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SEVERN TRENT STL

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600
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December 28, 2006

STL SACRAMENTO PROJECT NUMBER: G6K270174
PO/CONTRACT:

Jennifer Pereira
Woonasquatucket River Watershed Council
27 Sims Ave
Providence, RI 02909

Dear Ms. Pereira,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on November 22, 2006. These samples are associated with your Woonasquotucket River project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4402.

Sincerely,

for
Jill Kellmann
Project Manager

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CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6K270174

General Comments

Please note that the temperature blank was received at 0 degrees C. Wet ice was used as the cooling agent.

SOLID, 8260B, VOCs

Sample(s): 1, 2, 3, 4, 5, 6
The method blank associated with this extraction batch has naphthalene detected below the reporting limit. As the value detected in the method blank is so low, no corrective action is warranted.

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) associated with this extraction batch has recoveries for 1,2-dichloroethane and bromoform above the established control limits. As your samples are non-detect for these compounds there is no adverse impact upon the data.

The matrix spike/matrix spike duplicate (MS/MSD) associated with this extraction batch has recoveries outside of the established control limits for several compounds. Acceptable laboratory control sample (LCS/LCSD) data demonstrate that the analytical system is in control. This anomaly is most likely matrix related.

Sample(s): 1, 3
Due to insufficient sample volume, default reporting limits could not be achieved. All reporting limits have been adjusted accordingly.

SOLID, 8015 MOD, TPH

Sample(s): 1, 2, 3, 4, 5, 6
The laboratory control sample (LCS) associated with this extraction batch has recovery for the surrogate o-terphenyl above the established control limits. As all measurable surrogate recoveries in your samples are acceptable there is no adverse impact upon the data.

The matrix spike/matrix spike duplicate (MS/MSD) associated with this extraction batch has recoveries for diesel outside of established control limits. Acceptable laboratory control sample (LCS) data demonstrate that the analytical system is in control. This anomaly is most likely matrix related.

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6K270174

SOLID, 8270C, SVOCs

Sample(s): 1, 2, 3, 4, 5, 6

The matrix spike/matrix spike duplicate (MS/MSD) associated with this extraction batch has recoveries outside of the established control limits for several compounds. Acceptable laboratory control sample (LCS) data demonstrate that the analytical system is in control. This anomaly is most likely matrix related.

SOLID, 1613B, Dioxins/Furans

Sample(s): 1, 2, 3, 4, 5, 6

The following samples required Confirmation (CON).

Sample	Inject date/time	File	Reason
-01	12/26/06, 09:24	26DE067D2	CON
-02	12/26/06, 10:00	26DE067D2	CON
-03	12/26/06, 10:37	26DE067D2	CON
-04	12/26/06, 11:13	26DE067D2	CON
-05	12/26/06, 11:49	26DE067D2	CON
-06	12/26/06, 12:26	26DE067D2	CON

Sample(s): 1, 4, 6

Each of these samples has isomers that have been qualified with the "JA" flag due to the ion abundance ratios being outside of criteria. The isomers have been reported as an "estimated maximum possible concentration" (EMPC) because the quantitation is based on the theoretical ion abundance ratios for these isomers.

There were no other anomalies associated with this project.

SEVERN TRENT STL

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Update 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary
G6K270174

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
JKDNR	1	ATLAN1	11/20/2006 01:50 PM	11/22/2006 08:50 AM
JKDNX	2	ATLAN2	11/20/2006 03:10 PM	11/22/2006 08:50 AM
JKDN1	3	DYER1	11/20/2006 04:10 PM	11/22/2006 08:50 AM
JKDN2	4	PARA1	11/21/2006 09:25 AM	11/22/2006 08:50 AM
JKDN3	5	PARA1D	11/21/2006 09:25 AM	11/22/2006 08:50 AM
JKDN4	6	PARA2	11/21/2006 10:45 AM	11/22/2006 08:50 AM
JKDN4	6	PARA2 DUP	11/21/2006 10:45 AM	11/22/2006 08:50 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- *Results noted as "ND" were not detected at or above the stated limit.*
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

G6K270174

[redacted]

Chain of Custody Record

SEVERN TRENT **STL®**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Woonasquatucket River Watershed Council	Project Manager: Jennifer Pereira	Date: 11/21/06	Chain of Custody Number: 293959
Address: 27 Sims Ave	Telephone Number (Area Code)/Fax Number: (401) 861-9046 Fax (401) 861-9038	Lab Number:	Page 1 of 1
City: Providence; State: RI; Zip Code: 02909	Site Contact: Jennifer Pereira/ Dave Gomez - (617) 916 8558	Lab Contact:	
Project Name and Location (State): Woonasquatucket River	Carrier/Waybill Number: Federal express 7906 1282 7749		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	4°C	1613B - dioxins	Sw846/8082 PCB	NTM 8472 Pesticides	Sw846/8260 VOC	Sw846/8270 SVOC	1311 TCLP Metals	8100/7470 Hg	8270/8310 PAH	8260/8270 SVOC	Special Instructions/ Conditions of Receipt
ATLAN 1 above Riverside/ Atlantic mill dam	11/20/06	1350			X								X	X	X	X	X	X	X	X	X	X	
ATLAN 2 below Riverside/ Atlantic mill dam	11/20/06	1510			X								X	X	X	X	X	X	X	X	X	X	
DYER 1 above Dyerville dam	11/20/06	1610			X								X	X	X	X	X	X	X	X	X	X	
PARA 1 above Paragon dam	11/21/06	0925			X								X	X	X	X	X	X	X	X	X	X	
PARA1D above Paragon dam (Field dup. of PARA1)	11/21/06	0925			X								X	X	X	X	X	X	X	X	X	X	
PARA 2 below Paragon dam	11/21/06	1045			X								X	X	X	X	X	X	X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	11/21/06	1500	1. Received By: Federal Express for transport		
2. Relinquished By			2. Received By: [signature]	11/22/06	1035
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT Woonasquatucket River PM JS LOG # 42427

LOT# (QUANTIMS ID) G6K270174 QUOTE# 73284 LOCATION W10B VC

		Initials	Date
DATE RECEIVED 11/22/06 TIME RECEIVED 0850		CW	11/22/06
DELIVERED BY	☑ FEDEX ☐ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☑ INTACT ☐ BROKEN ☐ N/A		
CUSTODY SEAL #(S)	796924		
SHIPPPING CONTAINER(S)	☑ STL ☐ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1☐ 3 ☐ ☑ OTHER 4		
COC #(S)	293959		
TEMPERATURE BLANK	Observed: 0 Corrected: 0		
SAMPLE TEMPERATURE	Observed: 2 1 2 Average: 2 Corrected Average: 2		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☐ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☑ N/A		
☑ Clouseau	☑ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☐ N/A	✓	✓
☑ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED		☑ PM NOTIFIED

Notes: Temp B. Partially frozen.

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT **STL**

Bottle Lot Inventory

Lot ID: G6K270174

VOA are Prelarred + Weight

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*	6	6	6	6	6	6														
VOAh*																				
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ	1	1	1	1	1	1														
250AGJ	1	1	1	1	1	1														
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 3/05 EM

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SOLID, 8260B, VOCs

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC/MS Volatiles

Lot-Sample #...: G6K270174-001	**Work Order #...:** JKDNR1CE	**Matrix.....:** SOLID
Date Sampled...: 11/20/06	**Date Received..:** 11/22/06	
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6339524		
Dilution Factor: 1.12	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	**23**	**21**	**ug/kg**
Xylenes (total)	ND	11	ug/kg
Acetone	**140**	**43**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	21	ug/kg
Methyl tert-butyl ether (MTBE)	ND	21	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	11	ug/kg
Trichlorofluoromethane (Freon 11)	ND	11	ug/kg
Chloromethane	ND	11	ug/kg
Vinyl chloride	ND	11	ug/kg
Bromomethane	ND	11	ug/kg
Chloroethane	ND	11	ug/kg
1,1-Dichloroethene	ND	11	ug/kg
Methylene chloride	ND	21	ug/kg
trans-1,2-Dichloroethene	ND	11	ug/kg
1,1-Dichloroethane	ND	11	ug/kg
2,2-Dichloropropane	ND	11	ug/kg
Bromochloromethane	ND	11	ug/kg
Chloroform	ND	11	ug/kg
1,1,1-Trichloroethane	ND	11	ug/kg
Carbon tetrachloride	ND	11	ug/kg
1,1-Dichloropropene	ND	11	ug/kg
Benzene	ND	11	ug/kg
1,2-Dichloroethane	ND	11	ug/kg
Trichloroethene	ND	11	ug/kg
1,2-Dichloropropane	ND	11	ug/kg
Dibromomethane	ND	11	ug/kg
Bromodichloromethane	ND	11	ug/kg
cis-1,3-Dichloropropene	ND	11	ug/kg
Toluene	**1.6 J**	**11**	**ug/kg**
trans-1,3-Dichloropropene	ND	11	ug/kg
1,1,2-Trichloroethane	ND	11	ug/kg
Tetrachloroethene	ND	11	ug/kg
1,3-Dichloropropane	ND	11	ug/kg
Dibromochloromethane	ND	11	ug/kg
1,2-Dibromoethane (EDB)	ND	21	ug/kg

(Continued on next page)

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC/MS Volatiles

Lot-Sample #...: G6K270174-001 Work Order #...: JKDNR1CE Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	11	ug/kg
1,1,1,2-Tetrachloroethane	ND	11	ug/kg
Ethylbenzene	ND	11	ug/kg
Styrene	ND	11	ug/kg
Bromoform	ND	11	ug/kg
Isopropylbenzene	ND	11	ug/kg
Bromobenzene	ND	11	ug/kg
1,1,2,2-Tetrachloroethane	ND	11	ug/kg
1,2,3-Trichloropropane	ND	11	ug/kg
n-Propylbenzene	ND	11	ug/kg
2-Chlorotoluene	ND	11	ug/kg
4-Chlorotoluene	ND	11	ug/kg
1,3,5-Trimethylbenzene	ND	11	ug/kg
tert-Butylbenzene	ND	11	ug/kg
1,2,4-Trimethylbenzene	ND	11	ug/kg
sec-Butylbenzene	ND	11	ug/kg
1,3-Dichlorobenzene	ND	11	ug/kg
p-Isopropyltoluene	ND	11	ug/kg
1,4-Dichlorobenzene	**2.5 J**	**11**	**ug/kg**
1,2-Dichlorobenzene	**3.2 J**	**11**	**ug/kg**
n-Butylbenzene	ND	11	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	21	ug/kg
1,2,4-Trichlorobenzene	ND	11	ug/kg
Hexachlorobutadiene	ND	11	ug/kg
Naphthalene	**4.6 J,B**	**11**	**ug/kg**
1,2,3-Trichlorobenzene	ND	11	ug/kg
cis-1,2-Dichloroethene	ND	11	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(67 - 142)
1,2-Dichloroethane-d4	145	(48 - 160)
Toluene-d8	85	(78 - 120)
4-Bromofluorobenzene	76	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC/MS Volatiles

Lot-Sample #...: G6K270174-002 **Work Order #...:** JKDNX1CE **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 0.84 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	**39**	**11**	**ug/kg**
Xylenes (total)	ND	5.5	ug/kg
Acetone	**240**	**22**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	11	ug/kg
Methyl tert-butyl ether (MTBE)	ND	11	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	5.5	ug/kg
Trichlorofluoromethane (Freon 11)	ND	5.5	ug/kg
Chloromethane	ND	5.5	ug/kg
Vinyl chloride	ND	5.5	ug/kg
Bromomethane	ND	5.5	ug/kg
Chloroethane	ND	5.5	ug/kg
1,1-Dichloroethene	ND	5.5	ug/kg
Methylene chloride	ND	11	ug/kg
trans-1,2-Dichloroethene	ND	5.5	ug/kg
1,1-Dichloroethane	ND	5.5	ug/kg
2,2-Dichloropropane	ND	5.5	ug/kg
Bromochloromethane	ND	5.5	ug/kg
Chloroform	ND	5.5	ug/kg
1,1,1-Trichloroethane	ND	5.5	ug/kg
Carbon tetrachloride	ND	5.5	ug/kg
1,1-Dichloropropene	ND	5.5	ug/kg
Benzene	ND	5.5	ug/kg
1,2-Dichloroethane	ND	5.5	ug/kg
Trichloroethene	ND	5.5	ug/kg
1,2-Dichloropropane	ND	5.5	ug/kg
Dibromomethane	ND	5.5	ug/kg
Bromodichloromethane	ND	5.5	ug/kg
cis-1,3-Dichloropropene	ND	5.5	ug/kg
Toluene	ND	5.5	ug/kg
trans-1,3-Dichloropropene	ND	5.5	ug/kg
1,1,2-Trichloroethane	ND	5.5	ug/kg
Tetrachloroethene	ND	5.5	ug/kg
1,3-Dichloropropane	ND	5.5	ug/kg
Dibromochloromethane	ND	5.5	ug/kg
1,2-Dibromoethane (EDB)	ND	11	ug/kg

(Continued on next page)

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC/MS Volatiles

Lot-Sample #...: G6K270174-002 Work Order #...: JKDNX1CE Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.5	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg
Ethylbenzene	ND	5.5	ug/kg
Styrene	ND	5.5	ug/kg
Bromoform	ND	5.5	ug/kg
Isopropylbenzene	ND	5.5	ug/kg
Bromobenzene	ND	5.5	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg
1,2,3-Trichloropropane	ND	5.5	ug/kg
n-Propylbenzene	ND	5.5	ug/kg
2-Chlorotoluene	ND	5.5	ug/kg
4-Chlorotoluene	ND	5.5	ug/kg
1,3,5-Trimethylbenzene	ND	5.5	ug/kg
tert-Butylbenzene	ND	5.5	ug/kg
1,2,4-Trimethylbenzene	ND	5.5	ug/kg
sec-Butylbenzene	ND	5.5	ug/kg
1,3-Dichlorobenzene	ND	5.5	ug/kg
p-Isopropyltoluene	ND	5.5	ug/kg
1,4-Dichlorobenzene	ND	5.5	ug/kg
1,2-Dichlorobenzene	ND	5.5	ug/kg
n-Butylbenzene	ND	5.5	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg
1,2,4-Trichlorobenzene	ND	5.5	ug/kg
Hexachlorobutadiene	ND	5.5	ug/kg
Naphthalene	**2.7 J,B**	**5.5**	**ug/kg**
1,2,3-Trichlorobenzene	ND	5.5	ug/kg
cis-1,2-Dichloroethene	ND	5.5	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(67 - 142)
1,2-Dichloroethane-d4	143	(48 - 160)
Toluene-d8	92	(78 - 120)
4-Bromofluorobenzene	90	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC/MS Volatiles

Lot-Sample #...: G6K270174-003 **Work Order #...:** JKDN1 1CE **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 1.1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	**50**	**24**	**ug/kg**
Xylenes (total)	ND	12	ug/kg
Acetone	**390**	**49**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	24	ug/kg
Methyl tert-butyl ether (MTBE)	ND	24	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	12	ug/kg
Trichlorofluoromethane (Freon 11)	ND	12	ug/kg
Chloromethane	ND	12	ug/kg
Vinyl chloride	ND	12	ug/kg
Bromomethane	ND	12	ug/kg
Chloroethane	ND	12	ug/kg
1,1-Dichloroethene	ND	12	ug/kg
Methylene chloride	ND	24	ug/kg
trans-1,2-Dichloroethene	ND	12	ug/kg
1,1-Dichloroethane	ND	12	ug/kg
2,2-Dichloropropane	ND	12	ug/kg
Bromochloromethane	ND	12	ug/kg
Chloroform	ND	12	ug/kg
1,1,1-Trichloroethane	ND	12	ug/kg
Carbon tetrachloride	ND	12	ug/kg
1,1-Dichloropropene	ND	12	ug/kg
Benzene	ND	12	ug/kg
1,2-Dichloroethane	ND	12	ug/kg
Trichloroethene	ND	12	ug/kg
1,2-Dichloropropane	ND	12	ug/kg
Dibromomethane	ND	12	ug/kg
Bromodichloromethane	ND	12	ug/kg
cis-1,3-Dichloropropene	ND	12	ug/kg
Toluene	ND	12	ug/kg
trans-1,3-Dichloropropene	ND	12	ug/kg
1,1,2-Trichloroethane	ND	12	ug/kg
Tetrachloroethene	ND	12	ug/kg
1,3-Dichloropropane	ND	12	ug/kg
Dibromochloromethane	ND	12	ug/kg
1,2-Dibromoethane (EDB)	ND	24	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC/MS Volatiles

Lot-Sample #...: G6K270174-003 **Work Order #...:** JKDN11CE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	12	ug/kg
1,1,1,2-Tetrachloroethane	ND	12	ug/kg
Ethylbenzene	ND	12	ug/kg
Styrene	ND	12	ug/kg
Bromoform	ND	12	ug/kg
Isopropylbenzene	ND	12	ug/kg
Bromobenzene	ND	12	ug/kg
1,1,2,2-Tetrachloroethane	ND	12	ug/kg
1,2,3-Trichloropropane	ND	12	ug/kg
n-Propylbenzene	ND	12	ug/kg
2-Chlorotoluene	ND	12	ug/kg
4-Chlorotoluene	ND	12	ug/kg
1,3,5-Trimethylbenzene	ND	12	ug/kg
tert-Butylbenzene	ND	12	ug/kg
1,2,4-Trimethylbenzene	ND	12	ug/kg
sec-Butylbenzene	ND	12	ug/kg
1,3-Dichlorobenzene	ND	12	ug/kg
p-Isopropyltoluene	ND	12	ug/kg
1,4-Dichlorobenzene	ND	12	ug/kg
1,2-Dichlorobenzene	ND	12	ug/kg
n-Butylbenzene	ND	12	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	24	ug/kg
1,2,4-Trichlorobenzene	ND	12	ug/kg
Hexachlorobutadiene	ND	12	ug/kg
Naphthalene	ND	12	ug/kg
1,2,3-Trichlorobenzene	ND	12	ug/kg
cis-1,2-Dichloroethene	ND	12	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	128	(67 - 142)
1,2-Dichloroethane-d4	155	(48 - 160)
Toluene-d8	86	(78 - 120)
4-Bromofluorobenzene	74	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC/MS Volatiles

Lot-Sample #...:	G6K270174-004	**Work Order #...:**	JKDN21CE	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/04/06		
Prep Batch #...:	6339524				
Dilution Factor:	0.86	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	**23**	**13**	**ug/kg**
Xylenes (total)	ND	6.7	ug/kg
Acetone	**130**	**27**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	13	ug/kg
Methyl tert-butyl ether (MTBE)	ND	13	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	6.7	ug/kg
Trichlorofluoromethane (Freon 11)	ND	6.7	ug/kg
Chloromethane	ND	6.7	ug/kg
Vinyl chloride	ND	6.7	ug/kg
Bromomethane	ND	6.7	ug/kg
Chloroethane	ND	6.7	ug/kg
1,1-Dichloroethene	ND	6.7	ug/kg
Methylene chloride	ND	13	ug/kg
trans-1,2-Dichloroethene	ND	6.7	ug/kg
1,1-Dichloroethane	ND	6.7	ug/kg
2,2-Dichloropropane	ND	6.7	ug/kg
Bromochloromethane	ND	6.7	ug/kg
Chloroform	ND	6.7	ug/kg
1,1,1-Trichloroethane	ND	6.7	ug/kg
Carbon tetrachloride	ND	6.7	ug/kg
1,1-Dichloropropene	ND	6.7	ug/kg
Benzene	ND	6.7	ug/kg
1,2-Dichloroethane	ND	6.7	ug/kg
Trichloroethene	ND	6.7	ug/kg
1,2-Dichloropropane	ND	6.7	ug/kg
Dibromomethane	ND	6.7	ug/kg
Bromodichloromethane	ND	6.7	ug/kg
cis-1,3-Dichloropropene	ND	6.7	ug/kg
Toluene	**2.1 J**	**6.7**	**ug/kg**
trans-1,3-Dichloropropene	ND	6.7	ug/kg
1,1,2-Trichloroethane	ND	6.7	ug/kg
Tetrachloroethene	ND	6.7	ug/kg
1,3-Dichloropropane	ND	6.7	ug/kg
Dibromochloromethane	ND	6.7	ug/kg
1,2-Dibromoethane (EDB)	ND	13	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC/MS Volatiles

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN21CE Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**3.1 J**	**6.7**	**ug/kg**
1,1,1,2-Tetrachloroethane	ND	6.7	ug/kg
Ethylbenzene	ND	6.7	ug/kg
Styrene	ND	6.7	ug/kg
Bromoform	ND	6.7	ug/kg
Isopropylbenzene	ND	6.7	ug/kg
Bromobenzene	ND	6.7	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.7	ug/kg
1,2,3-Trichloropropane	ND	6.7	ug/kg
n-Propylbenzene	ND	6.7	ug/kg
2-Chlorotoluene	ND	6.7	ug/kg
4-Chlorotoluene	ND	6.7	ug/kg
1,3,5-Trimethylbenzene	ND	6.7	ug/kg
tert-Butylbenzene	ND	6.7	ug/kg
1,2,4-Trimethylbenzene	ND	6.7	ug/kg
sec-Butylbenzene	ND	6.7	ug/kg
1,3-Dichlorobenzene	ND	6.7	ug/kg
p-Isopropyltoluene	ND	6.7	ug/kg
1,4-Dichlorobenzene	**4.3 J**	**6.7**	**ug/kg**
1,2-Dichlorobenzene	ND	6.7	ug/kg
n-Butylbenzene	ND	6.7	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg
1,2,4-Trichlorobenzene	ND	6.7	ug/kg
Hexachlorobutadiene	ND	6.7	ug/kg
Naphthalene	ND	6.7	ug/kg
1,2,3-Trichlorobenzene	ND	6.7	ug/kg
cis-1,2-Dichloroethene	ND	6.7	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	128	(67 - 142)
1,2-Dichloroethane-d4	158	(48 - 160)
Toluene-d8	94	(78 - 120)
4-Bromofluorobenzene	88	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC/MS Volatiles

Lot-Sample #...: G6K270174-005 **Work Order #...:** JKDN31CE **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 0.94 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	**48**	**16**	**ug/kg**
Xylenes (total)	**2.6 J**	**7.8**	**ug/kg**
Acetone	**230**	**31**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	16	ug/kg
Methyl tert-butyl ether (MTBE)	ND	16	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	7.8	ug/kg
Trichlorofluoromethane (Freon 11)	ND	7.8	ug/kg
Chloromethane	ND	7.8	ug/kg
Vinyl chloride	ND	7.8	ug/kg
Bromomethane	ND	7.8	ug/kg
Chloroethane	ND	7.8	ug/kg
1,1-Dichloroethene	ND	7.8	ug/kg
Methylene chloride	ND	16	ug/kg
trans-1,2-Dichloroethene	ND	7.8	ug/kg
1,1-Dichloroethane	ND	7.8	ug/kg
2,2-Dichloropropane	ND	7.8	ug/kg
Bromochloromethane	ND	7.8	ug/kg
Chloroform	ND	7.8	ug/kg
1,1,1-Trichloroethane	ND	7.8	ug/kg
Carbon tetrachloride	ND	7.8	ug/kg
1,1-Dichloropropene	ND	7.8	ug/kg
Benzene	ND	7.8	ug/kg
1,2-Dichloroethane	ND	7.8	ug/kg
Trichloroethene	ND	7.8	ug/kg
1,2-Dichloropropane	ND	7.8	ug/kg
Dibromomethane	ND	7.8	ug/kg
Bromodichloromethane	ND	7.8	ug/kg
cis-1,3-Dichloropropene	ND	7.8	ug/kg
Toluene	**2.8 J**	**7.8**	**ug/kg**
trans-1,3-Dichloropropene	ND	7.8	ug/kg
1,1,2-Trichloroethane	ND	7.8	ug/kg
Tetrachloroethene	ND	7.8	ug/kg
1,3-Dichloropropane	ND	7.8	ug/kg
Dibromochloromethane	ND	7.8	ug/kg
1,2-Dibromoethane (EDB)	ND	16	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC/MS Volatiles

Lot-Sample #...: G6K270174-005 **Work Order #...:** JKDN31CE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**7.5 J**	**7.8**	**ug/kg**
1,1,1,2-Tetrachloroethane	ND	7.8	ug/kg
Ethylbenzene	ND	7.8	ug/kg
Styrene	ND	7.8	ug/kg
Bromoform	ND	7.8	ug/kg
Isopropylbenzene	ND	7.8	ug/kg
Bromobenzene	ND	7.8	ug/kg
1,1,2,2-Tetrachloroethane	ND	7.8	ug/kg
1,2,3-Trichloropropane	ND	7.8	ug/kg
n-Propylbenzene	ND	7.8	ug/kg
2-Chlorotoluene	ND	7.8	ug/kg
4-Chlorotoluene	ND	7.8	ug/kg
1,3,5-Trimethylbenzene	ND	7.8	ug/kg
tert-Butylbenzene	ND	7.8	ug/kg
1,2,4-Trimethylbenzene	ND	7.8	ug/kg
sec-Butylbenzene	ND	7.8	ug/kg
1,3-Dichlorobenzene	ND	7.8	ug/kg
p-Isopropyltoluene	ND	7.8	ug/kg
1,4-Dichlorobenzene	**9.1**	**7.8**	**ug/kg**
1,2-Dichlorobenzene	ND	7.8	ug/kg
n-Butylbenzene	ND	7.8	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	16	ug/kg
1,2,4-Trichlorobenzene	ND	7.8	ug/kg
Hexachlorobutadiene	ND	7.8	ug/kg
Naphthalene	**8.9 B**	**7.8**	**ug/kg**
1,2,3-Trichlorobenzene	ND	7.8	ug/kg
cis-1,2-Dichloroethene	ND	7.8	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	133	(67 - 142)
1,2-Dichloroethane-d4	160	(48 - 160)
Toluene-d8	91	(78 - 120)
4-Bromofluorobenzene	81	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC/MS Volatiles

