-6	Iron	6070			P	
7439-92-1	Lead	3.6		E	P	J
7439-95-4	Magnesium	29500			P	
7439-96-5	Manganese	187			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	4.2	B	E	P	J
7440-09-7	Potassium	8170			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	19700			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	11.3	B	E	P	J
7440-66-6	Zinc	18.5	B	E	P	J
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:

JLW 02/17/08

875

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

EPA SAMPLE NO.

SKGW64-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180220

Level: (low / med) Date Received: 12/20/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15600			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	B		P	
7440-39-3	Barium	84.9	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	252000			P	
7440-47-3	Chromium	25.8		E	P	J
7440-48-4	Cobalt	19.6	B		P	
7440-50-8	Copper	3.4	B	E	P	J
7439-89-6	Iron	37200			P	
7439-92-1	Lead	11.8		E	P	J
7439-95-4	Magnesium	71600			P	
7439-96-5	Manganese	3830			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	39.1	B	E	P	J
7440-09-7	Potassium	22100			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	56600			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	38.2	B	E	P	J
7440-66-6	Zinc	79.6		E	P	J
57-12-5	Cyanide	2.0	B		AS	

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

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

Comments:

JKM 02/17/08

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

EPA SAMPLE NO.

SKGW61-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180221

Level: (low / med) Date Received: 12/20/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1780			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	45.9	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	429000			P	
7440-47-3	Chromium	8.5	B	E	P	J
7440-48-4	Cobalt	2.5	B		P	
7440-50-8	Copper	0.9	B	E	P	J
7439-89-6	Iron	9040			P	
7439-92-1	Lead	2.1	B	E	P	J
7439-95-4	Magnesium	80800			P	
7439-96-5	Manganese	523			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	13.3	B	E	P	J
7440-09-7	Potassium	15300			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	65800			P	
7440-28-0	Thallium	3.7	B		P	
7440-62-2	Vanadium	17.0	B	E	P	J
7440-66-6	Zinc	27.3		E	P	J
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:

JKM 02/17/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW63-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180222

Level: (low / med) Date Received: 12/20/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	6970			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	64.6	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	426000			P	
7440-47-3	Chromium	15.0		E	P	J
7440-48-4	Cobalt	5.0	B		P	
7440-50-8	Copper	5.0	B	E	P	J
7439-89-6	Iron	15600			P	
7439-92-1	Lead	10.2		E	P	J
7439-95-4	Magnesium	103000			P	
7439-96-5	Manganese	734			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	14.4	B	E	P	J
7440-09-7	Polassium	7150			P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	63500			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	26.5	B	E	P	J
7440-66-6	Zinc	55.0		E	P	J
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:

FORM I - IN ILM04.1

JKW 02/17/08

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SKGW60-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180224

Level: (low / med) Date Received: 12/20/07

% 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	57.3	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	204000			P	
7440-47-3	Chromium	2.5	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	5.6	B		P	
7439-89-6	Iron	23.7	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	28100			P	
7439-96-5	Manganese	3.7	B		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	7430		E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	20100			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	9.1	B		P	J
7440-66-6	Zinc	10.4	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

JLM 02/15/08

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

EPA SAMPLE NO.

SKGW64-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180225

Level: (low / med) Date Received: 12/20/07

% 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	42.0	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	188000			P	
7440-47-3	Chromium	3.6	B		P	
7440-48-4	Cobalt	0.8	B		P	
7440-50-8	Copper	7.2	B		P	
7439-89-6	Iron	21.6	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	58800			P	
7439-96-5	Manganese	787			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	8.4	B		P	
7440-09-7	Potassium	20100		E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	55300			P	
7440-28-0	Thallium	2.3	B		P	
7440-62-2	Vanadium	13.9	B		P	J
7440-66-6	Zinc	6.4	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

JLW 02/15/

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

EPA SAMPLE NO.

SKGW61-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180226

Level: (low / med) Date Received: 12/20/07

% 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	35.0	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	419000			P	
7440-47-3	Chromium	4.4	B		P	
7440-48-4	Cobalt	2.1	B		P	
7440-50-8	Copper	7.1	B		P	
7439-89-6	Iron	4390			P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	75800			P	
7439-96-5	Manganese	714			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	9.5	B		P	
7440-09-7	Potassium	14000		E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	68100			P	
7440-28-0	Thallium	4.6	B		P	
7440-62-2	Vanadium	16.8	B		P	J
7440-66-6	Zinc	14.7	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

02/15/08

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

EPA SAMPLE NO.

SKGW63-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180227

Level: (low / med) Date Received: 12/20/07

% 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	32.8	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	392000			P	
7440-47-3	Chromium	5.7	B		P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	8.1	B		P	
7439-89-6	Iron	47.8	B		P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	93500			P	
7439-96-5	Manganese	107			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	1.8	B		P	
7440-09-7	Potassium	5620		E	P	RJ
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.5	B		P	
7440-23-5	Sodium	59600			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	18.3	B		P	UJ
7440-66-6	Zinc	10.9	B		P	UJ

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

gpr 02/15/08

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

EPA SAMPLE NO.

SKGW06R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180228

Level: (low / med) Date Received: 12/21/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2670			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	183	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	240000			P	
7440-47-3	Chromium	7.9	B	E	P	J
7440-48-4	Cobalt	5.0	B		P	
7440-50-8	Copper	0.7	U	E	P	J
7439-89-6	Iron	8000			P	
7439-92-1	Lead	5.9		E	P	J
7439-95-4	Magnesium	50100			P	
7439-96-5	Manganese	410			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	7.1	B	E	P	J
7440-09-7	Potassium	3240	B		P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	22400			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	17.1	B	E	P	J
7440-66-6	Zinc	25.6		E	P	J
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:

JLM 02/17/08

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

EPA SAMPLE NO.

SKGW06R-1024 DUP

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180229

Level: (low / med) Date Received: 12/21/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2410			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	187	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	243000			P	
7440-47-3	Chromium	7.8	B	E	P	J
7440-48-4	Cobalt	4.5	B		P	
7440-50-8	Copper	0.7	U	E	P	
7439-89-6	Iron	7020			P	
7439-92-1	Lead	6.5		E	P	J
7439-95-4	Magnesium	49000			P	
7439-96-5	Manganese	395			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	6.7	B	E	P	J
7440-09-7	Potassium	3260	B		P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	23600			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	16.9	B	E	P	J
7440-66-6	Zinc	24.9		E	P	J
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:

JKM 02/17/08

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

EPA SAMPLE NO.

SKGW07R-1024

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180230

Level: (low / med) Date Received: 12/21/07

% Solids:

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4210			P	
7440-36-0	Antimony	2.4	U	N	P	UJ
7440-38-2	Arsenic	3.0	B		P	
7440-39-3	Barium	178	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	229000			P	
7440-47-3	Chromium	9.0	B	E	P	J
7440-48-4	Cobalt	6.2	B		P	
7440-50-8	Copper	0.7	U	E	P	
7439-89-6	Iron	8420			P	
7439-92-1	Lead	7.0		E	P	J
7439-95-4	Magnesium	38700			P	
7439-96-5	Manganese	477			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	8.7	B	E	P	J
7440-09-7	Potassium	2550	B		P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	18900			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	17.6	B	E	P	J
7440-66-6	Zinc	32.5		E	P	J
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:

JLM 02/17/08

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

EPA SAMPLE NO.

EB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180231

Level: (low / med) Date Received: 12/21/07

% 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	N	P	UJ
7440-38-2	Arsenic	2.4	U		P	
7440-39-3	Barium	0.1	U		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	9.3	U		P	
7440-47-3	Chromium	0.3	U	E	P	
7440-48-4	Cobalt	0.2	U		P	
7440-50-8	Copper	0.7	U	E	P	
7439-89-6	Iron	8.5	U		P	
7439-92-1	Lead	0.8	U	E	P	
7439-95-4	Magnesium	24.1	U		P	
7439-96-5	Manganese	0.3	U		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U	E	P	
7440-09-7	Potassium	25.1	U		P	
7782-49-2	Selenium	3.9	U		P	UJ
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	25.8	U		P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	1.1	B	E	P	J
7440-66-6	Zinc	1.1	U	E	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

JLW 02/17/08

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

EPA SAMPLE NO.