Lot-Sample #...: G6K270174-006	**Work Order #...:** JKDN41CE	**Matrix.....:** SOLID
Date Sampled...: 11/21/06	**Date Received..:** 11/22/06	
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6339524		
Dilution Factor: 0.96	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Butanone (MEK)	ND	11	ug/kg
Xylenes (total)	ND	5.7	ug/kg
Acetone	**36**	**23**	**ug/kg**
4-Methyl-2-pentanone (MIBK)	ND	11	ug/kg
Methyl tert-butyl ether (MTBE)	ND	11	ug/kg
Dichlorodifluoromethane (Freon 12)	ND	5.7	ug/kg
Trichlorofluoromethane (Freon 11)	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
Methylene chloride	ND	11	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
2,2-Dichloropropane	ND	5.7	ug/kg
Bromochloromethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
1,1-Dichloropropene	ND	5.7	ug/kg
Benzene	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
Dibromomethane	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,3-Dichloropropane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromoethane (EDB)	ND	11	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC/MS Volatiles

Lot-Sample #...: G6K270174-006 Work Order #...: JKDN41CE Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	5.7	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.7	ug/kg
Ethylbenzene	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Bromobenzene	ND	5.7	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,3-Trichloropropane	ND	5.7	ug/kg
n-Propylbenzene	ND	5.7	ug/kg
2-Chlorotoluene	ND	5.7	ug/kg
4-Chlorotoluene	ND	5.7	ug/kg
1,3,5-Trimethylbenzene	ND	5.7	ug/kg
tert-Butylbenzene	ND	5.7	ug/kg
1,2,4-Trimethylbenzene	ND	5.7	ug/kg
sec-Butylbenzene	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
p-Isopropyltoluene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
n-Butylbenzene	ND	5.7	ug/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg
1,2,4-Trichlorobenzene	ND	5.7	ug/kg
Hexachlorobutadiene	ND	5.7	ug/kg
Naphthalene	ND	5.7	ug/kg
1,2,3-Trichlorobenzene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	120	(67 - 142)
1,2-Dichloroethane-d4	149	(48 - 160)
Toluene-d8	95	(78 - 120)
4-Bromofluorobenzene	94	(60 - 124)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
002	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
003	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
004	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

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QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331509	6331293
	SOLID	SW846 7471A		6338095	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
006	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331501	6331294
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 **Work Order #...:** JKT4E1AA **Matrix.....:** SOLID
MB Lot-Sample #: G6L050000-524

Prep Date.....: 12/04/06
Analysis Date..: 12/04/06 **Prep Batch #...:** 6339524
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	10	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	ug/kg	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane (Freon 11)	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	10	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	10	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
Naphthalene	**0.82 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(67 - 142)
1,2-Dichloroethane-d4	125	(48 - 160)
Toluene-d8	97	(78 - 120)
4-Bromofluorobenzene	97	(60 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD
Prep Date.....: 12/04/06 Analysis Date..: 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	105	ug/kg	105		SW846 8260B
	100	110	ug/kg	110	4.6	SW846 8260B
2-Butanone (MEK)	100	98.5	ug/kg	98		SW846 8260B
	100	107	ug/kg	107	8.1	SW846 8260B
4-Methyl-2-pentanone (MIBK)	100	82.5	ug/kg	82		SW846 8260B
	100	90.1	ug/kg	90	8.9	SW846 8260B
Methyl tert-butyl ether (MTBE)	100	83.3	ug/kg	83		SW846 8260B
	100	92.2	ug/kg	92	10	SW846 8260B
Dichlorodifluoromethane (Freon 12)	100	83.1	ug/kg	83		SW846 8260B
	100	97.5	ug/kg	97	16	SW846 8260B
Trichlorofluoromethane (Freon 11)	100	118	ug/kg	118		SW846 8260B
	100	136	ug/kg	136	13	SW846 8260B
Chloromethane	100	76.2	ug/kg	76		SW846 8260B
	100	88.0	ug/kg	88	14	SW846 8260B
Vinyl chloride	100	79.2	ug/kg	79		SW846 8260B
	100	90.5	ug/kg	90	13	SW846 8260B
Bromomethane	100	98.5	ug/kg	98		SW846 8260B
	100	117	ug/kg	117	17	SW846 8260B
Chloroethane	100	95.8	ug/kg	96		SW846 8260B
	100	110	ug/kg	110	14	SW846 8260B
1,1-Dichloroethene	100	87.6	ug/kg	88		SW846 8260B
	100	92.5	ug/kg	93	5.4	SW846 8260B
Methylene chloride	100	89.1	ug/kg	89		SW846 8260B
	100	91.2	ug/kg	91	2.3	SW846 8260B
trans-1,2-Dichloroethene	100	91.2	ug/kg	91		SW846 8260B
	100	96.3	ug/kg	96	5.5	SW846 8260B
1,1-Dichloroethane	100	98.4	ug/kg	98		SW846 8260B
	100	103	ug/kg	103	4.2	SW846 8260B
2,2-Dichloropropane	100	114	ug/kg	114		SW846 8260B
	100	120	ug/kg	120	5.7	SW846 8260B
Bromochloromethane	100	103	ug/kg	103		SW846 8260B
	100	104	ug/kg	104	0.98	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Chloroform	100	115	ug/kg	115		SW846 8260B
	100	118	ug/kg	118	2.6	SW846 8260B
1,1,1-Trichloroethane	100	124	ug/kg	124		SW846 8260B
	100	131	ug/kg	131	5.6	SW846 8260B
Carbon tetrachloride	100	127	ug/kg	127		SW846 8260B
	100	133	ug/kg	133	5.1	SW846 8260B
1,1-Dichloropropene	100	102	ug/kg	102		SW846 8260B
	100	109	ug/kg	109	6.1	SW846 8260B
Benzene	100	89.7	ug/kg	90		SW846 8260B
	100	93.9	ug/kg	94	4.6	SW846 8260B
t-Butanol	2500	2130	ug/kg	85		SW846 8260B
	2500	2010	ug/kg	81	5.4	SW846 8260B
1,2-Dichloroethane	100	129 a	ug/kg	129		SW846 8260B
	100	133 a	ug/kg	133	3.2	SW846 8260B
Trichloroethene	100	102	ug/kg	102		SW846 8260B
	100	108	ug/kg	108	5.6	SW846 8260B
1,2-Dichloropropane	100	91.0	ug/kg	91		SW846 8260B
	100	93.9	ug/kg	94	3.1	SW846 8260B
Dibromomethane	100	105	ug/kg	105		SW846 8260B
	100	108	ug/kg	108	3.6	SW846 8260B
Bromodichloromethane	100	119	ug/kg	119		SW846 8260B
	100	122	ug/kg	122	2.8	SW846 8260B
cis-1,3-Dichloropropene	100	101	ug/kg	101		SW846 8260B
	100	104	ug/kg	104	2.6	SW846 8260B
Toluene	100	95.5	ug/kg	96		SW846 8260B
	100	99.4	ug/kg	99	4.0	SW846 8260B
trans-1,3-Dichloropropene	100	112	ug/kg	112		SW846 8260B
	100	116	ug/kg	116	3.5	SW846 8260B
Carbon disulfide	100	65.1	ug/kg	65		SW846 8260B
	100	72.9	ug/kg	73	11	SW846 8260B
1,1,2-Trichloroethane	100	99.3	ug/kg	99		SW846 8260B
	100	102	ug/kg	102	2.7	SW846 8260B
Tetrachloroethene	100	110	ug/kg	110		SW846 8260B
	100	115	ug/kg	115	4.7	SW846 8260B
1,3-Dichloropropane	100	104	ug/kg	104		SW846 8260B
	100	107	ug/kg	107	3.3	SW846 8260B
Dibromochloromethane	100	120	ug/kg	120		SW846 8260B
	100	125	ug/kg	125	3.8	SW846 8260B
1,2-Dibromoethane (EDB)	100	106	ug/kg	106		SW846 8260B
	100	109	ug/kg	109	2.8	SW846 8260B
Chlorobenzene	100	102	ug/kg	102		SW846 8260B
	100	108	ug/kg	108	5.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,1,2-Tetrachloroethane	100	117	ug/kg	117		SW846 8260B
	100	122	ug/kg	122	4.5	SW846 8260B
Ethylbenzene	100	101	ug/kg	101		SW846 8260B
	100	106	ug/kg	106	4.2	SW846 8260B
Styrene	100	101	ug/kg	101		SW846 8260B
	100	106	ug/kg	106	4.8	SW846 8260B
Bromoform	100	125	ug/kg	125		SW846 8260B
	100	128 a	ug/kg	128	2.4	SW846 8260B
Isopropylbenzene	100	107	ug/kg	107		SW846 8260B
	100	113	ug/kg	113	5.0	SW846 8260B
Bromobenzene	100	107	ug/kg	107		SW846 8260B
	100	114	ug/kg	114	5.7	SW846 8260B
1,1,2,2-Tetrachloroethane	100	98.1	ug/kg	98		SW846 8260B
	100	100	ug/kg	100	2.1	SW846 8260B
1,2,3-Trichloropropane	100	107	ug/kg	107		SW846 8260B
	100	113	ug/kg	113	6.1	SW846 8260B
n-Propylbenzene	100	103	ug/kg	103		SW846 8260B
	100	109	ug/kg	109	5.0	SW846 8260B
2-Chlorotoluene	100	106	ug/kg	106		SW846 8260B
	100	112	ug/kg	112	5.1	SW846 8260B
4-Chlorotoluene	100	110	ug/kg	110		SW846 8260B
	100	115	ug/kg	115	4.4	SW846 8260B
1,3,5-Trimethylbenzene	100	111	ug/kg	111		SW846 8260B
	100	116	ug/kg	116	4.2	SW846 8260B
tert-Butylbenzene	100	112	ug/kg	112		SW846 8260B
	100	118	ug/kg	118	5.3	SW846 8260B
1,2,4-Trimethylbenzene	100	108	ug/kg	108		SW846 8260B
	100	114	ug/kg	114	5.7	SW846 8260B
sec-Butylbenzene	100	106	ug/kg	106		SW846 8260B
	100	111	ug/kg	111	5.0	SW846 8260B
1,3-Dichlorobenzene	100	105	ug/kg	105		SW846 8260B
	100	109	ug/kg	109	4.1	SW846 8260B
p-Isopropyltoluene	100	109	ug/kg	109		SW846 8260B
	100	115	ug/kg	115	5.0	SW846 8260B
1,4-Dichlorobenzene	100	104	ug/kg	104		SW846 8260B
	100	110	ug/kg	110	5.2	SW846 8260B
1,2-Dichlorobenzene	100	105	ug/kg	105		SW846 8260B
	100	109	ug/kg	109	3.7	SW846 8260B
n-Butylbenzene	100	107	ug/kg	107		SW846 8260B
	100	113	ug/kg	113	5.4	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	100	124	ug/kg	124		SW846 8260B
	100	132	ug/kg	132	6.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	100	113	ug/kg	113		SW846 8260B
	100	117	ug/kg	117	3.7	SW846 8260B
Naphthalene	100	109	ug/kg	109		SW846 8260B
	100	112	ug/kg	112	2.7	SW846 8260B
1,2,3-Trichlorobenzene	100	113	ug/kg	113		SW846 8260B
	100	116	ug/kg	116	2.8	SW846 8260B
cis-1,2-Dichloroethene	100	94.6	ug/kg	95		SW846 8260B
	100	98.8	ug/kg	99	4.3	SW846 8260B
1,1,2-Trichloro-1,2,2-tri fluoroethane (Freon 113)	100	83.5	ug/kg	84		SW846 8260B
	100	95.1	ug/kg	95	13	SW846 8260B
Vinyl acetate	100	64.1	ug/kg	64		SW846 8260B
	100	68.5	ug/kg	68	6.6	SW846 8260B
m-Xylene & p-Xylene	200	202	ug/kg	101		SW846 8260B
	200	215	ug/kg	108	6.3	SW846 8260B
o-Xylene	100	100	ug/kg	100		SW846 8260B
	100	107	ug/kg	107	6.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(67 - 142)
	118	(67 - 142)
1,2-Dichloroethane-d4	129	(48 - 160)
	135	(48 - 160)
Toluene-d8	100	(78 - 120)
	106	(78 - 120)
4-Bromofluorobenzene	101	(60 - 124)
	108	(60 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD
Prep Date.....: 12/04/06 Analysis Date..: 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	105	(42 - 133)			SW846 8260B
	110	(42 - 133)	4.6	(0-36)	SW846 8260B
2-Butanone (MEK)	98	(50 - 150)			SW846 8260B
	107	(50 - 150)	8.1	(0-44)	SW846 8260B
4-Methyl-2-pentanone (MIBK)	82	(58 - 157)			SW846 8260B
	90	(58 - 157)	8.9	(0-48)	SW846 8260B
Methyl tert-butyl ether (MTBE)	83	(57 - 146)			SW846 8260B
	92	(57 - 146)	10	(0-45)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	83	(31 - 139)			SW846 8260B
	97	(31 - 139)	16	(0-46)	SW846 8260B
Trichlorofluoromethane (Freon 11)	118	(79 - 138)			SW846 8260B
	136	(79 - 138)	13	(0-32)	SW846 8260B
Chloromethane	76	(54 - 120)			SW846 8260B
	88	(54 - 120)	14	(0-36)	SW846 8260B
Vinyl chloride	79	(62 - 127)			SW846 8260B
	90	(62 - 127)	13	(0-37)	SW846 8260B
Bromomethane	98	(65 - 142)			SW846 8260B
	117	(65 - 142)	17	(0-38)	SW846 8260B
Chloroethane	96	(76 - 127)			SW846 8260B
	110	(76 - 127)	14	(0-34)	SW846 8260B
1,1-Dichloroethene	88	(76 - 124)			SW846 8260B
	93	(76 - 124)	5.4	(0-42)	SW846 8260B
Methylene chloride	89	(76 - 120)			SW846 8260B
	91	(76 - 120)	2.3	(0-25)	SW846 8260B
trans-1,2-Dichloroethene	91	(79 - 122)			SW846 8260B
	96	(79 - 122)	5.5	(0-37)	SW846 8260B
1,1-Dichloroethane	98	(79 - 120)			SW846 8260B
	103	(79 - 120)	4.2	(0-24)	SW846 8260B
2,2-Dichloropropane	114	(64 - 150)			SW846 8260B
	120	(64 - 150)	5.7	(0-47)	SW846 8260B
Bromochloromethane	103	(74 - 125)			SW846 8260B
	104	(74 - 125)	0.98	(0-36)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroform	115	(80 - 122)			SW846 8260B
	118	(80 - 122)	2.6	(0-23)	SW846 8260B
1,1,1-Trichloroethane	124	(79 - 132)			SW846 8260B
	131	(79 - 132)	5.6	(0-43)	SW846 8260B
Carbon tetrachloride	127	(78 - 144)			SW846 8260B
	133	(78 - 144)	5.1	(0-43)	SW846 8260B
1,1-Dichloropropene	102	(79 - 130)			SW846 8260B
	109	(79 - 130)	6.1	(0-38)	SW846 8260B
Benzene	90	(77 - 124)			SW846 8260B
	94	(77 - 124)	4.6	(0-37)	SW846 8260B
t-Butanol	85	(35 - 171)			SW846 8260B
	81	(35 - 171)	5.4	(0-68)	SW846 8260B
1,2-Dichloroethane	129 a	(72 - 128)			SW846 8260B
	133 a	(72 - 128)	3.2	(0-36)	SW846 8260B
Trichloroethene	102	(80 - 123)			SW846 8260B
	108	(80 - 123)	5.6	(0-40)	SW846 8260B
1,2-Dichloropropane	91	(78 - 122)			SW846 8260B
	94	(78 - 122)	3.1	(0-38)	SW846 8260B
Dibromomethane	105	(74 - 127)			SW846 8260B
	108	(74 - 127)	3.6	(0-37)	SW846 8260B
Bromodichloromethane	119	(79 - 133)			SW846 8260B
	122	(79 - 133)	2.8	(0-37)	SW846 8260B
cis-1,3-Dichloropropene	101	(80 - 129)			SW846 8260B
	104	(80 - 129)	2.6	(0-39)	SW846 8260B
Toluene	96	(80 - 124)			SW846 8260B
	99	(80 - 124)	4.0	(0-39)	SW846 8260B
trans-1,3-Dichloropropene	112	(77 - 135)			SW846 8260B
	116	(77 - 135)	3.5	(0-42)	SW846 8260B
Carbon disulfide	65	(31 - 179)			SW846 8260B
	73	(31 - 179)	11	(0-46)	SW846 8260B
1,1,2-Trichloroethane	99	(73 - 130)			SW846 8260B
	102	(73 - 130)	2.7	(0-41)	SW846 8260B
Tetrachloroethene	110	(80 - 127)			SW846 8260B
	115	(80 - 127)	4.7	(0-39)	SW846 8260B
1,3-Dichloropropane	104	(78 - 123)			SW846 8260B
	107	(78 - 123)	3.3	(0-39)	SW846 8260B
Dibromochloromethane	120	(80 - 131)			SW846 8260B
	125	(80 - 131)	3.8	(0-24)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(76 - 126)			SW846 8260B
	109	(76 - 126)	2.8	(0-39)	SW846 8260B
Chlorobenzene	102	(80 - 120)			SW846 8260B
	108	(80 - 120)	5.4	(0-38)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,1,2-Tetrachloroethane	117	(80 - 123)			SW846 8260B
	122	(80 - 123)	4.5	(0-25)	SW846 8260B
Ethylbenzene	101	(80 - 122)			SW846 8260B
	106	(80 - 122)	4.2	(0-41)	SW846 8260B
Styrene	101	(80 - 125)			SW846 8260B
	106	(80 - 125)	4.8	(0-40)	SW846 8260B
Bromoform	125	(68 - 125)			SW846 8260B
	128 a	(68 - 125)	2.4	(0-45)	SW846 8260B
Isopropylbenzene	107	(80 - 121)			SW846 8260B
	113	(80 - 121)	5.0	(0-41)	SW846 8260B
Bromobenzene	107	(77 - 126)			SW846 8260B
	114	(77 - 126)	5.7	(0-40)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(76 - 130)			SW846 8260B
	100	(76 - 130)	2.1	(0-31)	SW846 8260B
1,2,3-Trichloropropane	107	(68 - 127)			SW846 8260B
	113	(68 - 127)	6.1	(0-41)	SW846 8260B
n-Propylbenzene	103	(80 - 130)			SW846 8260B
	109	(80 - 130)	5.0	(0-42)	SW846 8260B
2-Chlorotoluene	106	(79 - 126)			SW846 8260B
	112	(79 - 126)	5.1	(0-41)	SW846 8260B
4-Chlorotoluene	110	(78 - 127)			SW846 8260B
	115	(78 - 127)	4.4	(0-40)	SW846 8260B
1,3,5-Trimethylbenzene	111	(80 - 127)			SW846 8260B
	116	(80 - 127)	4.2	(0-42)	SW846 8260B
tert-Butylbenzene	112	(80 - 130)			SW846 8260B
	118	(80 - 130)	5.3	(0-42)	SW846 8260B
1,2,4-Trimethylbenzene	108	(80 - 124)			SW846 8260B
	114	(80 - 124)	5.7	(0-41)	SW846 8260B
sec-Butylbenzene	106	(80 - 130)			SW846 8260B
	111	(80 - 130)	5.0	(0-40)	SW846 8260B
1,3-Dichlorobenzene	105	(80 - 120)			SW846 8260B
	109	(80 - 120)	4.1	(0-41)	SW846 8260B
p-Isopropyltoluene	109	(80 - 130)			SW846 8260B
	115	(80 - 130)	5.0	(0-40)	SW846 8260B
1,4-Dichlorobenzene	104	(79 - 120)			SW846 8260B
	110	(79 - 120)	5.2	(0-38)	SW846 8260B
1,2-Dichlorobenzene	105	(80 - 121)			SW846 8260B
	109	(80 - 121)	3.7	(0-28)	SW846 8260B
n-Butylbenzene	107	(78 - 138)			SW846 8260B
	113	(78 - 138)	5.4	(0-37)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	124	(36 - 148)			SW846 8260B
	132	(36 - 148)	6.6	(0-48)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKT4E1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6L050000-524 JKT4E1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	113	(80 - 125)			SW846 8260B
	117	(80 - 125)	3.7	(0-39)	SW846 8260B
Naphthalene	109	(76 - 137)			SW846 8260B
	112	(76 - 137)	2.7	(0-46)	SW846 8260B
1,2,3-Trichlorobenzene	113	(80 - 130)			SW846 8260B
	116	(80 - 130)	2.8	(0-42)	SW846 8260B
cis-1,2-Dichloroethene	95	(78 - 124)			SW846 8260B
	99	(78 - 124)	4.3	(0-37)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri fluoroethane (Freon 113)	84	(63 - 146)			SW846 8260B
	95	(63 - 146)	13	(0-22)	SW846 8260B
Vinyl acetate	64	(29 - 179)			SW846 8260B
	68	(29 - 179)	6.6	(0-50)	SW846 8260B
m-Xylene & p-Xylene	101	(80 - 123)			SW846 8260B
	108	(80 - 123)	6.3	(0-40)	SW846 8260B
o-Xylene	100	(80 - 120)			SW846 8260B
	107	(80 - 120)	6.2	(0-40)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(67 - 142)
	118	(67 - 142)
1,2-Dichloroethane-d4	129	(48 - 160)
	135	(48 - 160)
Toluene-d8	100	(78 - 120)
	106	(78 - 120)
4-Bromofluorobenzene	101	(60 - 124)
	108	(60 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Prep Date.....: 12/04/06 Analysis Date..: 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 1.01