SKGW06R-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180233

Level: (low / med) Date Received: 12/21/07

% 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	144	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	214000			P	
7440-47-3	Chromium	2.1	B		P	
7440-48-4	Cobalt	3.9	B		P	
7440-50-8	Copper	4.6	B		P	
7439-89-6	Iron	139			P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	35500			P	
7439-96-5	Manganese	364			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	2.2	B		P	
7440-09-7	Potassium	2710	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	22400			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	11.0	B		P	J
7440-66-6	Zinc	7.5	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/15/08

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

EPA SAMPLE NO.

SKGW06R-1024 (DISS) DU

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180234

Level: (low / med) Date Received: 12/21/07

% 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	138	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	208000			P	
7440-47-3	Chromium	2.2	B		P	
7440-48-4	Cobalt	3.2	B		P	
7440-50-8	Copper	4.7	B		P	
7439-89-6	Iron	277			P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	34600			P	
7439-96-5	Manganese	327			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	2.3	B		P	
7440-09-7	Potassium	2630	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	~~R~~ R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	22700			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	10.8	B		P	J
7440-66-6	Zinc	18.1	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/15/08

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

EPA SAMPLE NO.

SKGW07R-1024 (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180235

Level: (low / med) Date Received: 12/21/07

% 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	62.8	B		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	207000			P	
7440-47-3	Chromium	1.9	B		P	
7440-48-4	Cobalt	1.8	B		P	
7440-50-8	Copper	4.1	B		P	
7439-89-6	Iron	231			P	
7439-92-1	Lead	0.8	U		P	
7439-95-4	Magnesium	29600			P	
7439-96-5	Manganese	271			P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	1.0	B		P	
7440-09-7	Potassium	1590	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	18600			P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	9.3	B		P	J
7440-66-6	Zinc	10.9	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/15/08

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

EPA SAMPLE NO.

EB (DISS)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix: (soil / water) Water Lab Sample ID: 20712180236

Level: (low / med) Date Received: 12/21/07

% 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	0.1	U		P	
7440-41-7	Beryllium	0.1	U		P	
7440-43-9	Cadmium	0.3	B		P	
7440-70-2	Calcium	18.0	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	0.6	B		P	
7439-97-6	Mercury	0.1	U		AV	
7440-02-0	Nickel	0.4	U		P	
7440-09-7	Potassium	31.0	B	E	P	J
7782-49-2	Selenium	3.9	U	N	P	R
7440-22-4	Silver	0.3	U		P	
7440-23-5	Sodium	25.8	U		P	
7440-28-0	Thallium	1.7	U		P	
7440-62-2	Vanadium	1.0	U		P	
7440-66-6	Zinc	2.1	B		P	J

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN ILM04.1

02/15/

MS/MSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 207121802

Matrix Spike - EPA Sample No: SKGW58-1024

SAMPLE NO. : 20712180208

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
Aluminum	ug/L	2000	37200	39000	89		75 - 125
Antimony	ug/L	100	11.7	63.6	52	N	75 - 125
Arsenic	ug/L	40	22.1	63.4	103		75 - 125
Barium	ug/L	2000	528	2510	99		75 - 125
Beryllium	ug/L	50	.1	50.4	101		75 - 125
Cadmium	ug/L	50	.1	41.9	84		75 - 125
Chromium	ug/L	200	77.2	284	104		75 - 125
Cobalt	ug/L	500	40.3	530	98		75 - 125
Copper	ug/L	250	76.7	339	105		75 - 125
Iron	ug/L	1000	104000	105000	62	N	75 - 125
Lead	ug/L	20	52.7	74.9	111		75 - 125
Manganese	ug/L	500	3240	3710	94		75 - 125
Mercury	ug/L	5	.1	5.2	104		75 - 125
Nickel	ug/L	500	97.4	598	100		75 - 125
Selenium	ug/L	10	3.9	11	110		75 - 125
Silver	ug/L	50	.3	46.5	93		75 - 125
Thallium	ug/L	50	1.7	46.1	92		75 - 125
Vanadium	ug/L	500	89.7	622	106		75 - 125
Zinc	ug/L	500	274	811	107		75 - 125
Cyanide	ug/L	100	.6	101	101		75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 0 outside limits

Spike Recovery: 2 out of 20 outside limits

JLM 03/27/08

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4342	2071218 02	1-3-08
Client Name	Client #	Workorder #	Due Date

Report to:
Client: EARTH TECH
Address: 2373 Progress DR.
Hebron KY 41048
Contact: Alex Maginnis
Phone: 859-442-2300
Fax: 859-442-2311

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

P.O. Number: 54280.
Project Name/Number: Skinner Landfill - 4th Qtr. 07
Sampled By: Roger Huth / Martin Crowe

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	Volatiles	Semi-Volatiles	Pesticides	PCB's	Total Metals	Dissolved Metals	Cyanide	Remarks:	Lab ID
W	12/17/07	1650		X	SKGW59-1024	Various	10	X	X	X	X	X	X	X	Refer to Table 7 (TCL) and Table 8 (TAL) of the final O&M Plan for the list of analytes	1255
W	12/17/07			X	trip blank	HCl	3	X								

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger Huth	FED EX	12/17/07	2000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Feder	ML	12-18-07	947
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: SAMPLES Sent via FED EX
Standard Turnaround

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

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

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

WHITE: CLIENT FINAL REPORT CANARY: LABORATORY PINK: CLIENT

GCAL-06 11-98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4372	20121802	1-4-07

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: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Roger Huth / Martin Crowe

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	VOC	SVOC	PCB's	Pesticides	CYANIDE	Remarks:	Lab ID
W	12-18	1505		X	SKGW62A-1024	Various	8	X	X	X	X	X	Refer to Table	5
		"			SKGW62A-1024 DUP	"	6	X	X	X	X		7 (TCL) and	6
		1340			SKGW58-1024		3	X					Table 8 (TAC)	7
		"			SKGW58-1024 MS		"	X					of the final	8
		"			SKGW58-1024 MSD		"	X					O&M Plan	9,10
					Trip Blank		"	X					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	12/18/07	1930
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	12/19/07	951
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Samples Sent via Fed Ex
Standard Turnaround

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

WHITE: CLIENT FINAL REPORT CANARY: LABORATORY PINK: CLIENT

GCAL-06 11/98

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

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth tech	4342	20712 1802	1-4-07

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: 52280.01
Project Name/Number: Skinner Landfill - 4th Qtr 07
Sampled By: Roger Huth / Martin Crowe

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	Semi-Volatiles	PCB's	Pesticides	Cyanide	Remarks:	Lab ID
W	12/18-07	1340		X	SK GW 58-1024	Various	5	X	X	X	X	Refer to Table	7
W	12/18-07	1340		X	SKGW 58-1024 MS	"	5	X	X	X	X	7 (TCL) and	8
												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	12/18/07	1930
Fedex	[illegible]	12/19/07	951

Note: Samples sent via Fed Ex Standard Turnaround

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

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

We cannot accept verbal changes. Please fax written changes to [illegible] 767-5717

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4342	207121802	1-4-07
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: Contract
Client: Glen Springs ~~Client~~
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr 2007
Sampled By: Roger Huth / Martin Crowe

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	Pesticide	PCB's	Cyanide	Total Metals	Dissolved Metals	Remarks:	Lab ID / DSS
W	12/18-07	1340		X	SKGW58-1024 MSD	Various	7	X	X	X	X	X	X	Refer to Table 9	16
		"			SKGW58-1024 MS		2					X	X	7 (TCL) and	15
		"			SKGW58-1024		2					X	X	Table 8 (TAC)	14
		1505			SKGW62A-1024		2					X	X	of the final	12
		"			SKGW62A-1024 DUP		2					X	X	O&M Plan	13
														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	12/18/07	1930
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Foley	M	12/19-07	951
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Samples sent via fed Ex
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

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4342	207129807	1-5-07
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: Glen Springs
Address: Contract
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr. '07
Sampled By: Roger Huth / Martin Crowe

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's	PCB's	Pesticides	Cyanide	Lab ID
W	12/19-07	1045		X	SKGW63-1024	Various	5	X	X	X	X	22
W	"	1145		X	SKGW61-1024	"	5	X	X	X	X	21

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	12-19-07	1800
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	12-20-07	1011
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Samples sent via Fed Ex Standard Turnaround

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

Matrix: W[illegible] or S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = [illegible]

We cannot accept verbal changes. Please fax written changes to [illegible]) 767-5717

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	207121802	Lsy

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: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr '07
Sampled By: Roger Huth / Martin Crowe