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	140	192	347	ug/kg	107		SW846 8260B
	140	189	478	ug/kg	178 a	32	SW846 8260B
2-Butanone (MEK)	23	192	283	ug/kg	135		SW846 8260B
	23	189	298	ug/kg	145	5.3	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	192	246	ug/kg	128		SW846 8260B
	ND	189	250	ug/kg	132	1.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	192	234	ug/kg	122		SW846 8260B
	ND	189	245	ug/kg	129	4.5	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	192	217	ug/kg	113		SW846 8260B
	ND	189	254	ug/kg	134	16	SW846 8260B
Trichlorofluoromethane (Freon 11)	ND	192	236	ug/kg	123		SW846 8260B
	ND	189	270	ug/kg	143 a	13	SW846 8260B
Chloromethane	ND	192	165	ug/kg	86		SW846 8260B
	ND	189	191	ug/kg	101	14	SW846 8260B
Vinyl chloride	ND	192	169	ug/kg	88		SW846 8260B
	ND	189	190	ug/kg	100	11	SW846 8260B
Bromomethane	ND	192	193	ug/kg	101		SW846 8260B
	ND	189	229	ug/kg	121	17	SW846 8260B
Acrylonitrile	ND	1920	2010	ug/kg	105		SW846 8260B
	ND	1890	2170	ug/kg	115	7.6	SW846 8260B
Chloroethane	ND	192	190	ug/kg	99		SW846 8260B
	ND	189	220	ug/kg	116	15	SW846 8260B
1,1-Dichloroethene	ND	192	201	ug/kg	104		SW846 8260B
	ND	189	206	ug/kg	109	2.9	SW846 8260B
Methylene chloride	ND	192	185	ug/kg	96		SW846 8260B
	ND	189	195	ug/kg	103	5.2	SW846 8260B
trans-1,2-Dichloroethene	ND	192	191	ug/kg	99		SW846 8260B
	ND	189	195	ug/kg	103	1.9	SW846 8260B
1,1-Dichloroethane	ND	192	205	ug/kg	106		SW846 8260B
	ND	189	214	ug/kg	113	4.1	SW846 8260B
2,2-Dichloropropane	ND	192	233	ug/kg	121		SW846 8260B
	ND	189	247	ug/kg	130	5.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Bromochloromethane	ND	192	211	ug/kg	110		SW846 8260B
	ND	189	214	ug/kg	113	1.2	SW846 8260B
Chloroform	ND	192	231	ug/kg	120		SW846 8260B
	ND	189	238	ug/kg	126 a	3.0	SW846 8260B
1,1,1-Trichloroethane	ND	192	250	ug/kg	130		SW846 8260B
	ND	189	259	ug/kg	137 a	3.2	SW846 8260B
Carbon tetrachloride	ND	192	246	ug/kg	128		SW846 8260B
	ND	189	244	ug/kg	129	0.71	SW846 8260B
1,1-Dichloropropene	ND	192	190	ug/kg	99		SW846 8260B
	ND	189	189	ug/kg	100	0.57	SW846 8260B
Benzene	ND	192	181	ug/kg	94		SW846 8260B
	ND	189	185	ug/kg	98	2.4	SW846 8260B
t-Butanol	ND	4810	6460	ug/kg	134		SW846 8260B
	ND	4730	6610	ug/kg	140	2.3	SW846 8260B
1,2-Dichloroethane	ND	192	268	ug/kg	139 a		SW846 8260B
	ND	189	275	ug/kg	145 a	2.4	SW846 8260B
Trichloroethene	ND	192	194	ug/kg	101		SW846 8260B
	ND	189	190	ug/kg	101	2.1	SW846 8260B
1,2-Dichloropropane	ND	192	181	ug/kg	94		SW846 8260B
	ND	189	183	ug/kg	96	1.0	SW846 8260B
Dibromomethane	ND	192	212	ug/kg	110		SW846 8260B
	ND	189	212	ug/kg	112	0.09	SW846 8260B
Bromodichloromethane	ND	192	232	ug/kg	120		SW846 8260B
	ND	189	232	ug/kg	122	0.02	SW846 8260B
cis-1,3-Dichloropropene	ND	192	194	ug/kg	101		SW846 8260B
	ND	189	191	ug/kg	101	1.8	SW846 8260B
Toluene	1.6	192	177	ug/kg	91		SW846 8260B
	1.6	189	172	ug/kg	90	2.5	SW846 8260B
trans-1,3-Dichloropropene	ND	192	213	ug/kg	111		SW846 8260B
	ND	189	202	ug/kg	107	5.3	SW846 8260B
Carbon disulfide	ND	192	169	ug/kg	88		SW846 8260B
	ND	189	155	ug/kg	82	8.3	SW846 8260B
1,1,2-Trichloroethane	ND	192	197	ug/kg	102		SW846 8260B
	ND	189	193	ug/kg	102	2.2	SW846 8260B
Tetrachloroethene	ND	192	181	ug/kg	94		SW846 8260B
	ND	189	182	ug/kg	96	0.59	SW846 8260B
1,3-Dichloropropane	ND	192	224	ug/kg	116		SW846 8260B
	ND	189	244	ug/kg	129 a	8.7	SW846 8260B
Dibromochloromethane	ND	192	252	ug/kg	131		SW846 8260B
	ND	189	265	ug/kg	140 a	5.1	SW846 8260B
1,2-Dibromoethane (EDB)	ND	192	228	ug/kg	119		SW846 8260B
	ND	189	243	ug/kg	128 a	6.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Chlorobenzene	ND	192	190	ug/kg	99		SW846 8260B
	ND	189	187	ug/kg	99	1.3	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	192	222	ug/kg	115		SW846 8260B
	ND	189	231	ug/kg	122	4.3	SW846 8260B
Ethylbenzene	ND	192	172	ug/kg	90		SW846 8260B
	ND	189	173	ug/kg	91	0.46	SW846 8260B
1-Chlorohexane	ND	192	121	ug/kg	63 a		SW846 8260B
	ND	189	115	ug/kg	61 a	5.2	SW846 8260B
Styrene	ND	192	171	ug/kg	89		SW846 8260B
	ND	189	158	ug/kg	83	7.8	SW846 8260B
Bromoform	ND	192	236	ug/kg	122		SW846 8260B
	ND	189	230	ug/kg	121	2.6	SW846 8260B
Isopropylbenzene	ND	192	132	ug/kg	69 a		SW846 8260B
	ND	189	132	ug/kg	70 a	0.04	SW846 8260B
Bromobenzene	ND	192	269	ug/kg	140 a		SW846 8260B
	ND	189	296	ug/kg	156 a	9.4	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	192	302	ug/kg	157 a		SW846 8260B
	ND	189	341	ug/kg	180 a	12	SW846 8260B
1,2,3-Trichloropropane	ND	192	339	ug/kg	176 a		SW846 8260B
	ND	189	405	ug/kg	214 a	18	SW846 8260B
n-Propylbenzene	ND	192	178	ug/kg	93		SW846 8260B
	ND	189	212	ug/kg	112	17	SW846 8260B
2-Chlorotoluene	ND	192	229	ug/kg	119		SW846 8260B
	ND	189	253	ug/kg	133 a	9.7	SW846 8260B
4-Chlorotoluene	ND	192	225	ug/kg	117		SW846 8260B
	ND	189	247	ug/kg	130 a	9.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	192	181	ug/kg	94		SW846 8260B
	ND	189	213	ug/kg	112	16	SW846 8260B
tert-Butylbenzene	ND	192	149	ug/kg	78 a		SW846 8260B
	ND	189	183	ug/kg	97	20	SW846 8260B
1,2,4-Trimethylbenzene	ND	192	183	ug/kg	95		SW846 8260B
	ND	189	209	ug/kg	110	13	SW846 8260B
sec-Butylbenzene	ND	192	106	ug/kg	55 a		SW846 8260B
	ND	189	135	ug/kg	71 a	24	SW846 8260B
1,3-Dichlorobenzene	ND	192	182	ug/kg	95		SW846 8260B
	ND	189	188	ug/kg	99	2.9	SW846 8260B
p-Isopropyltoluene	ND	192	116	ug/kg	60 a		SW846 8260B
	ND	189	144	ug/kg	76 a	22	SW846 8260B
1,4-Dichlorobenzene	2.5	192	187	ug/kg	96		SW846 8260B
	2.5	189	190	ug/kg	99	1.6	SW846 8260B
1,2-Dichlorobenzene	3.2	192	186	ug/kg	95		SW846 8260B
	3.2	189	188	ug/kg	97	1.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
n-Butylbenzene	ND	192	87.0	ug/kg	45 a		SW846 8260B
	ND	189	114	ug/kg	60 a	27	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	192	304	ug/kg	158 a		SW846 8260B
	ND	189	332	ug/kg	175 a	8.8	SW846 8260B
1,2,4-Trichlorobenzene	ND	192	77.3	ug/kg	40 a		SW846 8260B
	ND	189	74.1	ug/kg	39 a	4.3	SW846 8260B
Hexachlorobutadiene	ND	192	39.5	ug/kg	21 a		SW846 8260B
	ND	189	61.9	ug/kg	33 a,p	44	SW846 8260B
Naphthalene	4.6	192	108	ug/kg	54 a		SW846 8260B
	4.6	189	94.8	ug/kg	48 a	13	SW846 8260B
1,2,3-Trichlorobenzene	ND	192	67.6	ug/kg	35 a		SW846 8260B
	ND	189	64.1	ug/kg	34 a	5.3	SW846 8260B
cis-1,2-Dichloroethene	ND	192	191	ug/kg	99		SW846 8260B
	ND	189	197	ug/kg	104	3.2	SW846 8260B
1,4-Dioxane	ND	4810	5350	ug/kg	111		SW846 8260B
	ND	4730	4710	ug/kg	100	13	SW846 8260B
2-Hexanone	ND	192	271	ug/kg	141 a		SW846 8260B
	ND	189	295	ug/kg	156 a	8.5	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	192	199	ug/kg	104		SW846 8260B
	ND	189	188	ug/kg	99	5.7	SW846 8260B
Vinyl acetate	ND	192	278	ug/kg	145		SW846 8260B
	ND	189	277	ug/kg	146	0.59	SW846 8260B
m-Xylene & p-Xylene	ND	385	336	ug/kg	87		SW846 8260B
	ND	379	334	ug/kg	88	0.73	SW846 8260B
o-Xylene	ND	192	168	ug/kg	87		SW846 8260B
	ND	189	167	ug/kg	88	0.80	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(67 - 142)
	122	(67 - 142)
1,2-Dichloroethane-d4	140	(48 - 160)
	144	(48 - 160)
Toluene-d8	98	(78 - 120)
	95	(78 - 120)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNR1D5-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	87	(60 - 124)
	78	(60 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight

p Relative percent difference (RPD) is outside stated control limits

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Prep Date.....: 12/04/06 Analysis Date..: 12/04/06
Prep Batch #...: 6339524
Dilution Factor: 1.01

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	107	(42 - 133)			SW846 8260B
	178 a	(42 - 133)	32	(0-36)	SW846 8260B
2-Butanone (MEK)	135	(50 - 150)			SW846 8260B
	145	(50 - 150)	5.3	(0-44)	SW846 8260B
4 Methyl-2-pentanone (MIBK)	128	(58 - 157)			SW846 8260B
	132	(58 - 157)	1.5	(0-48)	SW846 8260B
Methyl tert-butyl ether (MTBE)	122	(57 - 146)			SW846 8260B
	129	(57 - 146)	4.5	(0-45)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	113	(31 - 139)			SW846 8260B
	134	(31 - 139)	16	(0-46)	SW846 8260B
Trichlorofluoromethane (Freon 11)	123	(79 - 138)			SW846 8260B
	143 a	(79 - 138)	13	(0-32)	SW846 8260B
Chloromethane	86	(54 - 120)			SW846 8260B
	101	(54 - 120)	14	(0-36)	SW846 8260B
Vinyl chloride	88	(62 - 127)			SW846 8260B
	100	(62 - 127)	11	(0-37)	SW846 8260B
Bromomethane	101	(65 - 142)			SW846 8260B
	121	(65 - 142)	17	(0-38)	SW846 8260B
Acrylonitrile	105	(57 - 140)			SW846 8260B
	115	(57 - 140)	7.6	(0-41)	SW846 8260B
Chloroethane	99	(76 - 127)			SW846 8260B
	116	(76 - 127)	15	(0-34)	SW846 8260B
1,1-Dichloroethene	104	(76 - 124)			SW846 8260B
	109	(76 - 124)	2.9	(0-42)	SW846 8260B
Methylene chloride	96	(76 - 120)			SW846 8260B
	103	(76 - 120)	5.2	(0-25)	SW846 8260B
trans-1,2-Dichloroethene	99	(79 - 122)			SW846 8260B
	103	(79 - 122)	1.9	(0-37)	SW846 8260B
1,1-Dichloroethane	106	(79 - 120)			SW846 8260B
	113	(79 - 120)	4.1	(0-24)	SW846 8260B
2,2-Dichloropropane	121	(64 - 150)			SW846 8260B
	130	(64 - 150)	5.6	(0-47)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromochloromethane	110	(74 - 125)			SW846 8260B
	113	(74 - 125)	1.2	(0-36)	SW846 8260B
Chloroform	120	(80 - 122)			SW846 8260B
	126 a	(80 - 122)	3.0	(0-23)	SW846 8260B
1,1,1-Trichloroethane	130	(79 - 132)			SW846 8260B
	137 a	(79 - 132)	3.2	(0-43)	SW846 8260B
Carbon tetrachloride	128	(78 - 144)			SW846 8260B
	129	(78 - 144)	0.71	(0-43)	SW846 8260B
1,1-Dichloropropene	99	(79 - 130)			SW846 8260B
	100	(79 - 130)	0.57	(0-38)	SW846 8260B
Benzene	94	(77 - 124)			SW846 8260B
	98	(77 - 124)	2.4	(0-37)	SW846 8260B
t-Butanol	134	(35 - 171)			SW846 8260B
	140	(35 - 171)	2.3	(0-68)	SW846 8260B
1,2-Dichloroethane	139 a	(72 - 128)			SW846 8260B
	145 a	(72 - 128)	2.4	(0-36)	SW846 8260B
Trichloroethene	101	(80 - 123)			SW846 8260B
	101	(80 - 123)	2.1	(0-40)	SW846 8260B
1,2-Dichloropropane	94	(78 - 122)			SW846 8260B
	96	(78 - 122)	1.0	(0-38)	SW846 8260B
Dibromomethane	110	(74 - 127)			SW846 8260B
	112	(74 - 127)	0.09	(0-37)	SW846 8260B
Bromodichloromethane	120	(79 - 133)			SW846 8260B
	122	(79 - 133)	0.02	(0-37)	SW846 8260B
cis-1,3-Dichloropropene	101	(80 - 129)			SW846 8260B
	101	(80 - 129)	1.8	(0-39)	SW846 8260B
Toluene	91	(80 - 124)			SW846 8260B
	90	(80 - 124)	2.5	(0-39)	SW846 8260B
trans-1,3-Dichloropropene	111	(77 - 135)			SW846 8260B
	107	(77 - 135)	5.3	(0-42)	SW846 8260B
Carbon disulfide	88	(31 - 179)			SW846 8260B
	82	(31 - 179)	8.3	(0-46)	SW846 8260B
1,1,2-Trichloroethane	102	(73 - 130)			SW846 8260B
	102	(73 - 130)	2.2	(0-41)	SW846 8260B
Tetrachloroethene	94	(80 - 127)			SW846 8260B
	96	(80 - 127)	0.59	(0-39)	SW846 8260B
1,3-Dichloropropane	116	(78 - 123)			SW846 8260B
	129 a	(78 - 123)	8.7	(0-39)	SW846 8260B
Dibromochloromethane	131	(80 - 131)			SW846 8260B
	140 a	(80 - 131)	5.1	(0-24)	SW846 8260B
1,2-Dibromoethane (EDB)	119	(76 - 126)			SW846 8260B
	128 a	(76 - 126)	6.2	(0-39)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chlorobenzene	99	(80 - 120)			SW846 8260B
	99	(80 - 120)	1.3	(0-38)	SW846 8260B
1,1,1,2-Tetrachloroethane	115	(80 - 123)			SW846 8260B
	122	(80 - 123)	4.3	(0-25)	SW846 8260B
Ethylbenzene	90	(80 - 122)			SW846 8260B
	91	(80 - 122)	0.46	(0-41)	SW846 8260B
1-Chlorohexane	63 a	(80 - 136)			SW846 8260B
	61 a	(80 - 136)	5.2	(0-49)	SW846 8260B
Styrene	89	(80 - 125)			SW846 8260B
	83	(80 - 125)	7.8	(0-40)	SW846 8260B
Bromoform	122	(68 - 125)			SW846 8260B
	121	(68 - 125)	2.6	(0-45)	SW846 8260B
Isopropylbenzene	69 a	(80 - 121)			SW846 8260B
	70 a	(80 - 121)	0.04	(0-41)	SW846 8260B
Bromobenzene	140 a	(77 - 126)			SW846 8260B
	156 a	(77 - 126)	9.4	(0-40)	SW846 8260B
1,1,2,2-Tetrachloroethane	157 a	(76 - 130)			SW846 8260B
	180 a	(76 - 130)	12	(0-31)	SW846 8260B
1,2,3-Trichloropropane	176 a	(68 - 127)			SW846 8260B
	214 a	(68 - 127)	18	(0-41)	SW846 8260B
n-Propylbenzene	93	(80 - 130)			SW846 8260B
	112	(80 - 130)	17	(0-42)	SW846 8260B
2-Chlorotoluene	119	(79 - 126)			SW846 8260B
	133 a	(79 - 126)	9.7	(0-41)	SW846 8260B
4-Chlorotoluene	117	(78 - 127)			SW846 8260B
	130 a	(78 - 127)	9.1	(0-40)	SW846 8260B
1,3,5-Trimethylbenzene	94	(80 - 127)			SW846 8260B
	112	(80 - 127)	16	(0-42)	SW846 8260B
tert-Butylbenzene	78 a	(80 - 130)			SW846 8260B
	97	(80 - 130)	20	(0-42)	SW846 8260B
1,2,4-Trimethylbenzene	95	(80 - 124)			SW846 8260B
	110	(80 - 124)	13	(0-41)	SW846 8260B
sec-Butylbenzene	55 a	(80 - 130)			SW846 8260B
	71 a	(80 - 130)	24	(0-40)	SW846 8260B
1,3-Dichlorobenzene	95	(80 - 120)			SW846 8260B
	99	(80 - 120)	2.9	(0-41)	SW846 8260B
p-Isopropyltoluene	60 a	(80 - 130)			SW846 8260B
	76 a	(80 - 130)	22	(0-40)	SW846 8260B
1,4-Dichlorobenzene	96	(79 - 120)			SW846 8260B
	99	(79 - 120)	1.6	(0-38)	SW846 8260B
1,2-Dichlorobenzene	95	(80 - 121)			SW846 8260B
	97	(80 - 121)	1.1	(0-28)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
n-Butylbenzene	45 a	(78 - 138)			SW846 8260B
	60 a	(78 - 138)	27	(0-37)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	158 a	(36 - 148)			SW846 8260B
	175 a	(36 - 148)	8.8	(0-48)	SW846 8260B
1,2,4-Trichlorobenzene	40 a	(80 - 125)			SW846 8260B
	39 a	(80 - 125)	4.3	(0-39)	SW846 8260B
Hexachlorobutadiene	21 a	(69 - 140)			SW846 8260B
	33 a,p	(69 - 140)	44	(0-38)	SW846 8260B
Naphthalene	54 a	(76 - 137)			SW846 8260B
	48 a	(76 - 137)	13	(0-46)	SW846 8260B
1,2,3-Trichlorobenzene	35 a	(80 - 130)			SW846 8260B
	34 a	(80 - 130)	5.3	(0-42)	SW846 8260B
cis-1,2-Dichloroethene	99	(78 - 124)			SW846 8260B
	104	(78 - 124)	3.2	(0-37)	SW846 8260B
1,4-Dioxane	111	(35 - 157)			SW846 8260B
	100	(35 - 157)	13	(0-48)	SW846 8260B
2-Hexanone	141 a	(49 - 138)			SW846 8260B
	156 a	(49 - 138)	8.5	(0-73)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	104	(63 - 146)			SW846 8260B
	99	(63 - 146)	5.7	(0-22)	SW846 8260B
Vinyl acetate	145	(29 - 179)			SW846 8260B
	146	(29 - 179)	0.59	(0-50)	SW846 8260B
m-Xylene & p-Xylene	87	(80 - 123)			SW846 8260B
	88	(80 - 123)	0.73	(0-40)	SW846 8260B
o-Xylene	87	(80 - 120)			SW846 8260B
	88	(80 - 120)	0.80	(0-40)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(67 - 142)
	122	(67 - 142)
1,2-Dichloroethane-d4	140	(48 - 160)
	144	(48 - 160)
Toluene-d8	98	(78 - 120)
	95	(78 - 120)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1D5-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1D6-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	87	(60 - 124)
	78	(60 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

SOLID, 8015 MOD, TPH

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC Semivolatiles

Lot-Sample #...:	G6K270174-001	Work Order #...:	JKDNR1AE	Matrix.....:	SOLID
Date Sampled...:	11/20/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/14/06		
Prep Batch #...:	6332452				
Dilution Factor:	10	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	19	mg/kg
Unknown Hydrocarbon	**200 G**	**19**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	0.0 SRD	(62 - 137)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference

The unknown from n-C14 to n-C40 is quantitated based on a diesel reference from n-C10 or n-C24 only.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC Semivolatiles

Lot-Sample #...:	G6K270174-002	Work Order #...:	JKDNX1AQ	Matrix.....:	SOLID
Date Sampled...:	11/20/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/04/06		
Prep Batch #...:	6332452				
Dilution Factor:	5	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	6.5	mg/kg
Unknown Hydrocarbon	**16 G**	**6.5**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	114	(62 - 137)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

The unknown from n-C20 to n-C40 is quantitated based on a diesel reference from n-C10 to n-C24 only.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC Semivolatiles

Lot-Sample #...:	G6K270174-003	Work Order #...:	JKDN11AQ	Matrix.....:	SOLID
Date Sampled...:	11/20/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/14/06		
Prep Batch #...:	6332452				
Dilution Factor:	1.0	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	*ND*	22	mg/kg
Unknown Hydrocarbon	**340 G**	**22**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	0.0 SRD	(62 - 137)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

The unknown from n-C14 to n-C40 is quantitated based on a diesel reference from n-C10 to n-C24 only

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC Semivolatiles

Lot-Sample #...:	G6K270174-004	Work Order #...:	JKDN21AQ	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/14/06		
Prep Batch #...:	6332452				
Dilution Factor:	10	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	16	mg/kg
Unknown Hydrocarbon	**240 G**	**16**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	0.0 SRD	(62 - 137)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC Semivolatiles

Lot-Sample #...:	G6K270174-005	Work Order #...:	JKDN31AQ	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/14/06		
Prep Batch #...:	6332452				
Dilution Factor:	10	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	17	mg/kg
Unknown Hydrocarbon	**220 G**	**17**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	0.0 SRD	(62 - 137)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

The unknown from n-C14 to n-C40 is quantitated based on a diesel reference from n-C10 to n-C24 only

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC Semivolatiles

Lot-Sample #...:	G6K270174-006	Work Order #...:	JKDN41AQ	Matrix.....:	SOLID
Date Sampled...:	11/21/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/14/06		
Prep Batch #...:	6332452				
Dilution Factor:	10	Method.....:	SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Diesel)	ND	12	mg/kg
Unknown Hydrocarbon	**39 G**	**12**	**mg/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	0.0 SRD	(62 - 137)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

The unknown from n-C16 to n-C40 is quantitated based on a diesel reference from n-C10 to n-C24 only.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
002	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
003	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
004	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

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QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
006	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216 90		6331501	6331294
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKFF01AA **Matrix.....:** SOLID
MB Lot-Sample #: G6K280000-452

Prep Date.....: 11/28/06
Analysis Date..: 11/30/06 **Prep Batch #...:** 6332452
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Diesel)	ND	1.0	mg/kg	SW846 8015 MOD
Unknown Hydrocarbon	ND	1.0	mg/kg	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	96	(62 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKFF01AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6K280000-452
Prep Date.....: 11/28/06 **Analysis Date..:** 11/30/06
Prep Batch #...: 6332452
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**10.0**	**9.19**	**mg/kg**	**92**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	138 *	(62 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKFF01AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6K280000-452
Prep Date.....: 11/28/06 **Analysis Date..:** 11/30/06
Prep Batch #...: 6332452
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**92**	**(66 - 134)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	138 *	(62 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNX1CG-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-002 JKDNX1CH-MSD
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 11/28/06 **Analysis Date..:** 12/04/06
Prep Batch #...: 6332452
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**254 a**	**(66 - 134)**			**SW846 8015 MOD**
	127 p	**(66 - 134)**	**67**	**(0-52)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	106	(62 - 137)
	117	(62 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNX1CG-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-002 JKDNX1CH-MSD
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 11/28/06 **Analysis Date..:** 12/04/06
Prep Batch #...: 6332452
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Diesel)	**ND**	13.0	33.0	**mg/kg**	**254 a**		**SW846 8015 MOD**
	ND	13.0	16.5	**mg/kg**	**127 p**	67	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	106	(62 - 137)
	117	(62 - 137)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

SOLID, 8082, PCBs

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC Semivolatiles

Lot-Sample #...:	G6K270174-001	**Work Order #...:**	JKDNR1AD	**Matrix.....:**	SOLID
Date Sampled...:	11/20/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6338297				
Dilution Factor:	5	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND G	310	ug/kg
Aroclor 1221	ND	310	ug/kg
Aroclor 1232	ND	310	ug/kg
Aroclor 1242	ND	310	ug/kg
Aroclor 1248	ND	310	ug/kg
Aroclor 1254	ND	310	ug/kg
Aroclor 1260	ND	310	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(54 - 147)
Tetrachloro-m-xylene	85	(55 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC Semivolatiles

Lot-Sample #...:	G6K270174-002	**Work Order #...:**	JKDNX1AP	**Matrix.....:**	SOLID
Date Sampled...:	11/20/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6338297				
Dilution Factor:	5	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND G	210	ug/kg
Aroclor 1221	ND	210	ug/kg
Aroclor 1232	ND	210	ug/kg
Aroclor 1242	ND	210	ug/kg
Aroclor 1248	ND	210	ug/kg
Aroclor 1254	ND	210	ug/kg
Aroclor 1260	ND	210	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(54 - 147)
Tetrachloro-m-xylene	84	(55 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC Semivolatiles

Lot-Sample #...:	G6K270174-003	**Work Order #...:**	JKDN11AP	**Matrix.....:**	SOLID
Date Sampled...:	11/20/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6338297				
Dilution Factor:	20	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND G	1500	ug/kg
Aroclor 1221	ND	1500	ug/kg
Aroclor 1232	ND	1500	ug/kg
Aroclor 1242	ND	1500	ug/kg
Aroclor 1248	ND	1500	ug/kg
Aroclor 1254	ND	1500	ug/kg
Aroclor 1260	ND	1500	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(54 - 147)
Tetrachloro-m-xylene	0.0 SRD	(55 - 126)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC Semivolatiles

Lot-Sample #...:	G6K270174-004	**Work Order #...:**	JKDN21AP	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6338297				
Dilution Factor:	50	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND G	2600	ug/kg
Aroclor 1221	ND	2600	ug/kg
Aroclor 1232	ND	2600	ug/kg
Aroclor 1242	ND	2600	ug/kg
Aroclor 1248	ND	2600	ug/kg
Aroclor 1254	ND	2600	ug/kg
Aroclor 1260	ND	2600	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(54 - 147)
Tetrachloro-m-xylene	0.0 SRD	(55 - 126)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC Semivolatiles

Lot-Sample #...:	G6K270174-005	**Work Order #...:**	JKDN31AP	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/22/06		
Prep Date.....:	12/04/06	**Analysis Date..:**	12/11/06		
Prep Batch #...:	6338297				
Dilution Factor:	10	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND G	550	ug/kg
Aroclor 1221	ND	550	ug/kg
Aroclor 1232	ND	550	ug/kg
Aroclor 1242	ND	550	ug/kg
Aroclor 1248	ND	550	ug/kg
Aroclor 1254	ND	550	ug/kg
Aroclor 1260	ND	550	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(54 - 147)
Tetrachloro-m-xylene	0.0 SRD	(55 - 126)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery

Results and reporting limits have been adjusted for dry weight

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC Semivolatiles

Lot-Sample #...: G6K270174-006 **Work Order #...:** JKDN41AP **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/08/06
Prep Batch #...: 6338297
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(54 - 147)
Tetrachloro-m-xylene	87	(55 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
002	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
003	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
004	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

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QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
006	SOLID	EPA-5 1613B		6335399	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331501	6331294
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKQM61AA **Matrix.....:** SOLID
MB Lot-Sample #: G6L040000-297