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's	PCB's	Pesticides	Cyanide	Remarks:	Lab ID
W	12/19/07	0955		X	SKGW64-1024	Various	5	X	X	X	X	Refer to Table 7 (TCL) and Table 8 (TAC) of the final O&M Plan for the list of analytes	20
"	"	1300		X	SKGW60-1024	"	5	X	X	X	X		19

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	12/19/07	1800
Fedex	[illegible]	12/20/07	1011

Note: Samples sent via Fed Ex 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

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	707121802	1-5-9

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: Glen Springs Contract
Address:
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr. '07
Sampled By: Roger Hull

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	VOC's	SVOC's	Pesticides	PCB's	Total Metals	Dissolved Metals	Remarks:	Lab ID	
W	12/19/07	1335		X	SKGW62B-1024		6	X	X	X				Refer to Table	17	
		0920			SKGW65-1024		6	X	X	X				7 (TCL) and	18	
		1300			SKGW60-1024		5	X				X	X	Table 8 (TAL)	19	24
		0955			SKGW64-1024		5	X				X	X	of the final	20	25
		1145			SKGW61-1024		5	X				X	X	O&M Plan	21	26
		1045			SKGW63-1024		5	X				X	X	for the list	22	27
					TRIP BLANK		3	X						of analytes	23	

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Roger E Hull	FED EX	12/14/07	1800
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed Ex	MK	12-20-07	1011
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Samples sent via Fed Ex
Standard Turnaround

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

Matrix: W = water, S = soil, SD = solid, L = liquid, SL = sludge, O = oil, CT = charcoal tube, A = ... We cannot accept verbal changes. Please fax written changes to ... (225) 767-5717

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
Earth Tech	4342	2071218 02	1-8-08

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: Glen Springs
Address: Contract
Contact:
Phone:
Fax:

P.O. Number: 54280.01
Project Name/Number: Skinner Land fill - 4th Qtr, 2007
Sampled By: Roger Huth

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	VOC's	SVOC's	Pesticides	PCB's	Total Metals	Dissolved Metals	CYANIDE	Remarks:	Lab ID	
W	12/20/07	1030		X	SKGW06R-1024	Various	8	X	X	X	X			X	Refer to Table	28	33
"	"	1030		"	SKGW06R-1024 DUP	"	8	X	X	X	X			X	7 (TCL) and	29	34
"	"	1415		"	SKGW07R-1024	"	3	X							Table 8 (TAC)	30	
"	"	1530		"	E.B. (EQUIPMENT BLANK)	"	5	X				X	X		of the final	31	
"	"			"	TRIP BLANK	"	3	X							O&M Plan	32	
															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	12/20/07	1800
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	[illegible]	1043
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Standard Turnaround
Samples sent via Fed Ex

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

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

GCAL-06 11/98

GCAL

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

CHAIN OF CUSTODY RECORD

Lab use only			
Earth Tech	4372	207121807	1-8-08
Client Name	Client #	Workorder #	Due Date

Report to:
Client: EARTH TECH
Address: 2372 Progress DR
Hebron KY 41048
Contact: Ron Roelker
Phone: 859-442-2300
Fax: 859-442-2311

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

P.O. Number: 54280.01
Project Name/Number: Skinner Landfill - 4th Qtr. 2007
Sampled By: Roger Hutt

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's	Pesticides	PCB's	Total Metals	Dissolved Metals	CYANIDE	Remarks:	Lab ID	
W	12/20/07	1415		X	SKGW07R-1024	Various	7	X	X	X	X	X	X	Refer to Table	30	35
		1530			E.B.		5	X	X	X			X	7 (TCL) and	31	36
		1030			SKGW06R-1024		2				X	X		Table 8 (TAL)	28	33
		1030			SKGW06R-1024 DUP		2				X	X		of the final	29	34
														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 Hutt	Fed Ex	12/20/07	1800
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex		12/21/07	1043
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: Samples sent via Fed Ex
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