Prep Date.....: 12/04/06
Analysis Date..: 12/07/06 **Prep Batch #...:** 6338297
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(54 - 147)
Tetrachloro-m-xylene	103	(55 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKQM61AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6L040000-297
Prep Date.....: 12/04/06 **Analysis Date..:** 12/07/06
Prep Batch #...: 6338297
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**66.7**	**68.2**	**ug/kg**	**102**	**SW846 8082**
Aroclor 1260	**66.7**	**67.3**	**ug/kg**	**101**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(54 - 147)
Tetrachloro-m-xylene	99	(55 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKQM61AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6L040000-297
Prep Date.....: 12/04/06 **Analysis Date..:** 12/07/06
Prep Batch #...: 6338297
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**102**	**(69 - 134)**	**SW846 8082**
Aroclor 1260	**101**	**(74 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(54 - 147)
Tetrachloro-m-xylene	99	(55 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNX1CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-002 JKDNX1CK-MSD
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/08/06
Prep Batch #...: 6338297
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**86.2**	**71.3**	**ug/kg**	**83**		**SW846 8082**
	ND	**86.0**	**75.9**	**ug/kg**	**88**	**6.3**	**SW846 8082**
Aroclor 1260	**ND**	**86.2**	**68.2**	**ug/kg**	**79**		**SW846 8082**
	ND	**86.0**	**74.3**	**ug/kg**	**86**	**8.5**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(54 - 147)
	86	(54 - 147)
Tetrachloro-m-xylene	78	(55 - 126)
	82	(55 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNX1CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-002 JKDNX1CK-MSD
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/04/06 **Analysis Date..:** 12/08/06
Prep Batch #...: 6338297
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**83**	**(69 - 134)**			**SW846 8082**
	88	**(69 - 134)**	**6.3**	**(0-26)**	**SW846 8082**
Aroclor 1260	**79**	**(74 - 130)**			**SW846 8082**
	86	**(74 - 130)**	**8.5**	**(0-27)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(54 - 147)
	86	(54 - 147)
Tetrachloro-m-xylene	78	(55 - 126)
	82	(55 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

SOLID, 8270C, SVOCs

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC/MS Semivolatiles

Lot-Sample #...:	G6K270174-001	**Work Order #...:**	JKDNR1CF	**Matrix.....:**	SOLID
Date Sampled...:	11/20/06	**Date Received..:**	11/22/06		
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332224				
Dilution Factor:	0.98	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**1800**	**620**	**ug/kg**
Biphenyl	ND	620	ug/kg
Acenaphthene	**210 J**	**620**	**ug/kg**
Acenaphthylene	**91 J**	**620**	**ug/kg**
Anthracene	**570 J**	**620**	**ug/kg**
Benzo(b)fluoranthene	**2000**	**620**	**ug/kg**
Benzo(k)fluoranthene	**1600**	**620**	**ug/kg**
Benzo(ghi)perylene	**780**	**620**	**ug/kg**
Benzo(a)pyrene	**1800**	**620**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	620	ug/kg
bis(2-Chloroethyl)-ether	ND	620	ug/kg
bis(2-Chloroisopropyl) ether	ND	620	ug/kg
bis(2-Ethylhexyl) phthalate	**140 J**	**620**	**ug/kg**
4-Bromophenyl phenyl ether	ND	620	ug/kg
Butyl benzyl phthalate	ND	620	ug/kg
4-Chloroaniline	ND	620	ug/kg
4-Chloro-3-methylphenol	ND	620	ug/kg
2-Chloronaphthalene	ND	620	ug/kg
2-Chlorophenol	ND	620	ug/kg
4-Chlorophenyl phenyl ether	ND	620	ug/kg
Chrysene	**2100**	**620**	**ug/kg**
Dibenz(a,h)anthracene	**280 J**	**620**	**ug/kg**
Dibenzofuran	**110 J**	**620**	**ug/kg**
Di-n-butyl phthalate	**62 J**	**620**	**ug/kg**
1,2-Dichlorobenzene	ND	620	ug/kg
1,3-Dichlorobenzene	ND	620	ug/kg
1,4-Dichlorobenzene	ND	620	ug/kg
3,3'-Dichlorobenzidine	ND	3000	ug/kg
2,4-Dichlorophenol	ND	620	ug/kg
Diethyl phthalate	ND	620	ug/kg
2,4-Dimethylphenol	ND	620	ug/kg
Dimethyl phthalate	ND	620	ug/kg
4,6-Dinitro-2-methylphenol	ND	3000	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-001 Work Order #...: JKDNR1CF Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	3000	ug/kg
2,4-Dinitrotoluene	ND	620	ug/kg
2,6-Dinitrotoluene	ND	620	ug/kg
Di-n-octyl phthalate	ND	620	ug/kg
Fluoranthene	**3200**	**620**	**ug/kg**
Fluorene	**240 J**	**620**	**ug/kg**
Hexachlorobenzene	ND	620	ug/kg
Hexachlorobutadiene	ND	620	ug/kg
Hexachlorocyclopentadiene	ND	3000	ug/kg
Hexachloroethane	ND	620	ug/kg
Indeno(1,2,3-cd)pyrene	**990**	**620**	**ug/kg**
Isophorone	ND	620	ug/kg
2-Methylnaphthalene	ND	620	ug/kg
2-Methylphenol	ND	620	ug/kg
4-Methylphenol	ND	620	ug/kg
Naphthalene	ND	620	ug/kg
2-Nitroaniline	ND	3000	ug/kg
3-Nitroaniline	ND	3000	ug/kg
4-Nitroaniline	ND	3000	ug/kg
Nitrobenzene	ND	620	ug/kg
2-Nitrophenol	ND	620	ug/kg
4-Nitrophenol	ND	3000	ug/kg
N-Nitrosodiphenylamine	ND	620	ug/kg
N-Nitrosodi-n-propylamine	ND	620	ug/kg
Pentachlorophenol	ND	3000	ug/kg
Phenanthrene	**2000**	**620**	**ug/kg**
Phenol	ND	620	ug/kg
Pyrene	**4500**	**620**	**ug/kg**
1,2,4-Trichlorobenzene	ND	620	ug/kg
2,4,5-Trichlorophenol	ND	620	ug/kg
2,4,6-Trichlorophenol	ND	620	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-001 **Work Order #...:** JKDNR1CF **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	61	(37 - 98)
1,2-Dichlorobenzene-d4	47	(23 - 103)
2-Fluorobiphenyl	68	(43 - 110)
2-Fluorophenol	49	(30 - 93)
Nitrobenzene-d5	58	(37 - 93)
Phenol-d5	66	(41 - 100)
Terphenyl-d14	112	(40 - 165)
2,4,6-Tribromophenol	72	(33 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC/MS Semivolatiles

Lot-Sample #...:	G6K270174-002	Work Order #...:	JKDNX1CF	Matrix.....:	SOLID
Date Sampled...:	11/20/06	Date Received..:	11/22/06		
Prep Date.....:	11/28/06	Analysis Date..:	12/07/06		
Prep Batch #...:	6332224				
Dilution Factor:	1	Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**530**	**430**	**ug/kg**
Biphenyl	ND	430	ug/kg
Acenaphthene	**67 J**	**430**	**ug/kg**
Acenaphthylene	**25 J**	**430**	**ug/kg**
Anthracene	**190 J**	**430**	**ug/kg**
Benzo(b)fluoranthene	**530**	**430**	**ug/kg**
Benzo(k)fluoranthene	**500**	**430**	**ug/kg**
Benzo(ghi)perylene	**280 J**	**430**	**ug/kg**
Benzo(a)pyrene	**530**	**430**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	430	ug/kg
bis(2-Chloroethyl)-ether	ND	430	ug/kg
bis(2-Chloroisopropyl) ether	ND	430	ug/kg
bis(2-Ethylhexyl) phthalate	**110 J**	**430**	**ug/kg**
4-Bromophenyl phenyl ether	ND	430	ug/kg
Butyl benzyl phthalate	**76 J**	**430**	**ug/kg**
4-Chloroaniline	ND	430	ug/kg
4-Chloro-3-methylphenol	ND	430	ug/kg
2-Chloronaphthalene	ND	430	ug/kg
2-Chlorophenol	ND	430	ug/kg
4-Chlorophenyl phenyl ether	ND	430	ug/kg
Chrysene	**580**	**430**	**ug/kg**
Dibenz(a,h)anthracene	**98 J**	**430**	**ug/kg**
Dibenzofuran	**55 J**	**430**	**ug/kg**
Di-n-butyl phthalate	ND	430	ug/kg
1,2-Dichlorobenzene	ND	430	ug/kg
1,3-Dichlorobenzene	ND	430	ug/kg
1,4-Dichlorobenzene	ND	430	ug/kg
3,3'-Dichlorobenzidine	ND	2100	ug/kg
2,4-Dichlorophenol	ND	430	ug/kg
Diethyl phthalate	ND	430	ug/kg
2,4-Dimethylphenol	ND	430	ug/kg
Dimethyl phthalate	ND	430	ug/kg
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-002 **Work Order #...:** JKDNX1CF **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	2100	ug/kg
2,4-Dinitrotoluene	ND	430	ug/kg
2,6-Dinitrotoluene	ND	430	ug/kg
Di-n-octyl phthalate	**39 J**	**430**	**ug/kg**
Fluoranthene	**1100**	**430**	**ug/kg**
Fluorene	**89 J**	**430**	**ug/kg**
Hexachlorobenzene	ND	430	ug/kg
Hexachlorobutadiene	ND	430	ug/kg
Hexachlorocyclopenta-diene	ND	2100	ug/kg
Hexachloroethane	ND	430	ug/kg
Indeno(1,2,3-cd)pyrene	**370 J**	**430**	**ug/kg**
Isophorone	ND	430	ug/kg
2-Methylnaphthalene	ND	430	ug/kg
2-Methylphenol	ND	430	ug/kg
4-Methylphenol	ND	430	ug/kg
Naphthalene	ND	430	ug/kg
2-Nitroaniline	ND	2100	ug/kg
3-Nitroaniline	ND	2100	ug/kg
4-Nitroaniline	ND	2100	ug/kg
Nitrobenzene	ND	430	ug/kg
2-Nitrophenol	ND	430	ug/kg
4-Nitrophenol	ND	2100	ug/kg
N-Nitrosodiphenylamine	ND	430	ug/kg
N-Nitrosodi-n-propyl-amine	ND	430	ug/kg
Pentachlorophenol	ND	2100	ug/kg
Phenanthrene	**810**	**430**	**ug/kg**
Phenol	ND	430	ug/kg
Pyrene	**1200**	**430**	**ug/kg**
1,2,4-Trichloro-benzene	ND	430	ug/kg
2,4,5-Trichloro-phenol	ND	430	ug/kg
2,4,6-Trichloro-phenol	ND	430	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-002 Work Order #...: JKDNX1CF Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	68	(37 - 98)
1,2-Dichlorobenzene-d4	51	(23 - 103)
2-Fluorobiphenyl	62	(43 - 110)
2-Fluorophenol	59	(30 - 93)
Nitrobenzene-d5	68	(37 - 93)
Phenol-d5	68	(41 - 100)
Terphenyl-d14	104	(40 - 165)
2,4,6-Tribromophenol	76	(33 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC/MS Semivolatiles

Lot-Sample #...:	G6K270174-003	**Work Order #...:**	JKDN11CF	**Matrix.....:**	SOLID
Date Sampled...:	11/20/06	**Date Received..:**	11/22/06		
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332224				
Dilution Factor:	1	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**890**	**730**	**ug/kg**
Biphenyl	ND	730	ug/kg
Acenaphthene	**82 J**	**730**	**ug/kg**
Acenaphthylene	**94 J**	**730**	**ug/kg**
Anthracene	**250 J**	**730**	**ug/kg**
Benzo(b)fluoranthene	**1300**	**730**	**ug/kg**
Benzo(k)fluoranthene	**1000**	**730**	**ug/kg**
Benzo(ghi)perylene	**460 J**	**730**	**ug/kg**
Benzo(a)pyrene	**970**	**730**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	730	ug/kg
bis(2-Chloroethyl)-ether	ND	730	ug/kg
bis(2-Chloroisopropyl) ether	ND	730	ug/kg
bis(2-Ethylhexyl) phthalate	**54 J**	**730**	**ug/kg**
4-Bromophenyl phenyl ether	ND	730	ug/kg
Butyl benzyl phthalate	ND	730	ug/kg
4-Chloroaniline	ND	730	ug/kg
4-Chloro-3-methylphenol	ND	730	ug/kg
2-Chloronaphthalene	ND	730	ug/kg
2-Chlorophenol	ND	730	ug/kg
4-Chlorophenyl phenyl ether	ND	730	ug/kg
Chrysene	**1100**	**730**	**ug/kg**
Dibenz(a,h)anthracene	**180 J**	**730**	**ug/kg**
Dibenzofuran	**62 J**	**730**	**ug/kg**
Di-n-butyl phthalate	ND	730	ug/kg
1,2-Dichlorobenzene	ND	730	ug/kg
1,3-Dichlorobenzene	ND	730	ug/kg
1,4-Dichlorobenzene	ND	730	ug/kg
3,3'-Dichlorobenzidine	ND	3600	ug/kg
2,4-Dichlorophenol	ND	730	ug/kg
Diethyl phthalate	ND	730	ug/kg
2,4-Dimethylphenol	ND	730	ug/kg
Dimethyl phthalate	ND	730	ug/kg
4,6-Dinitro-2-methylphenol	ND	3600	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-003 **Work Order #...:** JKDN11CF **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	3600	ug/kg
2,4-Dinitrotoluene	ND	730	ug/kg
2,6-Dinitrotoluene	ND	730	ug/kg
Di-n-octyl phthalate	ND	730	ug/kg
Fluoranthene	**1700**	**730**	**ug/kg**
Fluorene	**110 J**	**730**	**ug/kg**
Hexachlorobenzene	ND	730	ug/kg
Hexachlorobutadiene	ND	730	ug/kg
Hexachlorocyclopentadiene	ND	3600	ug/kg
Hexachloroethane	ND	730	ug/kg
Indeno(1,2,3-cd)pyrene	**650 J**	**730**	**ug/kg**
Isophorone	ND	730	ug/kg
2-Methylnaphthalene	ND	730	ug/kg
2-Methylphenol	ND	730	ug/kg
4-Methylphenol	ND	730	ug/kg
Naphthalene	ND	730	ug/kg
2-Nitroaniline	ND	3600	ug/kg
3-Nitroaniline	ND	3600	ug/kg
4-Nitroaniline	ND	3600	ug/kg
Nitrobenzene	ND	730	ug/kg
2-Nitrophenol	ND	730	ug/kg
4-Nitrophenol	ND	3600	ug/kg
N-Nitrosodiphenylamine	ND	730	ug/kg
N-Nitrosodi-n-propylamine	ND	730	ug/kg
Pentachlorophenol	ND	3600	ug/kg
Phenanthrene	**960**	**730**	**ug/kg**
Phenol	ND	730	ug/kg
Pyrene	**2600**	**730**	**ug/kg**
1,2,4-Trichlorobenzene	ND	730	ug/kg
2,4,5-Trichlorophenol	ND	730	ug/kg
2,4,6-Trichlorophenol	ND	730	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: DYER1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-003 Work Order #...: JKDN11CF Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	61	(37 - 98)
1,2-Dichlorobenzene-d4	44	(23 - 103)
2-Fluorobiphenyl	61	(43 - 110)
2-Fluorophenol	49	(30 - 93)
Nitrobenzene-d5	55	(37 - 93)
Phenol-d5	63	(41 - 100)
Terphenyl-d14	108	(40 - 165)
2,4,6-Tribromophenol	67	(33 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC/MS Semivolatiles

Lot-Sample #...:	G6K270174-004	**Work Order #...:**	JKDN21CF	**Matrix.....:**	SOLID
Date Sampled...:	11/21/06	**Date Received..:**	11/22/06		
Prep Date.....:	11/28/06	**Analysis Date..:**	12/07/06		
Prep Batch #...:	6332224				
Dilution Factor:	9.95	**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**7800**	**5100**	**ug/kg**
Biphenyl	ND	5100	ug/kg
Acenaphthene	**2000 J**	**5100**	**ug/kg**
Acenaphthylene	ND	5100	ug/kg
Anthracene	**3300 J**	**5100**	**ug/kg**
Benzo(b)fluoranthene	**6400**	**5100**	**ug/kg**
Benzo(k)fluoranthene	**7000**	**5100**	**ug/kg**
Benzo(ghi)perylene	**3100 J**	**5100**	**ug/kg**
Benzo(a)pyrene	**6600**	**5100**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	5100	ug/kg
bis(2-Chloroethyl)-ether	ND	5100	ug/kg
bis(2-Chloroisopropyl) ether	ND	5100	ug/kg
bis(2-Ethylhexyl) phthalate	**1500 J**	**5100**	**ug/kg**
4-Bromophenyl phenyl ether	ND	5100	ug/kg
Butyl benzyl phthalate	**450 J**	**5100**	**ug/kg**
4-Chloroaniline	ND	5100	ug/kg
4-Chloro-3-methylphenol	ND	5100	ug/kg
2-Chloronaphthalene	ND	5100	ug/kg
2-Chlorophenol	ND	5100	ug/kg
4-Chlorophenyl phenyl ether	ND	5100	ug/kg
Chrysene	**8800**	**5100**	**ug/kg**
Dibenz(a,h)anthracene	**1200 J**	**5100**	**ug/kg**
Dibenzofuran	**1500 J**	**5100**	**ug/kg**
Di-n-butyl phthalate	ND	5100	ug/kg
1,2-Dichlorobenzene	ND	5100	ug/kg
1,3-Dichlorobenzene	ND	5100	ug/kg
1,4-Dichlorobenzene	ND	5100	ug/kg
3,3'-Dichlorobenzidine	ND	25000	ug/kg
2,4-Dichlorophenol	ND	5100	ug/kg
Diethyl phthalate	ND	5100	ug/kg
2,4-Dimethylphenol	ND	5100	ug/kg
Dimethyl phthalate	ND	5100	ug/kg
4,6-Dinitro-2-methylphenol	ND	25000	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN21CF Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	25000	ug/kg
2,4-Dinitrotoluene	ND	5100	ug/kg
2,6-Dinitrotoluene	ND	5100	ug/kg
Di-n-octyl phthalate	ND	5100	ug/kg
Fluoranthene	**19000**	**5100**	**ug/kg**
Fluorene	**1800 J**	**5100**	**ug/kg**
Hexachlorobenzene	ND	5100	ug/kg
Hexachlorobutadiene	ND	5100	ug/kg
Hexachlorocyclopenta-diene	ND	25000	ug/kg
Hexachloroethane	ND	5100	ug/kg
Indeno(1,2,3-cd)pyrene	**4000 J**	**5100**	**ug/kg**
Isophorone	ND	5100	ug/kg
2-Methylnaphthalene	ND	5100	ug/kg
2-Methylphenol	ND	5100	ug/kg
4-Methylphenol	ND	5100	ug/kg
Naphthalene	**830 J**	**5100**	**ug/kg**
2-Nitroaniline	ND	25000	ug/kg
3-Nitroaniline	ND	25000	ug/kg
4-Nitroaniline	ND	25000	ug/kg
Nitrobenzene	ND	5100	ug/kg
2-Nitrophenol	ND	5100	ug/kg
4-Nitrophenol	ND	25000	ug/kg
N-Nitrosodiphenylamine	ND	5100	ug/kg
N-Nitrosodi-n-propyl-amine	ND	5100	ug/kg
Pentachlorophenol	ND	25000	ug/kg
Phenanthrene	**19000**	**5100**	**ug/kg**
Phenol	ND	5100	ug/kg
Pyrene	**19000**	**5100**	**ug/kg**
1,2,4-Trichloro-benzene	ND	5100	ug/kg
2,4,5-Trichloro-phenol	ND	5100	ug/kg
2,4,6-Trichloro-phenol	ND	5100	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN21CF Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	0.0 SRD	(37 - 98)
1,2-Dichlorobenzene-d4	0.0 SRD	(23 - 103)
2-Fluorobiphenyl	0.0 SRD	(43 - 110)
2-Fluorophenol	0.0 SRD	(30 - 93)
Nitrobenzene-d5	0.0 SRD	(37 - 93)
Phenol-d5	0.0 SRD	(41 - 100)
Terphenyl-d14	0.0 SRD	(40 - 165)
2,4,6-Tribromophenol	0.0 SRD	(33 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-005 Work Order #...: JKDN31CF Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Prep Date.....: 11/28/06 Analysis Date..: 12/07/06
Prep Batch #...: 6332224
Dilution Factor: 9.94 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**7600**	**5400**	**ug/kg**
Biphenyl	ND	5400	ug/kg
Acenaphthene	**2600 J**	**5400**	**ug/kg**
Acenaphthylene	ND	5400	ug/kg
Anthracene	**3400 J**	**5400**	**ug/kg**
Benzo(b)fluoranthene	**7100**	**5400**	**ug/kg**
Benzo(k)fluoranthene	**6600**	**5400**	**ug/kg**
Benzo(ghi)perylene	**2900 J**	**5400**	**ug/kg**
Benzo(a)pyrene	**6200**	**5400**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	5400	ug/kg
bis(2-Chloroethyl)-ether	ND	5400	ug/kg
bis(2-Chloroisopropyl) ether	ND	5400	ug/kg
bis(2-Ethylhexyl) phthalate	**1300 J**	**5400**	**ug/kg**
4-Bromophenyl phenyl ether	ND	5400	ug/kg
Butyl benzyl phthalate	**500 J**	**5400**	**ug/kg**
4-Chloroaniline	ND	5400	ug/kg
4-Chloro-3-methylphenol	ND	5400	ug/kg
2-Chloronaphthalene	ND	5400	ug/kg
2-Chlorophenol	ND	5400	ug/kg
4-Chlorophenyl phenyl ether	ND	5400	ug/kg
Chrysene	**8200**	**5400**	**ug/kg**
Dibenz(a,h)anthracene	**1200 J**	**5400**	**ug/kg**
Dibenzofuran	**1600 J**	**5400**	**ug/kg**
Di-n-butyl phthalate	**5800**	**5400**	**ug/kg**
1,2-Dichlorobenzene	ND	5400	ug/kg
1,3-Dichlorobenzene	ND	5400	ug/kg
1,4-Dichlorobenzene	ND	5400	ug/kg
3,3'-Dichlorobenzidine	ND	26000	ug/kg
2,4-Dichlorophenol	ND	5400	ug/kg
Diethyl phthalate	ND	5400	ug/kg
2,4-Dimethylphenol	ND	5400	ug/kg
Dimethyl phthalate	ND	5400	ug/kg
4,6-Dinitro-2-methylphenol	ND	26000	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-005 Work Order #...: JKDN31CF Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	26000	ug/kg
2,4-Dinitrotoluene	ND	5400	ug/kg
2,6-Dinitrotoluene	ND	5400	ug/kg
Di-n-octyl phthalate	ND	5400	ug/kg
Fluoranthene	**20000**	**5400**	**ug/kg**
Fluorene	**2300 J**	**5400**	**ug/kg**
Hexachlorobenzene	ND	5400	ug/kg
Hexachlorobutadiene	ND	5400	ug/kg
Hexachlorocyclopentadiene	ND	26000	ug/kg
Hexachloroethane	ND	5400	ug/kg
Indeno(1,2,3-cd)pyrene	**4300 J**	**5400**	**ug/kg**
Isophorone	ND	5400	ug/kg
2-Methylnaphthalene	ND	5400	ug/kg
2-Methylphenol	ND	5400	ug/kg
4-Methylphenol	ND	5400	ug/kg
Naphthalene	**480 J**	**5400**	**ug/kg**
2-Nitroaniline	ND	26000	ug/kg
3-Nitroaniline	ND	26000	ug/kg
4-Nitroaniline	ND	26000	ug/kg
Nitrobenzene	ND	5400	ug/kg
2-Nitrophenol	ND	5400	ug/kg
4-Nitrophenol	ND	26000	ug/kg
N-Nitrosodiphenylamine	ND	5400	ug/kg
N-Nitrosodi-n-propylamine	ND	5400	ug/kg
Pentachlorophenol	ND	26000	ug/kg
Phenanthrene	**19000**	**5400**	**ug/kg**
Phenol	ND	5400	ug/kg
Pyrene	**19000**	**5400**	**ug/kg**
1,2,4-Trichlorobenzene	ND	5400	ug/kg
2,4,5-Trichlorophenol	ND	5400	ug/kg
2,4,6-Trichlorophenol	ND	5400	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-005 **Work Order #...:** JKDN31CF **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	0.0 SRD	(37 - 98)
1,2-Dichlorobenzene-d4	0.0 SRD	(23 - 103)
2-Fluorobiphenyl	0.0 SRD	(43 - 110)
2-Fluorophenol	0.0 SRD	(30 - 93)
Nitrobenzene-d5	0.0 SRD	(37 - 93)
Phenol-d5	0.0 SRD	(41 - 100)
Terphenyl-d14	0.0 SRD	(40 - 165)
2,4,6-Tribromophenol	0.0 SRD	(33 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight

J Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-006 **Work Order #...:** JKDN41CF **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/22/06
Prep Date.....: 11/28/06 **Analysis Date..:** 12/07/06
Prep Batch #...: 6332224
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzo(a)anthracene	**650**	**390**	**ug/kg**
Biphenyl	ND	390	ug/kg
Acenaphthene	**47 J**	**390**	**ug/kg**
Acenaphthylene	**50 J**	**390**	**ug/kg**
Anthracene	**240 J**	**390**	**ug/kg**
Benzo(b)fluoranthene	**880**	**390**	**ug/kg**
Benzo(k)fluoranthene	**540**	**390**	**ug/kg**
Benzo(ghi)perylene	**300 J**	**390**	**ug/kg**
Benzo(a)pyrene	**650**	**390**	**ug/kg**
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Chloroisopropyl) ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	**130 J**	**390**	**ug/kg**
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	**51 J**	**390**	**ug/kg**
4-Chloroaniline	ND	390	ug/kg
4-Chloro-3-methylphenol	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
2-Chlorophenol	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	**690**	**390**	**ug/kg**
Dibenz(a,h)anthracene	**95 J**	**390**	**ug/kg**
Dibenzofuran	**71 J**	**390**	**ug/kg**
Di-n-butyl phthalate	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
2,4-Dichlorophenol	ND	390	ug/kg
Diethyl phthalate	ND	390	ug/kg
2,4-Dimethylphenol	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-006 **Work Order #...:** JKDN41CF **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg
Di-n-octyl phthalate	**46 J**	**390**	**ug/kg**
Fluoranthene	**1400**	**390**	**ug/kg**
Fluorene	**110 J**	**390**	**ug/kg**
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	**400**	**390**	**ug/kg**
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
2-Methylphenol	ND	390	ug/kg
4-Methylphenol	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
2-Nitrophenol	ND	390	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
Pentachlorophenol	ND	1900	ug/kg
Phenanthrene	**240 J**	**390**	**ug/kg**
Phenol	ND	390	ug/kg
Pyrene	**1700**	**390**	**ug/kg**
1,2,4-Trichloro-benzene	ND	390	ug/kg
2,4,5-Trichloro-phenol	ND	390	ug/kg
2,4,6-Trichloro-phenol	ND	390	ug/kg

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Woonasquatucket River Watershed Council

Client Sample ID: PARA2

GC/MS Semivolatiles

Lot-Sample #...: G6K270174-006 Work Order #...: JKDN41CF Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	73	(37 - 98)
1,2-Dichlorobenzene-d4	70	(23 - 103)
2-Fluorobiphenyl	70	(43 - 110)
2-Fluorophenol	52	(30 - 93)
Nitrobenzene-d5	78	(37 - 93)
Phenol-d5	75	(41 - 100)
Terphenyl-d14	117	(40 - 165)
2,4,6-Tribromophenol	76	(33 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8270C		6332224	6332121
002	SOLID	SW846 8270C		6332224	6332121
003	SOLID	SW846 8270C		6332224	6332121
004	SOLID	SW846 8270C		6332224	6332121
005	SOLID	SW846 8270C		6332224	6332121
006	SOLID	SW846 8270C		6332224	6332121

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AA Matrix.....: SOLID
MB Lot-Sample #: G6K280000-224

Prep Date.....: 11/28/06
Analysis Date..: 12/05/06 Prep Batch #...: 6332224
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Biphenyl	ND	330	ug/kg	SW846 8270C
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
4-Methylphenol	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1600	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C
1,2,4-Trichloro-benzene	ND	330	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	71	(37 - 98)
1,2-Dichlorobenzene-d4	74	(23 - 103)
2-Fluorobiphenyl	69	(43 - 110)
2-Fluorophenol	61	(30 - 93)
Nitrobenzene-d5	72	(37 - 93)
Phenol-d5	67	(41 - 100)
Terphenyl-d14	86	(40 - 165)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4,6-Tribromophenol	65	(33 - 125)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AC Matrix.....: SOLID
LCS Lot-Sample#: G6K280000-224
Prep Date.....: 11/28/06 Analysis Date..: 12/05/06
Prep Batch #...: 6332224
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzo(a)anthracene	3330	3100	ug/kg	93	SW846 8270C
Acenaphthene	3330	2480	ug/kg	74	SW846 8270C
Acenaphthylene	3330	2360	ug/kg	71	SW846 8270C
Anthracene	3330	2860	ug/kg	86	SW846 8270C
Benzo(b)fluoranthene	3330	3510	ug/kg	105	SW846 8270C
Benzo(k)fluoranthene	3330	2950	ug/kg	89	SW846 8270C
Benzo(ghi)perylene	3330	2960	ug/kg	89	SW846 8270C
Benzo(a)pyrene	3330	3090	ug/kg	93	SW846 8270C
bis(2-Chloroethoxy) methane	3330	2320	ug/kg	70	SW846 8270C
bis(2-Chloroethyl)- ether	3330	1790	ug/kg	54	SW846 8270C
bis(2-Chloroisopropyl) et	3330	1790	ug/kg	54	SW846 8270C
bis(2-Ethylhexyl) phthalate	3330	3080	ug/kg	92	SW846 8270C
4-Bromophenyl phenyl ether	3330	2910	ug/kg	87	SW846 8270C
Butyl benzyl phthalate	3330	3080	ug/kg	92	SW846 8270C
Benzyl alcohol	3330	3040	ug/kg	91	SW846 8270C
4-Chloro-3-methylphenol	3330	2820	ug/kg	85	SW846 8270C
2-Chloronaphthalene	3330	2350	ug/kg	70	SW846 8270C
2-Chlorophenol	3330	1850	ug/kg	56	SW846 8270C
4-Chlorophenyl phenyl ether	3330	2450	ug/kg	73	SW846 8270C
Chrysene	3330	3060	ug/kg	92	SW846 8270C
Dibenz(a,h)anthracene	3330	3090	ug/kg	93	SW846 8270C
Dibenzofuran	3330	2640	ug/kg	79	SW846 8270C
Di-n-butyl phthalate	3330	2950	ug/kg	89	SW846 8270C
1,2-Dichlorobenzene	3330	1840	ug/kg	55	SW846 8270C
1,3-Dichlorobenzene	3330	1760	ug/kg	53	SW846 8270C
1,4-Dichlorobenzene	3330	1710	ug/kg	51	SW846 8270C
Carbazole	3330	3020	ug/kg	91	SW846 8270C
2,4-Dichlorophenol	3330	2610	ug/kg	78	SW846 8270C
Diethyl phthalate	3330	2480	ug/kg	75	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AC Matrix.....: SOLID
LCS Lot-Sample#: G6K280000-224

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-Dimethylphenol	3330	2390	ug/kg	72	SW846 8270C
Dimethyl phthalate	3330	2560	ug/kg	77	SW846 8270C
4,6-Dinitro-2-methylphenol	3330	2780	ug/kg	83	SW846 8270C
2,4-Dinitrophenol	3330	2370	ug/kg	71	SW846 8270C
2,4-Dinitrotoluene	3330	2770	ug/kg	83	SW846 8270C
2,6-Dinitrotoluene	3330	2760	ug/kg	83	SW846 8270C
Di-n-octyl phthalate	3330	3360	ug/kg	101	SW846 8270C
Fluoranthene	3330	2900	ug/kg	87	SW846 8270C
Fluorene	3330	2710	ug/kg	81	SW846 8270C
Hexachlorobenzene	3330	2900	ug/kg	87	SW846 8270C
Hexachlorobutadiene	3330	1930	ug/kg	58	SW846 8270C
Hexachlorocyclopentadiene	3330	2110	ug/kg	63	SW846 8270C
Hexachloroethane	3330	1730	ug/kg	52	SW846 8270C
Indeno(1,2,3-cd)pyrene	3330	3260	ug/kg	98	SW846 8270C
Isophorone	3330	2580	ug/kg	78	SW846 8270C
2-Methylnaphthalene	3330	2650	ug/kg	80	SW846 8270C
2-Methylphenol	3330	2410	ug/kg	72	SW846 8270C
4-Methylphenol	6670	4370	ug/kg	66	SW846 8270C
Naphthalene	3330	2060	ug/kg	62	SW846 8270C
2-Nitroaniline	3330	2830	ug/kg	85	SW846 8270C
4-Nitroaniline	3330	2500	ug/kg	75	SW846 8270C
Nitrobenzene	3330	2180	ug/kg	65	SW846 8270C
2-Nitrophenol	3330	2120	ug/kg	64	SW846 8270C
4-Nitrophenol	3330	2510	ug/kg	75	SW846 8270C
N-Nitrosodiphenylamine	3330	2520	ug/kg	75	SW846 8270C
N-Nitrosodi-n-propylamine	3330	2240	ug/kg	67	SW846 8270C
Pentachlorophenol	3330	1930	ug/kg	58	SW846 8270C
Phenanthrene	3330	2860	ug/kg	86	SW846 8270C
Phenol	3330	2180	ug/kg	66	SW846 8270C
Pyrene	3330	3200	ug/kg	96	SW846 8270C
1,2,4-Trichlorobenzene	3330	2070	ug/kg	62	SW846 8270C
2,4,5-Trichlorophenol	3330	2660	ug/kg	80	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKELE1AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6K280000-224

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4,6-Trichloro-phenol	**3330**	**2490**	**ug/kg**	**75**	**SW846 8270C**
N-Nitrosodimethylamine	**3330**	**1770**	**ug/kg**	**53**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	67	(37 - 98)
1,2-Dichlorobenzene-d4	53	(23 - 103)
2-Fluorobiphenyl	68	(43 - 110)
2-Fluorophenol	55	(30 - 93)
Nitrobenzene-d5	67	(37 - 93)
Phenol-d5	69	(41 - 100)
Terphenyl-d14	97	(40 - 165)
2,4,6-Tribromophenol	85	(33 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AC Matrix.....: SOLID
LCS Lot-Sample#: G6K280000-224
Prep Date.....: 11/28/06 Analysis Date..: 12/05/06
Prep Batch #...: 6332224
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzo(a)anthracene	93	(61 - 118)	SW846 8270C
Acenaphthene	74	(53 - 105)	SW846 8270C
Acenaphthylene	71	(50 - 108)	SW846 8270C
Anthracene	86	(62 - 111)	SW846 8270C
Benzo(b)fluoranthene	105	(55 - 134)	SW846 8270C
Benzo(k)fluoranthene	89	(47 - 124)	SW846 8270C
Benzo(ghi)perylene	89	(38 - 125)	SW846 8270C
Benzo(a)pyrene	93	(60 - 115)	SW846 8270C
bis(2-Chloroethoxy) methane	70	(46 - 96)	SW846 8270C
bis(2-Chloroethyl)-ether	54	(38 - 101)	SW846 8270C
bis(2-Chloroisopropyl) et	54	(37 - 98)	SW846 8270C
bis(2-Ethylhexyl) phthalate	92	(51 - 125)	SW846 8270C
4-Bromophenyl phenyl ether	87	(60 - 112)	SW846 8270C
Butyl benzyl phthalate	92	(49 - 130)	SW846 8270C
Benzyl alcohol	91	(46 - 112)	SW846 8270C
4-Chloro-3-methylphenol	85	(54 - 113)	SW846 8270C
2-Chloronaphthalene	70	(48 - 100)	SW846 8270C
2-Chlorophenol	56	(44 - 93)	SW846 8270C
4-Chlorophenyl phenyl ether	73	(54 - 112)	SW846 8270C
Chrysene	92	(61 - 114)	SW846 8270C
Dibenz(a,h)anthracene	93	(43 - 126)	SW846 8270C
Dibenzofuran	79	(56 - 107)	SW846 8270C
Di-n-butyl phthalate	89	(60 - 115)	SW846 8270C
1,2-Dichlorobenzene	55	(39 - 97)	SW846 8270C
1,3-Dichlorobenzene	53	(42 - 88)	SW846 8270C
1,4-Dichlorobenzene	51	(43 - 89)	SW846 8270C
Carbazole	91	(58 - 121)	SW846 8270C
2,4-Dichlorophenol	78	(49 - 100)	SW846 8270C
Diethyl phthalate	75	(57 - 119)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AC Matrix.....: SOLID
LCS Lot-Sample#: G6K280000-224

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-Dimethylphenol	72	(43 - 94)	SW846 8270C
Dimethyl phthalate	77	(49 - 109)	SW846 8270C
4,6-Dinitro-2-methylphenol	83	(24 - 130)	SW846 8270C
2,4-Dinitrophenol	71	(10 - 124)	SW846 8270C
2,4-Dinitrotoluene	83	(52 - 126)	SW846 8270C
2,6-Dinitrotoluene	83	(54 - 118)	SW846 8270C
Di-n-octyl phthalate	101	(24 - 162)	SW846 8270C
Fluoranthene	87	(58 - 126)	SW846 8270C
Fluorene	81	(56 - 112)	SW846 8270C
Hexachlorobenzene	87	(57 - 117)	SW846 8270C
Hexachlorobutadiene	58	(43 - 91)	SW846 8270C
Hexachlorocyclopentadiene	63	(30 - 97)	SW846 8270C
Hexachloroethane	52	(36 - 89)	SW846 8270C
Indeno(1,2,3-cd)pyrene	98	(41 - 126)	SW846 8270C
Isophorone	78	(47 - 102)	SW846 8270C
2-Methylnaphthalene	80	(48 - 100)	SW846 8270C
2-Methylphenol	72	(46 - 100)	SW846 8270C
4-Methylphenol	66	(46 - 102)	SW846 8270C
Naphthalene	62	(42 - 97)	SW846 8270C
2-Nitroaniline	85	(54 - 117)	SW846 8270C
4-Nitroaniline	75	(38 - 130)	SW846 8270C
Nitrobenzene	65	(42 - 94)	SW846 8270C
2-Nitrophenol	64	(45 - 94)	SW846 8270C
4-Nitrophenol	75	(40 - 141)	SW846 8270C
N-Nitrosodiphenylamine	75	(57 - 106)	SW846 8270C
N-Nitrosodi-n-propylamine	67	(41 - 98)	SW846 8270C
Pentachlorophenol	58	(46 - 122)	SW846 8270C
Phenanthrene	86	(63 - 113)	SW846 8270C
Phenol	66	(44 - 98)	SW846 8270C
Pyrene	96	(52 - 126)	SW846 8270C
1,2,4-Trichlorobenzene	62	(45 - 90)	SW846 8270C
2,4,5-Trichlorophenol	80	(54 - 114)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKELE1AC Matrix.....: SOLID
LCS Lot-Sample#: G6K280000-224

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4,6-Trichloro-phenol	**75**	**(51 - 109)**	**SW846 8270C**
N-Nitrosodimethylamine	**53**	**(39 - 94)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	67	(37 - 98)
1,2-Dichlorobenzene-d4	53	(23 - 103)
2-Fluorobiphenyl	68	(43 - 110)
2-Fluorophenol	55	(30 - 93)
Nitrobenzene-d5	67	(37 - 93)
Phenol-d5	69	(41 - 100)
Terphenyl-d14	97	(40 - 165)
2,4,6-Tribromophenol	85	(33 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Prep Date.....: 11/28/06 Analysis Date..: 12/07/06
Prep Batch #...: 6332224
Dilution Factor: 0.99

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzo(a)anthracene	1800	6310	7460	ug/kg	118		SW846 8270C
	1800	6300	6970	ug/kg	111	6.9	SW846 8270C
Acenaphthene	210	6310	5150	ug/kg	78		SW846 8270C
	210	6300	4640	ug/kg	70	11	SW846 8270C
Acenaphthylene	91	6310	4670	ug/kg	73		SW846 8270C
	91	6300	4290	ug/kg	67	8.4	SW846 8270C
Anthracene	570	6310	5360	ug/kg	76		SW846 8270C
	570	6300	5120	ug/kg	72	4.8	SW846 8270C
Benzo(b)fluoranthene	2000	6310	9140	ug/kg	114		SW846 8270C
	2000	6300	9070	ug/kg	113	0.69	SW846 8270C
Benzo(k)fluoranthene	1600	6310	6930	ug/kg	84		SW846 8270C
	1600	6300	6140	ug/kg	72	12	SW846 8270C
Benzo(ghi)perylene	780	6310	4840	ug/kg	64		SW846 8270C
	780	6300	4230	ug/kg	55	13	SW846 8270C
Benzo(a)pyrene	1800	6310	7290	ug/kg	87		SW846 8270C
	1800	6300	6800	ug/kg	79	7.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	6310	4850	ug/kg	77		SW846 8270C
	ND	6300	4420	ug/kg	70	9.1	SW846 8270C
bis(2-Chloroethyl)-ether	ND	6310	956	ug/kg	15 a		SW846 8270C
	ND	6300	900	ug/kg	14 a	6.1	SW846 8270C
bis(2-Chloroisopropyl) et	ND	6310	3960	ug/kg	63		SW846 8270C
	ND	6300	3770	ug/kg	60	4.7	SW846 8270C
bis(2-Ethylhexyl) phthalate	140	6310	6110	ug/kg	95		SW846 8270C
	140	6300	5940	ug/kg	92	2.8	SW846 8270C
4-Bromophenyl phenyl ether	ND	6310	5610	ug/kg	89		SW846 8270C
	ND	6300	5530	ug/kg	88	1.5	SW846 8270C
Butyl benzyl phthalate	ND	6310	6460	ug/kg	102		SW846 8270C
	ND	6300	6280	ug/kg	100	3.0	SW846 8270C
Benzyl alcohol	ND	6310	6080	ug/kg	96		SW846 8270C
	ND	6300	5360	ug/kg	85	13	SW846 8270C
4-Chloro-3-methylphenol	ND	6310	5550	ug/kg	88		SW846 8270C
	ND	6300	5270	ug/kg	84	5.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chloronaphthalene	ND	6310	4780	ug/kg	76		SW846 8270C
	ND	6300	4260	ug/kg	68	12	SW846 8270C
2-Chlorophenol	ND	6310	4040	ug/kg	64		SW846 8270C
	ND	6300	3450	ug/kg	55	16	SW846 8270C
4-Chlorophenyl phenyl ether	ND	6310	4710	ug/kg	75		SW846 8270C
	ND	6300	4390	ug/kg	70	7.0	SW846 8270C
Chrysene	2100	6310	7080	ug/kg	80		SW846 8270C
	2100	6300	6540	ug/kg	71	7.9	SW846 8270C
Dibenz(a,h)anthracene	280	6310	4830	ug/kg	72		SW846 8270C
	280	6300	4310	ug/kg	64	12	SW846 8270C
Dibenzofuran	110	6310	5190	ug/kg	80		SW846 8270C
	110	6300	4470	ug/kg	69	15	SW846 8270C
Di-n-butyl phthalate	62	6310	5340	ug/kg	84		SW846 8270C
	62	6300	5170	ug/kg	81	3.3	SW846 8270C
1,2-Dichlorobenzene	ND	6310	4060	ug/kg	64		SW846 8270C
	ND	6300	3900	ug/kg	62	4.0	SW846 8270C
1,3-Dichlorobenzene	ND	6310	3780	ug/kg	60		SW846 8270C
	ND	6300	3710	ug/kg	59	1.8	SW846 8270C
1,4-Dichlorobenzene	ND	6310	3790	ug/kg	60		SW846 8270C
	ND	6300	3670	ug/kg	58	3.4	SW846 8270C
Carbazole	190	6310	5180	ug/kg	79		SW846 8270C
	190	6300	5120	ug/kg	78	1.3	SW846 8270C
2,4-Dichlorophenol	ND	6310	5260	ug/kg	83		SW846 8270C
	ND	6300	4870	ug/kg	77	7.8	SW846 8270C
Diethyl phthalate	ND	6310	4700	ug/kg	74		SW846 8270C
	ND	6300	4160	ug/kg	66	12	SW846 8270C
2,4-Dimethylphenol	ND	6310	5260	ug/kg	83		SW846 8270C
	ND	6300	4480	ug/kg	71	16	SW846 8270C
Dimethyl phthalate	ND	6310	4640	ug/kg	74		SW846 8270C
	ND	6300	4350	ug/kg	69	6.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	6310	4900	ug/kg	78		SW846 8270C
	ND	6300	4830	ug/kg	77	1.6	SW846 8270C
2,4-Dinitrophenol	ND	6310	5180	ug/kg	82		SW846 8270C
	ND	6300	4810	ug/kg	76	7.3	SW846 8270C
2,4-Dinitrotoluene	ND	6310	5150	ug/kg	82		SW846 8270C
	ND	6300	4770	ug/kg	76	7.6	SW846 8270C
2,6-Dinitrotoluene	ND	6310	5070	ug/kg	80		SW846 8270C
	ND	6300	4420	ug/kg	70	14	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-octyl phthalate	ND	6310	8140	ug/kg	129		SW846 8270C
	ND	6300	8330	ug/kg	132	2.3	SW846 8270C
Fluoranthene	3200	6310	7230	ug/kg	65		SW846 8270C
	3200	6300	7200	ug/kg	64	0.44	SW846 8270C
Fluorene	240	6310	5480	ug/kg	83		SW846 8270C
	240	6300	4640	ug/kg	70	16	SW846 8270C
Hexachlorobenzene	ND	6310	5640	ug/kg	89		SW846 8270C
	ND	6300	5170	ug/kg	82	8.7	SW846 8270C
Hexachlorobutadiene	ND	6310	4040	ug/kg	64		SW846 8270C
	ND	6300	3790	ug/kg	60	6.2	SW846 8270C
Hexachlorocyclopenta-diene	ND	6310	1080	ug/kg	17 a		SW846 8270C
	ND	6300	355	ug/kg	5.6	101	SW846 8270C
		Qualifiers:	a,p				
Hexachloroethane	ND	6310	3100	ug/kg	49		SW846 8270C
	ND	6300	2510	ug/kg	40	21	SW846 8270C
Indeno(1,2,3-cd)pyrene	990	6310	5720	ug/kg	75		SW846 8270C
	990	6300	5070	ug/kg	65	12	SW846 8270C
Isophorone	ND	6310	4830	ug/kg	77		SW846 8270C
	ND	6300	4380	ug/kg	70	9.9	SW846 8270C
2-Methylnaphthalene	ND	6310	5360	ug/kg	85		SW846 8270C
	ND	6300	4940	ug/kg	78	8.1	SW846 8270C
2-Methylphenol	ND	6310	4920	ug/kg	78		SW846 8270C
	ND	6300	4520	ug/kg	72	8.5	SW846 8270C
4-Methylphenol	ND	12600	8750	ug/kg	69		SW846 8270C
	ND	12600	8260	ug/kg	66	5.7	SW846 8270C
Naphthalene	ND	6310	4440	ug/kg	70		SW846 8270C
	ND	6300	4030	ug/kg	64	9.7	SW846 8270C
2-Nitroaniline	ND	6310	5410	ug/kg	86		SW846 8270C
	ND	6300	4810	ug/kg	76	12	SW846 8270C
4-Nitroaniline	ND	6310	3460	ug/kg	55		SW846 8270C
	ND	6300	3320	ug/kg	53	4.3	SW846 8270C
Nitrobenzene	ND	6310	4020	ug/kg	64		SW846 8270C
	ND	6300	3780	ug/kg	60	6.2	SW846 8270C
2-Nitrophenol	ND	6310	4570	ug/kg	72		SW846 8270C
	ND	6300	4220	ug/kg	67	7.9	SW846 8270C
4-Nitrophenol	ND	6310	6210	ug/kg	98		SW846 8270C
	ND	6300	5840	ug/kg	93	6.1	SW846 8270C
N-Nitrosodiphenylamine	ND	6310	4090	ug/kg	65		SW846 8270C
	ND	6300	4360	ug/kg	69	6.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
N-Nitrosodi-n-propyl-amine	ND	6310	3460	ug/kg	55		SW846 8270C
	ND	6300	3780	ug/kg	60	8.8	SW846 8270C
Pentachlorophenol	ND	6310	4320	ug/kg	69		SW846 8270C
	ND	6300	4310	ug/kg	69	0.26	SW846 8270C
Phenanthrene	2000	6310	6540	ug/kg	72		SW846 8270C
	2000	6300	6310	ug/kg	68	3.6	SW846 8270C
Phenol	ND	6310	4180	ug/kg	66		SW846 8270C
	ND	6300	3450	ug/kg	55	19	SW846 8270C
Pyrene	4500	6310	11200	ug/kg	106		SW846 8270C
	4500	6300	10600	ug/kg	95	5.9	SW846 8270C
1,2,4-Trichloro-benzene	ND	6310	4390	ug/kg	70		SW846 8270C
	ND	6300	4040	ug/kg	64	8.1	SW846 8270C
2,4,5-Trichloro-phenol	ND	6310	4990	ug/kg	79		SW846 8270C
	ND	6300	4420	ug/kg	70	12	SW846 8270C
2,4,6-Trichloro-phenol	ND	6310	4990	ug/kg	79		SW846 8270C
	ND	6300	4580	ug/kg	73	8.6	SW846 8270C
N-Nitrosodimethylamine	ND	6310	3760	ug/kg	60		SW846 8270C
	ND	6300	3590	ug/kg	57	4.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	69	(37 - 98)
	66	(37 - 98)
1,2-Dichlorobenzene-d4	56	(23 - 103)
	54	(23 - 103)
2-Fluorobiphenyl	63	(43 - 110)
	58	(43 - 110)
2-Fluorophenol	56	(30 - 93)
	57	(30 - 93)
Nitrobenzene-d5	70	(37 - 93)
	66	(37 - 93)
Phenol-d5	66	(41 - 100)
	63	(41 - 100)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNR1CG-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	123	(40 - 165)
	122	(40 - 165)
2,4,6-Tribromophenol	82	(33 - 125)
	78	(33 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Prep Date.....: 11/28/06 Analysis Date..: 12/07/06
Prep Batch #...: 6332224
Dilution Factor: 0.99