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

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

GCAL-06 11/98

APPENDIX D

PHOTOGRAPHS

EarthTech

A tyco International Ltd. Company

APPENDIX D

10/11/2007

LBS
60
2498
8-23-02
10/11/2007

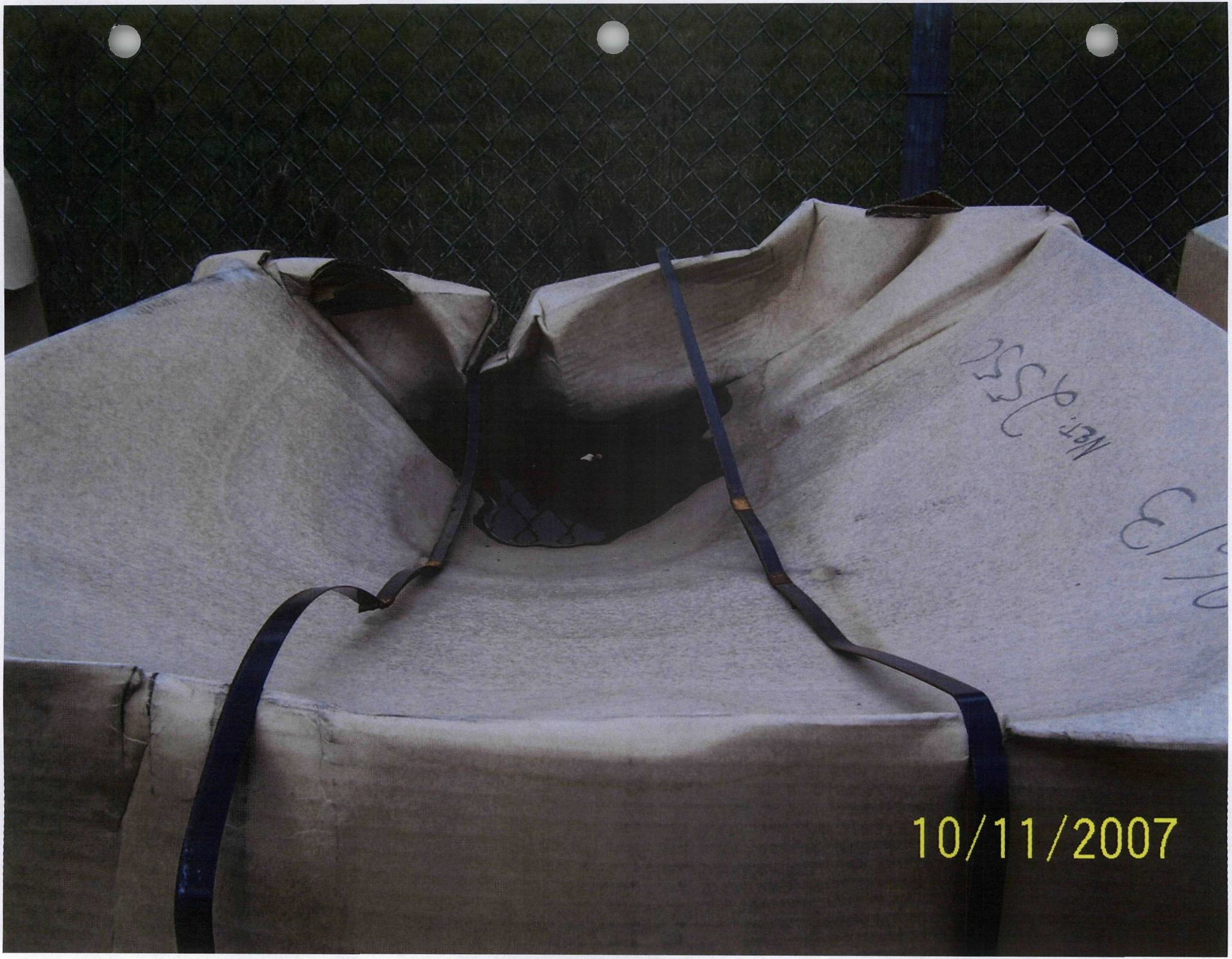
DANGER
KEEP OUT
United States
Environmental Protection Agency
Superfund Site
CAUTION
10/11/2007

10/11/2007

10/11/2007

10/11/2007

10/11/2007


10/11/2007

77
10/11/2007

DANGER
KEEP OUT
10/11/2007

10/11/2007

DANGER
KEEP OUT
HANDLING INSTRUCTIONS
SIZE: 35" x 35" x 48"
CAPACITY: 3000LBS
SAFETY RATIO: 6 : 1
10/11/2007