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzo(a)anthracene	118	(61 - 118)			SW846 8270C
	111	(61 - 118)	6.9	(0-20)	SW846 8270C
Acenaphthene	78	(53 - 105)			SW846 8270C
	70	(53 - 105)	11	(0-20)	SW846 8270C
Acenaphthylene	73	(50 - 108)			SW846 8270C
	67	(50 - 108)	8.4	(0-20)	SW846 8270C
Anthracene	76	(62 - 111)			SW846 8270C
	72	(62 - 111)	4.8	(0-20)	SW846 8270C
Benzo(b)fluoranthene	114	(55 - 134)			SW846 8270C
	113	(55 - 134)	0.69	(0-21)	SW846 8270C
Benzo(k)fluoranthene	84	(47 - 124)			SW846 8270C
	72	(47 - 124)	12	(0-30)	SW846 8270C
Benzo(ghi)perylene	64	(38 - 125)			SW846 8270C
	55	(38 - 125)	13	(0-24)	SW846 8270C
Benzo(a)pyrene	87	(60 - 115)			SW846 8270C
	79	(60 - 115)	7.0	(0-20)	SW846 8270C
bis(2-Chloroethoxy) methane	77	(46 - 96)			SW846 8270C
	70	(46 - 96)	9.1	(0-20)	SW846 8270C
bis(2-Chloroethyl)-ether	15 a	(38 - 101)			SW846 8270C
	14 a	(38 - 101)	6.1	(0-58)	SW846 8270C
bis(2-Chloroisopropyl) et	63	(37 - 98)			SW846 8270C
	60	(37 - 98)	4.7	(0-20)	SW846 8270C
bis(2-Ethylhexyl) phthalate	95	(51 - 125)			SW846 8270C
	92	(51 - 125)	2.8	(0-20)	SW846 8270C
4-Bromophenyl phenyl ether	89	(60 - 112)			SW846 8270C
	88	(60 - 112)	1.5	(0-20)	SW846 8270C
Butyl benzyl phthalate	102	(49 - 130)			SW846 8270C
	100	(49 - 130)	3.0	(0-20)	SW846 8270C
Benzyl alcohol	96	(46 - 112)			SW846 8270C
	85	(46 - 112)	13	(0-50)	SW846 8270C
4-Chloro-3-methylphenol	88	(54 - 113)			SW846 8270C
	84	(54 - 113)	5.2	(0-32)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Chloronaphthalene	76	(48 - 100)			SW846 8270C
	68	(48 - 100)	12	(0-20)	SW846 8270C
2-Chlorophenol	64	(44 - 93)			SW846 8270C
	55	(44 - 93)	16	(0-20)	SW846 8270C
4-Chlorophenyl phenyl ether	75	(54 - 112)			SW846 8270C
	70	(54 - 112)	7.0	(0-20)	SW846 8270C
Chrysene	80	(61 - 114)			SW846 8270C
	71	(61 - 114)	7.9	(0-20)	SW846 8270C
Dibenz(a,h)anthracene	72	(43 - 126)			SW846 8270C
	64	(43 - 126)	12	(0-20)	SW846 8270C
Dibenzofuran	80	(56 - 107)			SW846 8270C
	69	(56 - 107)	15	(0-20)	SW846 8270C
Di-n-butyl phthalate	84	(60 - 115)			SW846 8270C
	81	(60 - 115)	3.3	(0-20)	SW846 8270C
1,2-Dichlorobenzene	64	(39 - 97)			SW846 8270C
	62	(39 - 97)	4.0	(0-20)	SW846 8270C
1,3-Dichlorobenzene	60	(42 - 88)			SW846 8270C
	59	(42 - 88)	1.8	(0-49)	SW846 8270C
1,4-Dichlorobenzene	60	(43 - 89)			SW846 8270C
	58	(43 - 89)	3.4	(0-51)	SW846 8270C
Carbazole	79	(58 - 121)			SW846 8270C
	78	(58 - 121)	1.3	(0-34)	SW846 8270C
2,4-Dichlorophenol	83	(49 - 100)			SW846 8270C
	77	(49 - 100)	7.8	(0-21)	SW846 8270C
Diethyl phthalate	74	(57 - 119)			SW846 8270C
	66	(57 - 119)	12	(0-25)	SW846 8270C
2,4-Dimethylphenol	83	(43 - 94)			SW846 8270C
	71	(43 - 94)	16	(0-28)	SW846 8270C
Dimethyl phthalate	74	(49 - 109)			SW846 8270C
	69	(49 - 109)	6.3	(0-27)	SW846 8270C
4,6-Dinitro-2-methylphenol	78	(24 - 130)			SW846 8270C
	77	(24 - 130)	1.6	(0-20)	SW846 8270C
2,4-Dinitrophenol	82	(10 - 124)			SW846 8270C
	76	(10 - 124)	7.3	(0-39)	SW846 8270C
2,4-Dinitrotoluene	82	(52 - 126)			SW846 8270C
	76	(52 - 126)	7.6	(0-27)	SW846 8270C
2,6-Dinitrotoluene	80	(54 - 118)			SW846 8270C
	70	(54 - 118)	14	(0-20)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-octyl phthalate	129	(24 - 162)			SW846 8270C
	132	(24 - 162)	2.3	(0-20)	SW846 8270C
Fluoranthene	65	(58 - 126)			SW846 8270C
	64	(58 - 126)	0.44	(0-20)	SW846 8270C
Fluorene	83	(56 - 112)			SW846 8270C
	70	(56 - 112)	16	(0-20)	SW846 8270C
Hexachlorobenzene	89	(57 - 117)			SW846 8270C
	82	(57 - 117)	8.7	(0-20)	SW846 8270C
Hexachlorobutadiene	64	(43 - 91)			SW846 8270C
	60	(43 - 91)	6.2	(0-20)	SW846 8270C
Hexachlorocyclopenta-diene	17 a	(30 - 97)			SW846 8270C
	5.6 a,p	(30 - 97)	101	(0-31)	SW846 8270C
Hexachloroethane	49	(36 - 89)			SW846 8270C
	40	(36 - 89)	21	(0-23)	SW846 8270C
Indeno(1,2,3-cd)pyrene	75	(41 - 126)			SW846 8270C
	65	(41 - 126)	12	(0-23)	SW846 8270C
Isophorone	77	(47 - 102)			SW846 8270C
	70	(47 - 102)	9.9	(0-20)	SW846 8270C
2-Methylnaphthalene	85	(48 - 100)			SW846 8270C
	78	(48 - 100)	8.1	(0-45)	SW846 8270C
2-Methylphenol	78	(46 - 100)			SW846 8270C
	72	(46 - 100)	8.5	(0-48)	SW846 8270C
4-Methylphenol	69	(46 - 102)			SW846 8270C
	66	(46 - 102)	5.7	(0-23)	SW846 8270C
Naphthalene	70	(42 - 97)			SW846 8270C
	64	(42 - 97)	9.7	(0-24)	SW846 8270C
2-Nitroaniline	86	(54 - 117)			SW846 8270C
	76	(54 - 117)	12	(0-20)	SW846 8270C
4-Nitroaniline	55	(38 - 130)			SW846 8270C
	53	(38 - 130)	4.3	(0-28)	SW846 8270C
Nitrobenzene	64	(42 - 94)			SW846 8270C
	60	(42 - 94)	6.2	(0-36)	SW846 8270C
2-Nitrophenol	72	(45 - 94)			SW846 8270C
	67	(45 - 94)	7.9	(0-20)	SW846 8270C
4-Nitrophenol	98	(40 - 141)			SW846 8270C
	93	(40 - 141)	6.1	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	65	(57 - 106)			SW846 8270C
	69	(57 - 106)	6.5	(0-20)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 **Work Order #...:** JKDNR1CG-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
N-Nitrosodi-n-propyl-amine	55	(41 - 98)			SW846 8270C
	60	(41 - 98)	8.8	(0-68)	SW846 8270C
Pentachlorophenol	69	(46 - 122)			SW846 8270C
	69	(46 - 122)	0.26	(0-20)	SW846 8270C
Phenanthrene	72	(63 - 113)			SW846 8270C
	68	(63 - 113)	3.6	(0-20)	SW846 8270C
Phenol	66	(44 - 98)			SW846 8270C
	55	(44 - 98)	19	(0-20)	SW846 8270C
Pyrene	106	(52 - 126)			SW846 8270C
	95	(52 - 126)	5.9	(0-34)	SW846 8270C
1,2,4-Trichloro-benzene	70	(45 - 90)			SW846 8270C
	64	(45 - 90)	8.1	(0-20)	SW846 8270C
2,4,5-Trichloro-phenol	79	(54 - 114)			SW846 8270C
	70	(54 - 114)	12	(0-24)	SW846 8270C
2,4,6-Trichloro-phenol	79	(51 - 109)			SW846 8270C
	73	(51 - 109)	8.6	(0-21)	SW846 8270C
N-Nitrosodimethylamine	60	(39 - 94)			SW846 8270C
	57	(39 - 94)	4.6	(0-36)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Chlorophenol-d4	69	(37 - 98)
	66	(37 - 98)
1,2-Dichlorobenzene-d4	56	(23 - 103)
	54	(23 - 103)
2-Fluorobiphenyl	63	(43 - 110)
	58	(43 - 110)
2-Fluorophenol	56	(30 - 93)
	57	(30 - 93)
Nitrobenzene-d5	70	(37 - 93)
	66	(37 - 93)
Phenol-d5	66	(41 - 100)
	63	(41 - 100)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G6K270174 Work Order #...: JKDNR1CG-MS Matrix.....: SOLID
MS Lot-Sample #: G6K270174-001 JKDNR1CH-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	123	(40 - 165)
	122	(40 - 165)
2,4,6-Tribromophenol	82	(33 - 125)
	78	(33 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

SOLID, 1613B, Dioxins/Furans

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-001 Work Order #...: JKDNR2AC Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Prep Date.....: 12/18/06 Analysis Date..: 12/20/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	11		pg/g	EPA-5 1613B
Total TCDD	13		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	0.90	pg/g	EPA-5 1613B
Total PeCDD	ND	1.8	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.93	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	2.9	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	2.7	pg/g	EPA-5 1613B
Total HxCDD	23		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	31		pg/g	EPA-5 1613B
Total HpCDD	60		pg/g	EPA-5 1613B
OCDD	240		pg/g	EPA-5 1613B
2,3,7,8-TCDF	21 CON		pg/g	EPA-5 1613B
Total TCDF	110		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	ND	3.2	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	4.9 J		pg/g	EPA-5 1613B
Total PeCDF	97		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	5.4 J		pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	7.1 J,JA		pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	5.9 J		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.46	pg/g	EPA-5 1613B
Total HxCDF	150		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	55		pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	2.6	pg/g	EPA-5 1613B
Total HpCDF	87		pg/g	EPA-5 1613B
OCDF	51		pg/g	EPA-5 1613B

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-001 **Work Order #...:** JKDNR2AC **Matrix.....:** SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	96	(25 - 164)
13C-1,2,3,7,8-PeCDD	112	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	119	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	97	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	81	(23 - 140)
13C-OCDD	107	(17 - 157)
13C-2,3,7,8-TCDF	68	(24 - 169)
13C-1,2,3,7,8-PeCDF	95	(24 - 185)
13C-2,3,4,7,8-PeCDF	114	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	100	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	101	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	100	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	77	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	92	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	125	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	97	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

J Estimated result. Result is less than the reporting limit.

JA The analyte was positively identified, but the quantitation is an estimate.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-002 **Work Order #...:** JKDNX2AN Matrix.....: SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/18/06 **Analysis Date..:** 12/21/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	**13**		**pg/g**	**EPA-5 1613B**
Total TCDD	**14**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDD	ND	0.55	pg/g	EPA-5 1613B
Total PeCDD	ND	1.5	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.34	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.69	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.77	pg/g	EPA-5 1613B
Total HxCDD	ND	1.8	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	**11**		**pg/g**	**EPA-5 1613B**
Total HpCDD	**20**		**pg/g**	**EPA-5 1613B**
OCDD	**95**		**pg/g**	**EPA-5 1613B**
2,3,7,8-TCDF	**1.6 CON**		**pg/g**	**EPA-5 1613B**
Total TCDF	**2.3**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDF	ND	0.26	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	0.29	pg/g	EPA-5 1613B
Total PeCDF	ND	1.4	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	0.61	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	0.38	pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	ND	0.40	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.31	pg/g	EPA-5 1613B
Total HxCDF	ND	2.0	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	**5.1 J**		**pg/g**	**EPA-5 1613B**
1,2,3,4,7,8,9-HpCDF	ND	0.43	pg/g	EPA-5 1613B
Total HpCDF	**11**		**pg/g**	**EPA-5 1613B**
OCDF	**9.5 J**		**pg/g**	**EPA-5 1613B**

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-002 Work Order #...: JKDNX2AN Matrix.....: SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	81	(25 - 164)
13C-1,2,3,7,8-PeCDD	72	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	97	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	88	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	73	(23 - 140)
13C-OCDD	84	(17 - 157)
13C-2,3,7,8-TCDF	70	(24 - 169)
13C-1,2,3,7,8-PeCDF	75	(24 - 185)
13C-2,3,4,7,8-PeCDF	81	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	81	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	85	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	84	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	59	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	79	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	81	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	83	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

J Estimated result. Result is less than the reporting limit.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-003 **Work Order #...:** JKDN12AN **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06
Prep Date.....: 12/18/06 **Analysis Date..:** 12/21/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.82	pg/g	EPA-5 1613B
Total TCDD	ND	0.82	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	1.1	pg/g	EPA-5 1613B
Total PeCDD	ND	1.1	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.78	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.87	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.91	pg/g	EPA-5 1613B
Total HxCDD	ND	2.1	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	ND	4.0	pg/g	EPA-5 1613B
Total HpCDD	**7.6**		**pg/g**	**EPA-5 1613B**
OCDD	**63**		**pg/g**	**EPA-5 1613B**
2,3,7,8-TCDF	ND CON	2.2	pg/g	EPA-5 1613B
Total TCDF	**14**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDF	ND	2.1	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	0.96	pg/g	EPA-5 1613B
Total PeCDF	ND	2.1	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	3.5	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	1.6	pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	ND	0.91	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.60	pg/g	EPA-5 1613B
Total HxCDF	ND	3.5	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	ND	4.9	pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	1.8	pg/g	EPA-5 1613B
Total HpCDF	ND	4.9	pg/g	EPA-5 1613B
OCDF	ND	8.1	pg/g	EPA-5 1613B

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Woonasquatucket River Watershed Council

Client Sample ID: DYER1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-003 **Work Order #...:** JKDN12AN **Matrix.....:** SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 164)
13C-1,2,3,7,8-PeCDD	91	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	91	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	83	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	72	(23 - 140)
13C-OCDD	97	(17 - 157)
13C-2,3,7,8-TCDF	69	(24 - 169)
13C-1,2,3,7,8-PeCDF	88	(24 - 185)
13C-2,3,4,7,8-PeCDF	102	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	82	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	90	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	92	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	65	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	79	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	102	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	89	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN22AN Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Prep Date.....: 12/18/06 Analysis Date..: 12/21/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	130		pg/g	EPA-5 1613B
Total TCDD	140		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	1.8	pg/g	EPA-5 1613B
Total PeCDD	ND	1.9	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	2.0	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	8.5		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	12		pg/g	EPA-5 1613B
Total HxCDD	79		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	180		pg/g	EPA-5 1613B
Total HpCDD	360		pg/g	EPA-5 1613B
OCDD	1500		pg/g	EPA-5 1613B
2,3,7,8-TCDF	6.9 CON,JA		pg/g	EPA-5 1613B
Total TCDF	60		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	4.0 J		pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	4.3 J		pg/g	EPA-5 1613B
Total PeCDF	35		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	9.2		pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	5.2 J		pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	4.3 J		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	1.0	pg/g	EPA-5 1613B
Total HxCDF	88		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	65		pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	4.5 J		pg/g	EPA-5 1613B
Total HpCDF	160		pg/g	EPA-5 1613B
OCDF	180		pg/g	EPA-5 1613B

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN22AN Matrix.....: SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	105	(25 - 164)
13C-1,2,3,7,8-PeCDD	98	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	52	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	31	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	53	(23 - 140)
13C-OCDD	70	(17 - 157)
13C-2,3,7,8-TCDF	64	(24 - 169)
13C-1,2,3,7,8-PeCDF	76	(24 - 185)
13C-2,3,4,7,8-PeCDF	120	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	81	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	79	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	52	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	49	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	67	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	81	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	107	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

JA The analyte was positively identified, but the quantitation is an estimate.

J Estimated result. Result is less than the reporting limit.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-005 Work Order #...: JKDN32AN Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Prep Date.....: 12/18/06 Analysis Date..: 12/21/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	**110**		**pg/g**	**EPA-5 1613B**
Total TCDD	**110**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDD	ND	1.7	pg/g	EPA-5 1613B
Total PeCDD	ND	1.8	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	1.9	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	**8.2 J**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8,9-HxCDD	**7.1 J**		**pg/g**	**EPA-5 1613B**
Total HxCDD	**53**		**pg/g**	**EPA-5 1613B**
1,2,3,4,6,7,8-HpCDD	**160**		**pg/g**	**EPA-5 1613B**
Total HpCDD	**340**		**pg/g**	**EPA-5 1613B**
OCDD	**1500**		**pg/g**	**EPA-5 1613B**
2,3,7,8-TCDF	**8.5 CON**		**pg/g**	**EPA-5 1613B**
Total TCDF	**93**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDF	ND	2.6	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	4.0	pg/g	EPA-5 1613B
Total PeCDF	**39**		**pg/g**	**EPA-5 1613B**
1,2,3,4,7,8-HxCDF	**8.9**		**pg/g**	**EPA-5 1613B**
1,2,3,6,7,8-HxCDF	**5.9 J**		**pg/g**	**EPA-5 1613B**
2,3,4,6,7,8-HxCDF	ND	3.9	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.83	pg/g	EPA-5 1613B
Total HxCDF	**86**		**pg/g**	**EPA-5 1613B**
1,2,3,4,6,7,8-HpCDF	**66**		**pg/g**	**EPA-5 1613B**
1,2,3,4,7,8,9-HpCDF	ND	3.8	pg/g	EPA-5 1613B
Total HpCDF	**120**		**pg/g**	**EPA-5 1613B**
OCDF	**160**		**pg/g**	**EPA-5 1613B**

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-005 **Work Order #...:** JKDN32AN **Matrix.....:** SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	96	(25 - 164)
13C-1,2,3,7,8-PeCDD	95	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	97	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	65	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	61	(23 - 140)
13C-OCDD	76	(17 - 157)
13C-2,3,7,8-TCDF	51	(24 - 169)
13C-1,2,3,7,8-PeCDF	76	(24 - 185)
13C-2,3,4,7,8-PeCDF	114	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	84	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	90	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	79	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	69	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	87	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	107	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	100	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-006 **Work Order #...:** JKDN42AN **Matrix.....:** SOLID
Date Sampled...: 11/21/06 **Date Received..:** 11/22/06
Prep Date.....: 12/18/06 **Analysis Date..:** 12/21/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	**9.1**		**pg/g**	**EPA-5 1613B**
Total TCDD	**9.1**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDD	ND	0.67	pg/g	EPA-5 1613B
Total PeCDD	ND	2.1	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.46	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.49	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.45	pg/g	EPA-5 1613B
Total HxCDD	ND	1.6	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	**11**		**pg/g**	**EPA-5 1613B**
Total HpCDD	**19**		**pg/g**	**EPA-5 1613B**
OCDD	**74**		**pg/g**	**EPA-5 1613B**
2,3,7,8-TCDF	ND CON	1.1	pg/g	EPA-5 1613B
Total TCDF	**1.9**		**pg/g**	**EPA-5 1613B**
1,2,3,7,8-PeCDF	ND	0.30	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	0.30	pg/g	EPA-5 1613B
Total PeCDF	ND	1.8	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	0.46	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	0.39	pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	ND	0.40	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.41	pg/g	EPA-5 1613B
Total HxCDF	ND	1.8	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	**3.8 J,JA**		**pg/g**	**EPA-5 1613B**
1,2,3,4,7,8,9-HpCDF	ND	0.86	pg/g	EPA-5 1613B
Total HpCDF	**8.9**		**pg/g**	**EPA-5 1613B**
OCDF	**8.5 J**		**pg/g**	**EPA-5 1613B**

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Woonasquatucket River Watershed Council

Client Sample ID: PARA2

Trace Level Organic Compounds

Lot-Sample #...: G6K270174-006 Work Order #...: JKDN42AN Matrix.....: SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	88	(25 - 164)
13C-1,2,3,7,8-PeCDD	76	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	93	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	89	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	66	(23 - 140)
13C-OCDD	76	(17 - 157)
13C-2,3,7,8-TCDF	72	(24 - 169)
13C-1,2,3,7,8-PeCDF	76	(24 - 185)
13C-2,3,4,7,8-PeCDF	83	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	92	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	89	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	88	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	59	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	75	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	90	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	88	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

J Estimated result. Result is less than the reporting limit.

JA The analyte was positively identified, but the quantitation is an estimate.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
002	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
003	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
004	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177

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QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
005	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331500	6331293
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
006	SOLID	EPA-5 1613B		6335399	
	SOLID	EPA-5 1613B		6352577	
	SOLID	SW846 8015 MOD		6332452	6332278
	SOLID	ASTM D 2216-90		6331501	6331294
	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 8082		6338297	6338177
	SOLID	SW846 8260B		6339524	6339291
	SOLID	SW846 8270C		6332224	6332121
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 **Work Order #...:** JLP8N1AA **Matrix.....:** SOLID
MB Lot-Sample #: G6L180000-577

Prep Date.....: 12/18/06
Analysis Date..: 12/20/06 **Prep Batch #...:** 6352577
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.11	pg/g	EPA-5 1613B
Total TCDD	ND	0.11	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	0.36	pg/g	EPA-5 1613B
Total PeCDD	ND	2.2	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.18	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.19	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.17	pg/g	EPA-5 1613B
Total HxCDD	ND	0.19	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	ND	0.24	pg/g	EPA-5 1613B
Total HpCDD	ND	0.24	pg/g	EPA-5 1613B
OCDD	ND	0.61	pg/g	EPA-5 1613B
2,3,7,8-TCDF	ND	0.13	pg/g	EPA-5 1613B
Total TCDF	ND	0.13	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	ND	0.16	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	0.17	pg/g	EPA-5 1613B
Total PeCDF	ND	0.23	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	0.12	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	0.12	pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	ND	0.095	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.10	pg/g	EPA-5 1613B
Total HxCDF	ND	0.12	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	ND	0.19	pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	0.22	pg/g	EPA-5 1613B
Total HpCDF	ND	0.22	pg/g	EPA-5 1613B
OCDF	ND	0.22	pg/g	EPA-5 1613B

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METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 **Work Order #...:** JLP8N1AA **Matrix.....:** SOLID

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
	PERCENT	RECOVERY		
INTERNAL STANDARDS	RECOVERY	LIMITS		
13C-2,3,7,8-TCDD	83	(25 - 164)		
13C-1,2,3,7,8-PeCDD	79	(25 - 181)		
13C-1,2,3,4,7,8-HxCDD	92	(32 - 141)		
13C-1,2,3,6,7,8-HxCDD	81	(28 - 130)		
13C-1,2,3,4,6,7,8-HpCDD	75	(23 - 140)		
13C-OCDD	88	(17 - 157)		
13C-2,3,7,8-TCDF	69	(24 - 169)		
13C-1,2,3,7,8-PeCDF	81	(24 - 185)		
13C-2,3,4,7,8-PeCDF	89	(21 - 178)		
13C-1,2,3,6,7,8-HxCDF	68	(26 - 123)		
13C-2,3,4,6,7,8-HxCDF	85	(28 - 136)		
13C-1,2,3,7,8,9-HxCDF	87	(29 - 147)		
13C-1,2,3,4,6,7,8-HpCDF	67	(28 - 143)		
13C-1,2,3,4,7,8,9-HpCDF	78	(26 - 138)		
13C-1,2,3,4,7,8-HxCDF	74	(26 - 152)		
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
37Cl4-2,3,7,8-TCDD	81	(35 - 197)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 Work Order #...: JLP8N1AC Matrix.....: SOLID
LCS Lot-Sample#: G6L180000-577
Prep Date.....: 12/18/06 Analysis Date..: 12/20/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	20.0	18.1	pg/g	91	EPA-5 1613B
1,2,3,7,8-PeCDD	100	109	pg/g	109	EPA-5 1613B
1,2,3,4,7,8-HxCDD	100	94.9	pg/g	95	EPA-5 1613B
1,2,3,6,7,8-HxCDD	100	104	pg/g	104	EPA-5 1613B
1,2,3,7,8,9-HxCDD	100	116	pg/g	116	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	100	102	pg/g	102	EPA-5 1613B
OCDD	200	224	pg/g	112	EPA-5 1613B
2,3,7,8-TCDF	20.0	21.3	pg/g	106	EPA-5 1613B
1,2,3,7,8-PeCDF	100	104	pg/g	104	EPA-5 1613B
2,3,4,7,8-PeCDF	100	98.6	pg/g	99	EPA-5 1613B
1,2,3,4,7,8-HxCDF	100	93.4	pg/g	93	EPA-5 1613B
1,2,3,6,7,8-HxCDF	100	100	pg/g	100	EPA-5 1613B
2,3,4,6,7,8-HxCDF	100	102	pg/g	102	EPA-5 1613B
1,2,3,7,8,9-HxCDF	100	99.8	pg/g	100	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	100	101	pg/g	101	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	100	91.0	pg/g	91	EPA-5 1613B
OCDF	200	206	pg/g	103	EPA-5 1613B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 **Work Order #...:** JLP8N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6L180000-577

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	50	(25 - 164)
13C-1,2,3,7,8-PeCDD	70	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	75	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	76	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	74	(23 - 140)
13C-OCDD	89	(17 - 157)
13C-2,3,7,8-TCDF	42	(24 - 169)
13C-1,2,3,7,8-PeCDF	73	(24 - 185)
13C-2,3,4,7,8-PeCDF	66	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	59	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	74	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	79	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	62	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	73	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	62	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	50	(35 - 197)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 Work Order #...: JLP8N1AC Matrix.....: SOLID
LCS Lot-Sample#: G6L180000-577
Prep Date.....: 12/18/06 Analysis Date..: 12/20/06
Prep Batch #...: 6352577
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	91	(67 - 158)	EPA-5 1613B
1,2,3,7,8-PeCDD	109	(70 - 142)	EPA-5 1613B
1,2,3,4,7,8-HxCDD	95	(70 - 164)	EPA-5 1613B
1,2,3,6,7,8-HxCDD	104	(76 - 134)	EPA-5 1613B
1,2,3,7,8,9-HxCDD	116	(64 - 162)	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	102	(70 - 140)	EPA-5 1613B
OCDD	112	(78 - 144)	EPA-5 1613B
2,3,7,8-TCDF	106	(75 - 158)	EPA-5 1613B
1,2,3,7,8-PeCDF	104	(80 - 134)	EPA-5 1613B
2,3,4,7,8-PeCDF	99	(68 - 160)	EPA-5 1613B
1,2,3,4,7,8-HxCDF	93	(72 - 134)	EPA-5 1613B
1,2,3,6,7,8-HxCDF	100	(84 - 130)	EPA-5 1613B
2,3,4,6,7,8-HxCDF	102	(70 - 156)	EPA-5 1613B
1,2,3,7,8,9-HxCDF	100	(78 - 130)	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	101	(82 - 122)	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	91	(78 - 138)	EPA-5 1613B
OCDF	103	(63 - 170)	EPA-5 1613B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6K270174 **Work Order #...:** JLP8N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6L180000-577

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	50	(25 - 164)
13C-1,2,3,7,8-PeCDD	70	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	75	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	76	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	74	(23 - 140)
13C-OCDD	89	(17 - 157)
13C-2,3,7,8-TCDF	42	(24 - 169)
13C-1,2,3,7,8-PeCDF	73	(24 - 185)
13C-2,3,4,7,8-PeCDF	66	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	59	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	74	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	79	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	62	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	73	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	62	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	50	(35 - 197)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Metals - Various Methods

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

TOTAL Metals

Lot-Sample #...: G6K270174-001 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	ND	0.95	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AH
		Dilution Factor: 1				
Arsenic	8.5	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AJ
		Dilution Factor: 1				
Barium	83.8	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AK
		Dilution Factor: 1				
Beryllium	0.74	0.38	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AL
		Dilution Factor: 1				
Cadmium	0.56	0.38	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AM
		Dilution Factor: 1				
Chromium	134	0.95	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AN
		Dilution Factor: 1				
Copper	112 J	2.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AP
		Dilution Factor: 1				
Manganese	378	0.95	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AQ
		Dilution Factor: 1				
Nickel	11.3	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AR
		Dilution Factor: 1				
Lead	181	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AT
		Dilution Factor: 1				
Antimony	1.1 B	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AU
		Dilution Factor: 1				
Selenium	ND	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AV
		Dilution Factor: 1				
Thallium	1.3 B	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AW
		Dilution Factor: 1				
Vanadium	15.4	0.95	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1AX
		Dilution Factor: 1				

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

TOTAL Metals

Lot-Sample #...: G6K270174-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	177	3.8	mg/kg	SW846 6010B	12/01-12/04/06	JKDNR1A0
		Dilution Factor: 1				
Prep Batch #...: 6338093						
Mercury	0.52	0.076	mg/kg	SW846 7471A	12/04/06	JKDNR1A1
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

TCLP Metals

Lot-Sample #...: G6K270174-001 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	**0.065 B**	**1.0**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNR1A3**
		Dilution Factor: 1				
Barium	**0.49 B**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNR1A4**
		Dilution Factor: 1				
Cadmium	**0.055**	**0.050**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNR1A5**
		Dilution Factor: 1				
Chromium	**0.020 B**	**0.10**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNR1A6**
		Dilution Factor: 1				
Lead	**0.48 B**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNR1A7**
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDNR1A8
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDNR1A9
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDNR1CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

TOTAL Metals

Lot-Sample #...: G6K270174-002 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	ND	0.65	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1AU
		Dilution Factor: 1				
Arsenic	2.4	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1AV
		Dilution Factor: 1				
Barium	21.6	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1AW
		Dilution Factor: 1				
Beryllium	0.25 B	0.26	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1AX
		Dilution Factor: 1				
Cadmium	0.15 B	0.26	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A0
		Dilution Factor: 1				
Chromium	15.6	0.65	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A1
		Dilution Factor: 1				
Copper	17.2 J	1.9	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A2
		Dilution Factor: 1				
Manganese	537	0.65	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A3
		Dilution Factor: 1				
Nickel	6.6	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A4
		Dilution Factor: 1				
Lead	27.8	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A5
		Dilution Factor: 1				
Antimony	ND	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A6
		Dilution Factor: 1				
Selenium	ND	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A7
		Dilution Factor: 1				
Thallium	0.69 B	1.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A8
		Dilution Factor: 1				
Vanadium	4.9	0.65	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1A9
		Dilution Factor: 1				

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Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

TOTAL Metals

Lot-Sample #...: G6K270174-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	61.4	2.6	mg/kg	SW846 6010B	12/01-12/04/06	JKDNX1AA
		Dilution Factor: 1				
Prep Batch #...: 6338093						
Mercury	0.023 B	0.052	mg/kg	SW846 7471A	12/04/06	JKDNX1AC
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

TCLP Metals

Lot-Sample #...: G6K270174-002 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	ND	1.0	mg/L	SW846 6010B	12/04-12/07/06	JKDNX1AE
		Dilution Factor: 1				
Barium	**0.77**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNX1AF**
		Dilution Factor: 1				
Cadmium	**0.0022 B**	**0.050**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNX1AG**
		Dilution Factor: 1				
Chromium	**0.0037 B**	**0.10**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNX1AH**
		Dilution Factor: 1				
Lead	**0.0094 B**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDNX1AJ**
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDNX1AK
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDNX1AL
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDNX1CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

TOTAL Metals

Lot-Sample #...: G6K270174-003 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	ND	1.1	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11AU
		Dilution Factor: 1				
Arsenic	10.1	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11AV
		Dilution Factor: 1				
Barium	76.2	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11AW
		Dilution Factor: 1				
Beryllium	1.1	0.44	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11AX
		Dilution Factor: 1				
Cadmium	1.4	0.44	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A0
		Dilution Factor: 1				
Chromium	720	1.1	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A1
		Dilution Factor: 1				
Copper	220 J	3.3	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A2
		Dilution Factor: 1				
Manganese	341	1.1	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A3
		Dilution Factor: 1				
Nickel	13.6	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A4
		Dilution Factor: 1				
Lead	143	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A5
		Dilution Factor: 1				
Antimony	2.5	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A6
		Dilution Factor: 1				
Selenium	ND	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A7
		Dilution Factor: 1				
Thallium	ND	2.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A8
		Dilution Factor: 1				
Vanadium	20.3	1.1	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11A9
		Dilution Factor: 1				

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Woonasquatucket River Watershed Council

Client Sample ID: DYER1

TOTAL Metals

Lot-Sample #...: G6K270174-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	195	4.4	mg/kg	SW846 6010B	12/01-12/04/06	JKDN11AA
		Dilution Factor: 1				
Prep Batch #...: 6338093						
Mercury	1.3	0.089	mg/kg	SW846 7471A	12/04/06	JKDN11AC
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

TCLP Metals

Lot-Sample #...: G6K270174-003 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	**0.055 B**	**1.0**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN11AE**
		Dilution Factor: 1				
Barium	**0.81**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN11AF**
		Dilution Factor: 1				
Cadmium	**0.0073 B**	**0.050**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN11AG**
		Dilution Factor: 1				
Chromium	**0.037 B**	**0.10**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN11AH**
		Dilution Factor: 1				
Lead	**0.15 B**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN11AJ**
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDN11AK
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDN11AL
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDN11CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

TOTAL Metals

Lot-Sample #...: G6K270174-004 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	0.95	0.40	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21AU
		Dilution Factor: 0.51				
Arsenic	3.0	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21AV
		Dilution Factor: 0.51				
Barium	38.5	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21AW
		Dilution Factor: 0.51				
Beryllium	0.35	0.16	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21AX
		Dilution Factor: 0.51				
Cadmium	0.55	0.16	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A0
		Dilution Factor: 0.51				
Chromium	31.1	0.40	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A1
		Dilution Factor: 0.51				
Copper	65.6 J	1.2	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A2
		Dilution Factor: 0.51				
Manganese	126	0.40	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A3
		Dilution Factor: 0.51				
Nickel	28.0	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A4
		Dilution Factor: 0.51				
Lead	300	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A5
		Dilution Factor: 0.51				
Antimony	1.2	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A6
		Dilution Factor: 0.51				
Selenium	ND	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A7
		Dilution Factor: 0.51				
Thallium	ND	0.80	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A8
		Dilution Factor: 0.51				
Vanadium	12.8	0.40	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21A9
		Dilution Factor: 0.51				

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1

TOTAL Metals

Lot-Sample #...: G6K270174-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	149	1.6	mg/kg	SW846 6010B	12/01-12/04/06	JKDN21AA
		Dilution Factor: 0.51				
Prep Batch #...: 6338093						
Mercury	0.17	0.063	mg/kg	SW846 7471A	12/04/06	JKDN21AC
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

TCLP Metals

Lot-Sample #...: G6K270174-004 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	0.030 B	1.0	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AE
		Dilution Factor: 1				
Barium	1.0	0.50	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AF
		Dilution Factor: 1				
Cadmium	0.0077 B	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AG
		Dilution Factor: 1				
Chromium	0.0085 B	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AH
		Dilution Factor: 1				
Lead	1.5	0.50	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AJ
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AK
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDN21AL
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDN21CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

TOTAL Metals

Lot-Sample #...: G6K270174-005 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	0.87	0.51	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31AU
		Dilution Factor: 0.61				
Arsenic	3.5	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31AV
		Dilution Factor: 0.61				
Barium	46.3	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31AW
		Dilution Factor: 0.61				
Beryllium	0.48	0.20	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31AX
		Dilution Factor: 0.61				
Cadmium	0.58	0.20	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A0
		Dilution Factor: 0.61				
Chromium	34.8	0.51	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A1
		Dilution Factor: 0.61				
Copper	61.0 J	1.5	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A2
		Dilution Factor: 0.61				
Manganese	146	0.51	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A3
		Dilution Factor: 0.61				
Nickel	28.6	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A4
		Dilution Factor: 0.61				
Lead	253	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A5
		Dilution Factor: 0.61				
Antimony	0.77 B	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A6
		Dilution Factor: 0.61				
Selenium	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A7
		Dilution Factor: 0.61				
Thallium	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A8
		Dilution Factor: 0.61				
Vanadium	15.7	0.51	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31A9
		Dilution Factor: 0.61				

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Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

TOTAL Metals

Lot-Sample #...: G6K270174-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	147	2.0	mg/kg	SW846 6010B	12/01-12/04/06	JKDN31AA
		Dilution Factor: 0.61				
Prep Batch #...: 6338093						
Mercury	0.21	0.066	mg/kg	SW846 7471A	12/04/06	JKDN31AC
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

TCLP Metals

Lot-Sample #...: G6K270174-005 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	**0.028 B**	**1.0**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN31AE**
		Dilution Factor: 1				
Barium	**1.0**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN31AF**
		Dilution Factor: 1				
Cadmium	**0.069**	**0.050**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN31AG**
		Dilution Factor: 1				
Chromium	**0.0098 B**	**0.10**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN31AH**
		Dilution Factor: 1				
Lead	**1.5**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN31AJ**
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDN31AK
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDN31AL
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDN31CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

TOTAL Metals

Lot-Sample #...: G6K270174-006 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335277						
Silver	ND	0.35	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41AU
		Dilution Factor: 0.59				
Arsenic	2.3	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41AV
		Dilution Factor: 0.59				
Barium	10.2	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41AW
		Dilution Factor: 0.59				
Beryllium	0.21	0.14	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41AX
		Dilution Factor: 0.59				
Cadmium	0.11 B	0.14	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A0
		Dilution Factor: 0.59				
Chromium	5.8	0.35	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A1
		Dilution Factor: 0.59				
Copper	10.0 J	1.1	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A2
		Dilution Factor: 0.59				
Manganese	123	0.35	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A3
		Dilution Factor: 0.59				
Nickel	5.9	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A4
		Dilution Factor: 0.59				
Lead	29.9	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A5
		Dilution Factor: 0.59				
Antimony	ND	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A6
		Dilution Factor: 0.59				
Selenium	ND	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A7
		Dilution Factor: 0.59				
Thallium	ND	0.71	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A8
		Dilution Factor: 0.59				
Vanadium	3.0	0.35	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41A9
		Dilution Factor: 0.59				

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Woonasquatucket River Watershed Council

Client Sample ID: PARA2

TOTAL Metals

Lot-Sample #...: G6K270174-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	41.5	1.4	mg/kg	SW846 6010B	12/01-12/04/06	JKDN41AA
		Dilution Factor: 0.59				
Prep Batch #...: 6338093						
Mercury	0.049	0.047	mg/kg	SW846 7471A	12/04/06	JKDN41AC
		Dilution Factor: 1				

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

TCLP Metals

Lot-Sample #...: G6K270174-006 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06
Leach Date.....: 11/30/06 Leach Batch #..: P633408

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6338199						
Arsenic	**0.025 B**	**1.0**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN41AE**
		Dilution Factor: 1				
Barium	**0.84**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN41AF**
		Dilution Factor: 1				
Cadmium	**0.0032 B**	**0.050**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN41AG**
		Dilution Factor: 1				
Chromium	**0.0066 B**	**0.10**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN41AH**
		Dilution Factor: 1				
Lead	**0.21 B**	**0.50**	**mg/L**	**SW846 6010B**	**12/04-12/07/06**	**JKDN41AJ**
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKDN41AK
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKDN41AL
		Dilution Factor: 1				
Prep Batch #...: 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKDN41CA
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

G6K270174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
002	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
003	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
004	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
005	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114
006	SOLID	SW846 7471A		6338093	6338064
	SOLID	SW846 7471A	P633509	6339076	6339058
	SOLID	SW846 6010B		6335277	6335141
	SOLID	SW846 6010B	P633408	6338199	6338114

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G6L010000-277 **Prep Batch #...:** 6335277						
Antimony	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AM
		Dilution Factor: 1				
Arsenic	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AC
		Dilution Factor: 1				
Barium	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AD
		Dilution Factor: 1				
Beryllium	ND	0.20	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AE
		Dilution Factor: 1				
Cadmium	ND	0.20	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AF
		Dilution Factor: 1				
Chromium	ND	0.50	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AG
		Dilution Factor: 1				
Copper	**0.58 B**	**1.5**	**mg/kg**	**SW846 6010B**	**12/01-12/04/06**	**JKMK51AH**
		Dilution Factor: 1				
Lead	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AL
		Dilution Factor: 1				
Manganese	ND	0.50	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AJ
		Dilution Factor: 1				
Nickel	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AK
		Dilution Factor: 1				
Selenium	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AN
		Dilution Factor: 1				
Silver	ND	0.50	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AA
		Dilution Factor: 1				
Thallium	ND	1.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AP
		Dilution Factor: 1				
Vanadium	ND	0.50	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AQ
		Dilution Factor: 1				
Zinc	ND	2.0	mg/kg	SW846 6010B	12/01-12/04/06	JKMK51AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: G6K270174 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G6L040000-093 **Prep Batch #...:** 6338093						
Mercury	ND	0.040	mg/kg	SW846 7471A	12/04/06	JKP2L1AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G6L040000-199 **Prep Batch #...:** 6338199						
Arsenic	ND	1.0	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AA
		Dilution Factor: 1				
Barium	ND	0.50	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AC
		Dilution Factor: 1				
Cadmium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AD
		Dilution Factor: 1				
Chromium	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AE
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AF
		Dilution Factor: 1				
Selenium	ND	0.050	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AG
		Dilution Factor: 1				
Silver	ND	0.10	mg/L	SW846 6010B	12/04-12/07/06	JKP9D1AH
		Dilution Factor: 1				
MB Lot-Sample #: G6L050000-076 **Prep Batch #...:** 6339076						
Mercury	ND	0.0020	mg/L	SW846 7471A	12/05/06	JKRFQ1AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6L010000-277 **Prep Batch #...:** 6335277							
Silver	5.00	5.51	mg/kg	110	SW846 6010B	12/01-12/07/06	JKMK51AT
			Dilution Factor: 1				
Arsenic	200	188	mg/kg	94	SW846 6010B	12/01-12/07/06	JKMK51AU
			Dilution Factor: 1				
Barium	200	192	mg/kg	96	SW846 6010B	12/01-12/07/06	JKMK51AV
			Dilution Factor: 1				
Beryllium	5.00	5.09	mg/kg	102	SW846 6010B	12/01-12/04/06	JKMK51AW
			Dilution Factor: 1				
Cadmium	5.00	4.83	mg/kg	97	SW846 6010B	12/01-12/04/06	JKMK51AX
			Dilution Factor: 1				
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	12/01-12/07/06	JKMK51A0
			Dilution Factor: 1				
Copper	25.0	24.5	mg/kg	98	SW846 6010B	12/01-12/07/06	JKMK51A1
			Dilution Factor: 1				
Manganese	50.0	48.4	mg/kg	97	SW846 6010B	12/01-12/07/06	JKMK51A2
			Dilution Factor: 1				
Nickel	50.0	45.6	mg/kg	91	SW846 6010B	12/01-12/07/06	JKMK51A3
			Dilution Factor: 1				
Lead	50.0	49.8	mg/kg	100	SW846 6010B	12/01-12/07/06	JKMK51A4
			Dilution Factor: 1				
Antimony	50.0	47.0	mg/kg	94	SW846 6010B	12/01-12/07/06	JKMK51A5
			Dilution Factor: 1				
Selenium	200	177	mg/kg	89	SW846 6010B	12/01-12/07/06	JKMK51A6
			Dilution Factor: 1				
Thallium	200	183	mg/kg	92	SW846 6010B	12/01-12/07/06	JKMK51A7
			Dilution Factor: 1				
Vanadium	50.0	52.2	mg/kg	104	SW846 6010B	12/01-12/04/06	JKMK51A8
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	50.0	50.8	mg/kg	102	SW846 6010B	12/01-12/07/06	JKMK51A9

Dilution Factor: 1

LCS Lot-Sample#: G6L040000-093 **Prep Batch #...:** 6338093

Mercury	0.0833	0.0833	mg/kg	100	SW846 7471A	12/04/06	JKP2L1AC

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6L010000-277 **Prep Batch #...:** 6335277					
Silver	110	(79 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51AT
Arsenic	94	(79 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51AU
Barium	96	(84 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51AV
Beryllium	102	(82 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/04/06	JKMK51AW
Cadmium	97	(80 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/04/06	JKMK51AX
Chromium	99	(84 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A0
Copper	98	(81 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A1
Manganese	97	(84 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A2
Nickel	91	(83 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A3
Lead	100	(81 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A4
Antimony	94	(75 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A5
Selenium	89	(78 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A6
Thallium	92	(86 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/07/06	JKMK51A7
Vanadium	104	(85 - 110)	SW846 6010B Dilution Factor: 1	12/01-12/04/06	JKMK51A8

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	102	(81 - 110)	SW846 6010B	12/01-12/07/06	JKMK51A9
		Dilution Factor: 1			

LCS Lot-Sample#: G6L040000-093 **Prep Batch #...:** 6338093

Mercury	100	(80 - 122)	SW846 7471A	12/04/06	JKP2L1AC
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: G6K270174 Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6L040000-199 **Prep Batch #...:** 6338199							
Arsenic	10.0	10.2	mg/L	102	SW846 6010B	12/04-12/07/06	JKP9D1AJ
			Dilution Factor: 1				
Barium	10.0	10.1	mg/L	101	SW846 6010B	12/04-12/07/06	JKP9D1AK
			Dilution Factor: 1				
Cadmium	0.250	0.243	mg/L	97	SW846 6010B	12/04-12/07/06	JKP9D1AL
			Dilution Factor: 1				
Chromium	1.00	1.02	mg/L	102	SW846 6010B	12/04-12/07/06	JKP9D1AM
			Dilution Factor: 1				
Lead	2.50	2.49	mg/L	100	SW846 6010B	12/04-12/07/06	JKP9D1AN
			Dilution Factor: 1				
Selenium	10.0	9.85	mg/L	99	SW846 6010B	12/04-12/07/06	JKP9D1AP
			Dilution Factor: 1				
Silver	0.250	0.285	mg/L	114	SW846 6010B	12/04-12/07/06	JKP9D1AQ
			Dilution Factor: 1				
LCS Lot-Sample#: G6L050000-076 **Prep Batch #...:** 6339076							
Mercury	0.00500	0.00408	mg/L	82	SW846 7471A	12/05/06	JKRFQ1AC
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6L040000-199 **Prep Batch #...:** 6338199					
Arsenic	102	(90 - 114)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AJ
Barium	101	(90 - 112)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AK
Cadmium	97	(88 - 110)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AL
Chromium	102	(84 - 114)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AM
Lead	100	(86 - 111)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AN
Selenium	99	(89 - 110)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AP
Silver	114	(82 - 121)	SW846 6010B Dilution Factor: 1	12/04-12/07/06	JKP9D1AQ
LCS Lot-Sample#: G6L050000-076 **Prep Batch #...:** 6339076					
Mercury	82	(78 - 122)	SW846 7471A Dilution Factor: 1	12/05/06	JKRFQ1AC

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6335277									
Antimony									
	1.1	91.6	65.8 N	mg/kg	71		SW846 6010B	12/01-12/04/06	JKDNR1C7
	1.1	92.5	66.2 N	mg/kg	70	0.58	SW846 6010B	12/01-12/04/06	JKDNR1C8
			Dilution Factor: 1						
Arsenic									
	8.5	366	335	mg/kg	89		SW846 6010B	12/01-12/04/06	JKDNR1CL
	8.5	370	343	mg/kg	90	2.2	SW846 6010B	12/01-12/04/06	JKDNR1CM
			Dilution Factor: 1						
Barium									
	83.8	366	423	mg/kg	93		SW846 6010B	12/01-12/04/06	JKDNR1CN
	83.8	370	429	mg/kg	93	1.4	SW846 6010B	12/01-12/04/06	JKDNR1CP
			Dilution Factor: 1						
Beryllium									
	0.74	9.16	9.29	mg/kg	93		SW846 6010B	12/01-12/04/06	JKDNR1CQ
	0.74	9.25	9.42	mg/kg	94	1.4	SW846 6010B	12/01-12/04/06	JKDNR1CR
			Dilution Factor: 1						
Cadmium									
	0.56	9.16	8.60	mg/kg	88		SW846 6010B	12/01-12/04/06	JKDNR1CT
	0.56	9.25	8.77	mg/kg	89	1.9	SW846 6010B	12/01-12/04/06	JKDNR1CU
			Dilution Factor: 1						
Chromium									
	134	36.6	157 N	mg/kg	64		SW846 6010B	12/01-12/04/06	JKDNR1CV
	134	37.0	164 N	mg/kg	80	3.9	SW846 6010B	12/01-12/04/06	JKDNR1CW
			Dilution Factor: 1						
Copper									
	112	45.8	112 N	mg/kg	0.0		SW846 6010B	12/01-12/04/06	JKDNR1CX
	112	46.2	112 N	mg/kg	0.0	0.0	SW846 6010B	12/01-12/04/06	JKDNR1C0
			Dilution Factor: 1						
Lead									
	181	91.6	291 N	mg/kg	120		SW846 6010B	12/01-12/04/06	JKDNR1C5
	181	92.5	301 N	mg/kg	130	3.4	SW846 6010B	12/01-12/04/06	JKDNR1C6
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	378	91.6	455	mg/kg			SW846 6010B	12/01-12/04/06	JKDNR1C1
			Qualifiers: NC,MSB						
	378	92.5	483	mg/kg			SW846 6010B	12/01-12/04/06	JKDNR1C2
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Nickel									
	11.3	91.6	95.2	mg/kg	92		SW846 6010B	12/01-12/04/06	JKDNR1C3
	11.3	92.5	97.1	mg/kg	93	1.9	SW846 6010B	12/01-12/04/06	JKDNR1C4
			Dilution Factor: 1						
Selenium									
	ND	366	312	mg/kg	85		SW846 6010B	12/01-12/04/06	JKDNR1C9
	ND	370	318	mg/kg	86	1.9	SW846 6010B	12/01-12/04/06	JKDNR1DA
			Dilution Factor: 1						
Silver									
	ND	9.16	9.60	mg/kg	104		SW846 6010B	12/01-12/04/06	JKDNR1CJ
	ND	9.25	9.78	mg/kg	105	1.8	SW846 6010B	12/01-12/04/06	JKDNR1CK
			Dilution Factor: 1						
Thallium									
	1.3	366	334	mg/kg	91		SW846 6010B	12/01-12/04/06	JKDNR1DC
	1.3	370	340	mg/kg	92	1.7	SW846 6010B	12/01-12/04/06	JKDNR1DD
			Dilution Factor: 1						
Vanadium									
	15.4	91.6	104	mg/kg	97		SW846 6010B	12/01-12/04/06	JKDNR1DE
	15.4	92.5	105	mg/kg	97	1.2	SW846 6010B	12/01-12/04/06	JKDNR1DF
			Dilution Factor: 1						
Zinc									
	177	91.6	291 N	mg/kg	125		SW846 6010B	12/01-12/04/06	JKDNR1DG
	177	92.5	286 N	mg/kg	118	1.7	SW846 6010B	12/01-12/04/06	JKDNR1DH
			Dilution Factor: 1						

MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6338093

Mercury									
	0.52	0.476	0.948	mg/kg	89		SW846 7471A	12/04/06	JKDNR1DJ
	0.52	0.476	1.01	mg/kg	102	6.2	SW846 7471A	12/04/06	JKDNR1DK
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6K270174 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6335277							
Antimony	71 N	(75 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1C7
	70 N	(75 - 110)	0.58	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1C8
		Dilution Factor: 1					
Arsenic	89	(79 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CL
	90	(79 - 110)	2.2	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CM
		Dilution Factor: 1					
Barium	93	(84 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CN
	93	(84 - 110)	1.4	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CP
		Dilution Factor: 1					
Beryllium	93	(82 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CQ
	94	(82 - 110)	1.4	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CR
		Dilution Factor: 1					
Cadmium	88	(80 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CT
	89	(80 - 110)	1.9	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CU
		Dilution Factor: 1					
Chromium	64 N	(84 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CV
	80 N	(84 - 110)	3.9	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CW
		Dilution Factor: 1					
Copper	0.0 N	(81 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CX
	0.0 N	(81 - 110)	0.0	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1C0
		Dilution Factor: 1					
Lead	120 N	(81 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1C5
	130 N	(81 - 110)	3.4	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1C6
		Dilution Factor: 1					
Manganese	NC,MSB	(84 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1C1
	NC,MSB	(84 - 110)		(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1C2
		Dilution Factor: 1					
Nickel	92	(83 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1C3
	93	(83 - 110)	1.9	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1C4
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	85	(78 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1C9
	86	(78 - 110)	1.9	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1DA
		Dilution Factor: 1					
Silver	104	(79 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1CJ
	105	(79 - 110)	1.8	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1CK
		Dilution Factor: 1					
Thallium	91	(86 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1DC
	92	(86 - 110)	1.7	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1DD
		Dilution Factor: 1					
Vanadium	97	(85 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1DE
	97	(85 - 110)	1.2	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1DF
		Dilution Factor: 1					
Zinc	125 N	(81 - 110)			SW846 6010B	12/01-12/04/06	JKDNR1DG
	118 N	(81 - 110)	1.7	(0-35)	SW846 6010B	12/01-12/04/06	JKDNR1DH
		Dilution Factor: 1					

MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6338093

Mercury	89	(80 - 122)			SW846 7471A	12/04/06	JKDNR1DJ
	102	(80 - 122)	6.2	(0-17)	SW846 7471A	12/04/06	JKDNR1DK
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6338199									
Leach Date.....: 11/30/06 **Leach Batch #..:** P633408									
Arsenic									
	0.065	10.0	10.2	mg/L	102		SW846 6010B	12/04-12/07/06	JKDNR1DL
	0.065	10.0	9.97	mg/L	99	2.4	SW846 6010B	12/04-12/07/06	JKDNR1DM
			Dilution Factor: 1						
Barium									
	0.49	10.0	10.6	mg/L	101		SW846 6010B	12/04-12/07/06	JKDNR1DN
	0.49	10.0	10.4	mg/L	100	1.0	SW846 6010B	12/04-12/07/06	JKDNR1DP
			Dilution Factor: 1						
Cadmium									
	0.055	0.250	0.299	mg/L	98		SW846 6010B	12/04-12/07/06	JKDNR1DQ
	0.055	0.250	0.291	mg/L	95	2.4	SW846 6010B	12/04-12/07/06	JKDNR1DR
			Dilution Factor: 1						
Chromium									
	0.020	1.00	1.04	mg/L	102		SW846 6010B	12/04-12/07/06	JKDNR1DT
	0.020	1.00	1.01	mg/L	99	2.5	SW846 6010B	12/04-12/07/06	JKDNR1DU
			Dilution Factor: 1						
Lead									
	0.48	2.50	2.99	mg/L	100		SW846 6010B	12/04-12/07/06	JKDNR1DV
	0.48	2.50	2.93	mg/L	98	2.1	SW846 6010B	12/04-12/07/06	JKDNR1DW
			Dilution Factor: 1						
Selenium									
	ND	10.0	9.86	mg/L	99		SW846 6010B	12/04-12/07/06	JKDNR1DX
	ND	10.0	9.63	mg/L	96	2.4	SW846 6010B	12/04-12/07/06	JKDNR1D0
			Dilution Factor: 1						
Silver									
	ND	0.250	0.283	mg/L	113		SW846 6010B	12/04-12/07/06	JKDNR1D1
	ND	0.250	0.278	mg/L	111	1.8	SW846 6010B	12/04-12/07/06	JKDNR1D2
			Dilution Factor: 1						
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6339076									
Leach Date.....: 12/01/06 **Leach Batch #..:** P633509									
Mercury									
	ND	0.00500	0.00380	mg/L	76		SW846 7471A	12/05/06	JKDNR1D3
			Qualifiers: N						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
	ND	0.00500	0.00415	mg/L	83	8.8	SW846 7471A	12/05/06	JKDNR1D4

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: G6K270174 **Matrix.....:** SOLID
Date Sampled...: 11/20/06 **Date Received..:** 11/22/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6338199							
Leach Date.....: 11/30/06 **Leach Batch #..:** P633408							
Arsenic	102	(90 - 114)			SW846 6010B	12/04-12/07/06	JKDNR1DL
	99	(90 - 114)	2.4	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1DM
		Dilution Factor: 1					
Barium	101	(90 - 112)			SW846 6010B	12/04-12/07/06	JKDNR1DN
	100	(90 - 112)	1.0	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1DP
		Dilution Factor: 1					
Cadmium	98	(88 - 110)			SW846 6010B	12/04-12/07/06	JKDNR1DQ
	95	(88 - 110)	2.4	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1DR
		Dilution Factor: 1					
Chromium	102	(84 - 114)			SW846 6010B	12/04-12/07/06	JKDNR1DT
	99	(84 - 114)	2.5	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1DU
		Dilution Factor: 1					
Lead	100	(86 - 111)			SW846 6010B	12/04-12/07/06	JKDNR1DV
	98	(86 - 111)	2.1	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1DW
		Dilution Factor: 1					
Selenium	99	(89 - 110)			SW846 6010B	12/04-12/07/06	JKDNR1DX
	96	(89 - 110)	2.4	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1D0
		Dilution Factor: 1					
Silver	113	(82 - 121)			SW846 6010B	12/04-12/07/06	JKDNR1D1
	111	(82 - 121)	1.8	(0-20)	SW846 6010B	12/04-12/07/06	JKDNR1D2
		Dilution Factor: 1					
MS Lot-Sample #: G6K270174-001 **Prep Batch #...:** 6339076							
Leach Date.....: 12/01/06 **Leach Batch #..:** P633509							
Mercury	76 N	(78 - 122)			SW846 7471A	12/05/06	JKDNR1D3
	83	(78 - 122)	8.8	(0-19)	SW846 7471A	12/05/06	JKDNR1D4
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

SOLID, Percent Moisture

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN1

General Chemistry

Lot-Sample #...: G6K270174-001 Work Order #...: JKDNR Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	47.5		%	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

Woonasquatucket River Watershed Council

Client Sample ID: ATLAN2

General Chemistry

Lot-Sample #...: G6K270174-002 Work Order #...: JKDNX Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	22.9		%	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

Woonasquatucket River Watershed Council

Client Sample ID: DYER1

General Chemistry

Lot-Sample #...: G6K270174-003 Work Order #...: JKDN1 Matrix.....: SOLID
Date Sampled...: 11/20/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	55.0		%	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

Woonasquatucket River Watershed Council

Client Sample ID: PARA1

General Chemistry

Lot-Sample #...: G6K270174-004 Work Order #...: JKDN2 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	36.0		%	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

Woonasquatucket River Watershed Council

Client Sample ID: PARA1D

General Chemistry

Lot-Sample #...: G6K270174-005 Work Order #...: JKDN3 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	39.6		%	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

Woonasquatucket River Watershed Council

Client Sample ID: PARA2

General Chemistry

Lot-Sample #...: G6K270174-006 Work Order #...: JKDN4 Matrix.....: SOLID
Date Sampled...: 11/21/06 Date Received..: 11/22/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	15.5		%	ASTM D 2216-90	11/27-11/29/06	6331501

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: G6K270174 **Work Order #...:** JJ148-SMP JJ148-DUP **Matrix.....:** SOLID

Date Sampled...: 11/16/06 **Date Received..:** 11/17/06

% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	G6K170397-006	
	16.0	17.1	%	6.3	(0-10)	ASTM D 2216-90	11/27-11/29/06	6331500

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: G6K270174 **Work Order #...:** JKDN4-SMP JKDN4-DUP **Matrix.....:** SOLID

Date Sampled...: 11/21/06 **Date Received..:** 11/22/06

% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	G6K270174-006	
	15.5	17.2	%	10	(0-10)	ASTM D 2216-90	11/27-11/29/06	6331501

Dilution Factor: 1

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: 6K270174

Case Narrative 1
Chain of Custody 2
Sample Data Summary Package - Geotechnical 4
Sample Handling 11
Last Page of this Document 14

SEVERN TRENT STL

Case Narrative

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

December 7, 2006

Ms. Jill Kellmann
Severn Trent Laboratories
880 Riverside Parkway
West Sacramento, CA 95605

Re: Laboratory Project No. 26003
Case: WOONRIV; SDG: 6K270174

Dear Ms. Kellmann:

Enclosed are the analytical results for the samples that were received by STL Burlington on November 28th, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 11/28/06 ETR No: 117647		
692467	ATLAN1	11/20/06	SEDIMENT
692468	ATLAN2	11/20/06	SEDIMENT
692469	DYER1	11/20/06	SEDIMENT
692470	PARA1	11/21/06	SEDIMENT
692471	PARA1D	11/21/06	SEDIMENT
692472	PARA2	11/21/06	SEDIMENT

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for particle size, sieve only, by ASTM D422. There were no exceptions to the method quality control criteria during the analyses of these samples.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Kristine Dusablon

Kristine A. Dusablon
Project Manager

Enclosure

SEVERN TRENT STL

Chain of Custody

G6K270174

[redacted]

Chain of Custody Record

SEVERN TRENT **STL**®

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: STL Sacramento	Project Manager: Jill Kellmann	Date: 11-27-06	Chain of Custody Number: 295493
Address: 880 Riverside Pkwy	Telephone Number (Area Code)/Fax Number: (916) 374-4402	Lab Number:	Page 1 of 1
City: W. Sacramento; State: CA; Zip Code: 95605	Site Contact:	Lab Contact:	
Project Name and Location (State): G6K270174	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): ASTM D422 (not Particle Size)	Special Instructions/ Conditions of Receipt
ATLAN1	11/20/06	1350			X								X	
ATLAN2	11/20/06	1510			X								X	
DYER1	11/20/06	1610			X								X	
PARA1	11/21/06	0925			X								X	
PARA1D	11/21/06	0925			X								X	
PARA2	11/21/06	1045			X								X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 5WD

QC Requirements (Specify):

1. Relinquished By: Jill Kellmann	Date: 11/27/06	Time: 1600	1. Received By: Melissa Hoersch	Date: 11-28-06	Time: 0945
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

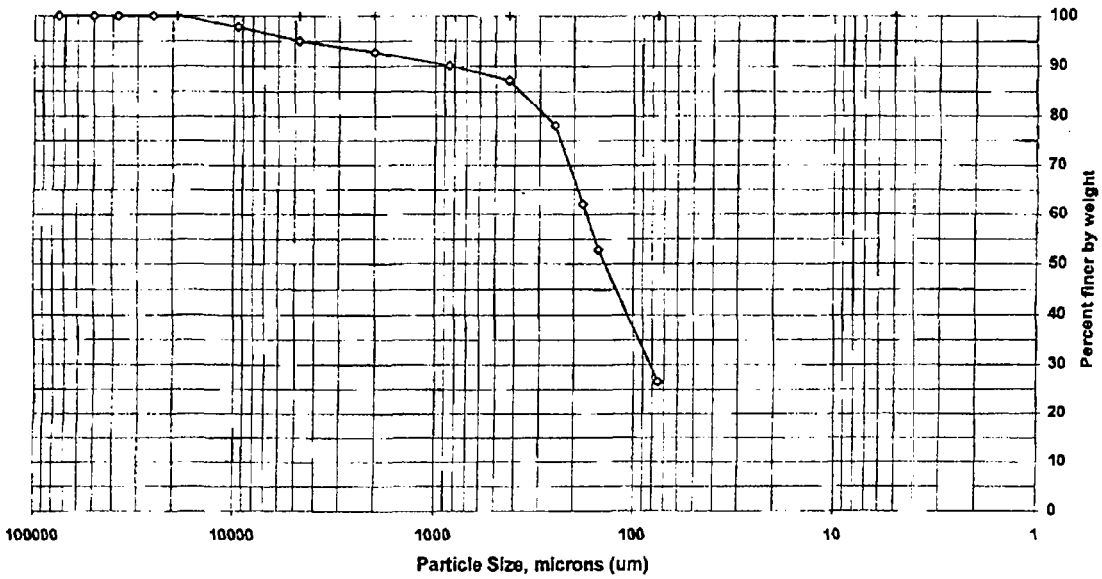
SEVERN TRENT STL

Sample Data Summary Package - Geotechnical

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	ATLAN1	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692467			**End Date:**	12/5/2006

Percent Solids:	54.4%	**Non-soil material:**	wood,leaves
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	97.9	2.1
#4	4750	95.0	2.8
#10	2000	92.8	2.2
#20	850	90.2	2.6
#40	425	87.2	3.0
#60	250	78.1	9.0
#80	180	62.1	16.0
#100	150	52.9	9.2
#200	75	26.6	26.3

Soil Classification	Percent of Total Sample
Gravel	5.0
Sand	68.4
Coarse Sand	2.2
Medium Sand	5.6
Fine Sand	60.5
Fines	26.6

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

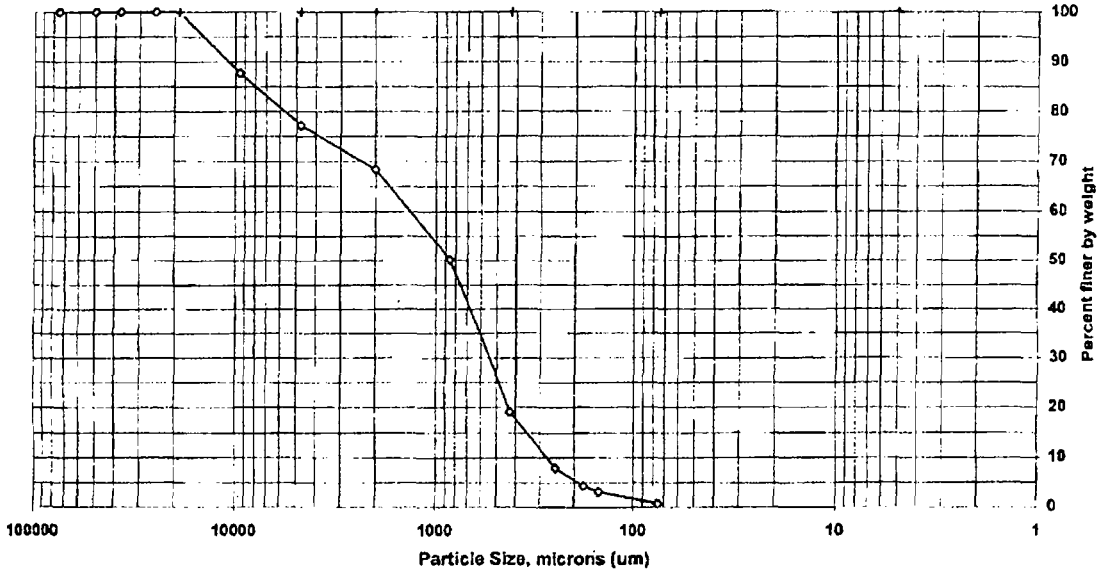
FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	ATLAN2	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692468			**End Date:**	12/5/2006

Percent Solids:	78.9%	**Non-soil material:**	plant,glass
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	87.7	12.3
#4	4750	77.3	10.5
#10	2000	68.5	8.8
#20	850	50.3	18.2
#40	425	19.2	31.1
#60	250	8.0	11.2
#80	180	4.4	3.6
#100	150	3.1	1.3
#200	75	0.8	2.4

Soil Classification	Percent of Total Sample
Gravel	22.7
Sand	76.5
Coarse Sand	8.8
Medium Sand	49.3
Fine Sand	18.4
Fines	0.8

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

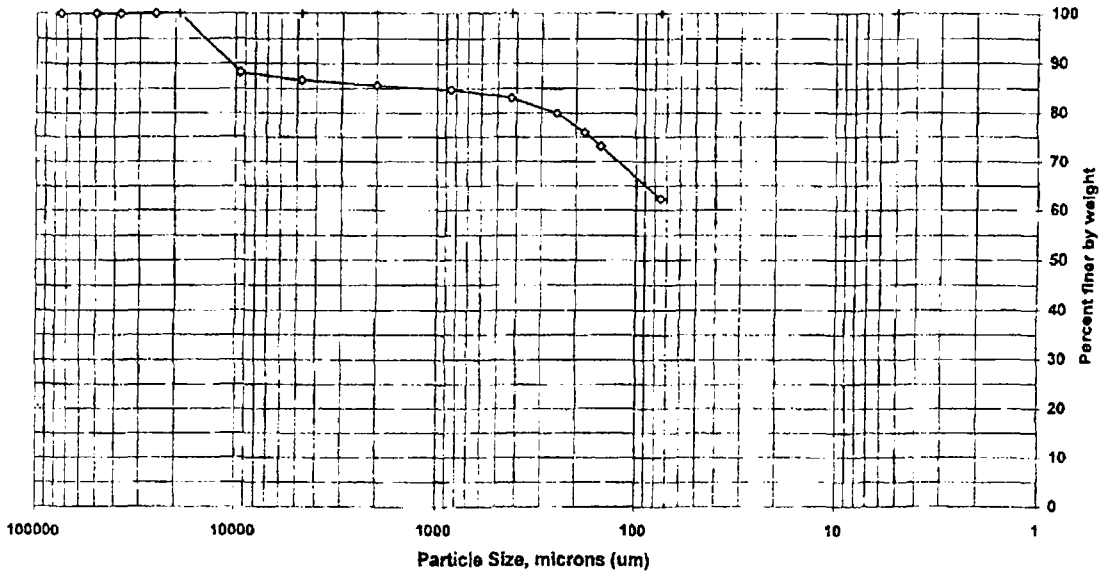
FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	SDG:	6K270174	Date Received:	11/28/2006
Sample ID:	DYER1	ETR(s):	117647	Start Date:	11/28/2006
Lab ID:	692469			End Date:	12/5/2006

Percent Solids:	43.5%	Non-soil material:	wood
Specific Gravity:	2.650	Shape (> #10):	subrounded
Maximum Particle Size:	19 mm	Hardness (> #10):	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	88.3	11.7
#4	4750	86.8	1.5
#10	2000	85.7	1.1
#20	850	84.9	0.8
#40	425	83.2	1.7
#60	250	79.9	3.2
#80	180	75.9	4.0
#100	150	73.2	2.8
#200	75	62.4	10.8

Soil Classification	Percent of Total Sample
Gravel	13.2
Sand	24.4
Coarse Sand	1.1
Medium Sand	2.5
Fine Sand	20.8
Fines	62.4

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

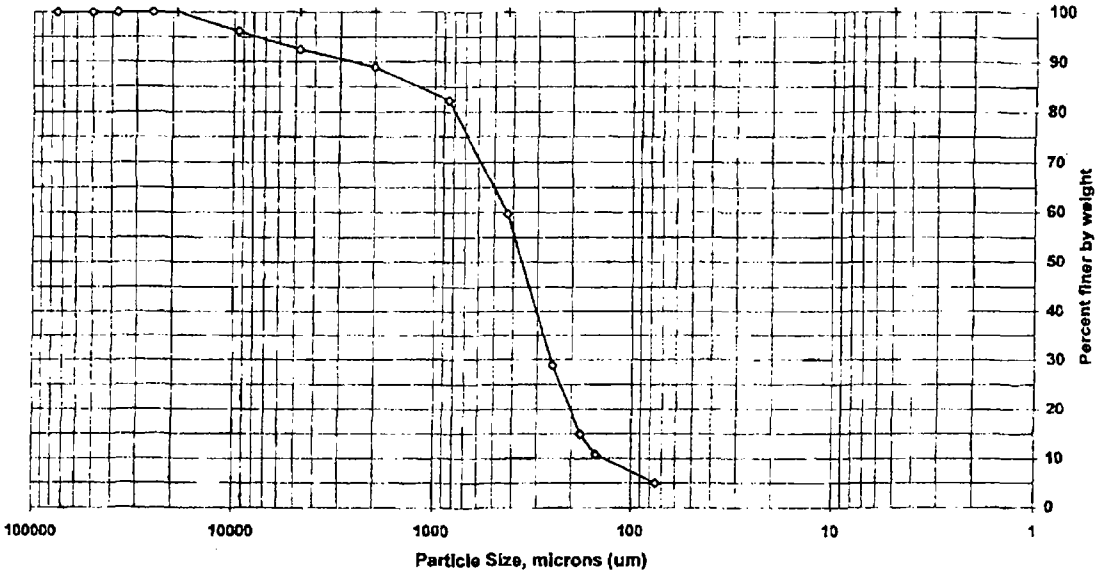
FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	SDG:	6K270174	Date Received:	11/28/2006
Sample ID:	PARA1	ETR(s):	117647	Start Date:	11/28/2006
Lab ID:	692470			End Date:	12/5/2006

Percent Solids:	64.2%	Non-soil material:	glass,plant
Specific Gravity:	2.650	Shape (> #10):	subrounded
Maximum Particle Size:	19 mm	Hardness (> #10):	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	96.2	3.8
#4	4750	92.5	3.7
#10	2000	88.9	3.5
#20	850	82.3	6.7
#40	425	59.8	22.5
#60	250	28.9	30.9
#80	180	14.9	14.0
#100	150	10.9	4.0
#200	75	5.0	5.8

Soil Classification	Percent of Total Sample
Gravel	7.5
Sand	87.5
Coarse Sand	3.5
Medium Sand	29.2
Fine Sand	54.7
Fines	5.0

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

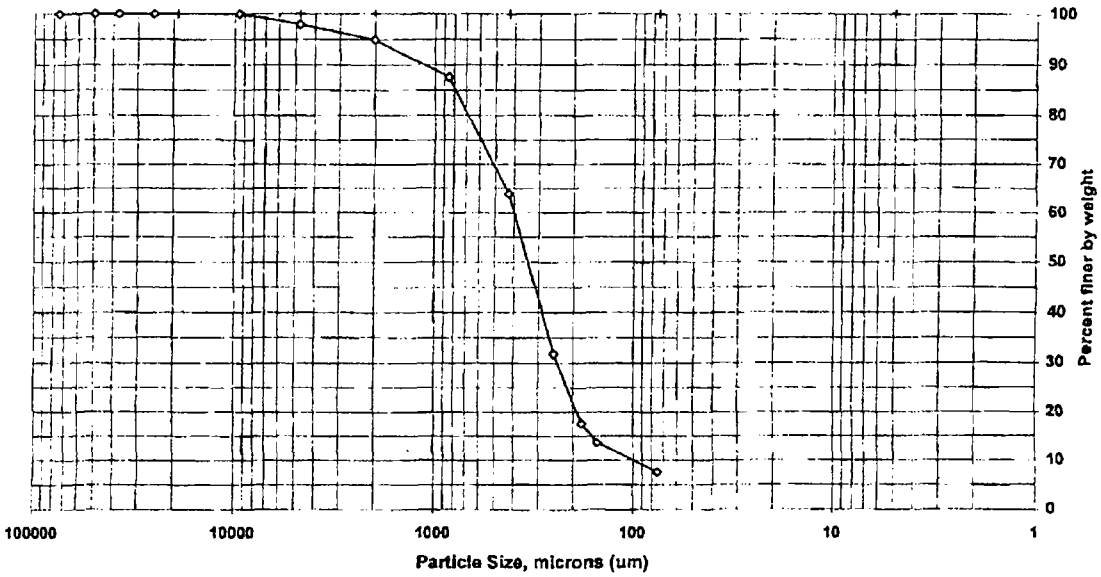
FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	SDG:	6K270174	Date Received:	11/28/2006
Sample ID:	PARA1D	ETR(s):	117647	Start Date:	11/28/2006
Lab ID:	692471			End Date:	12/5/2006

Percent Solids:	63.9%	Non-soil material:	plant,glass
Specific Gravity:	2.650	Shape (> #10):	subangular
Maximum Particle Size:	9.5 mm	Hardness (> #10):	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	97.9	2.1
#10	2000	94.9	3.0
#20	850	87.6	7.3
#40	425	63.9	23.8
#60	250	31.8	32.1
#80	180	17.6	14.1
#100	150	13.7	4.0
#200	75	7.6	6.1

Soil Classification	Percent of Total Sample
Gravel	2.1
Sand	90.3
Coarse Sand	3.0
Medium Sand	31.0
Fine Sand	56.3
Fines	7.6

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

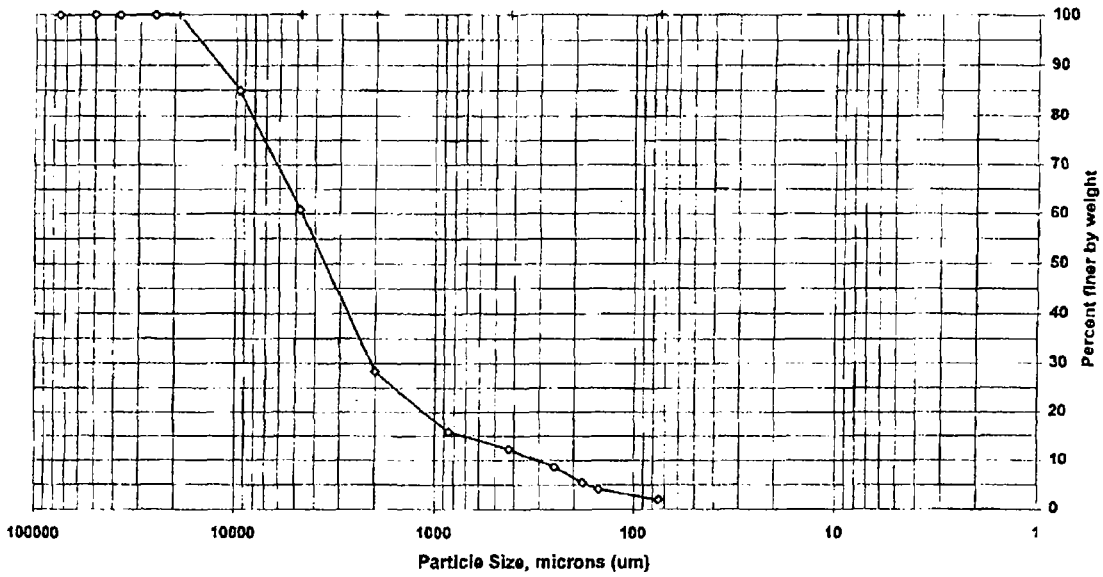
FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	SDG:	6K270174	Date Received:	11/28/2006
Sample ID:	PARA2	ETR(s):	117647	Start Date:	11/28/2006
Lab ID:	692472			End Date:	12/5/2006

Percent Solids:	84.7%	Non-soil material:	glass,wd,shell
Specific Gravity:	2.650	Shape (> #10):	subrounded
Maximum Particle Size:	19 mm	Hardness (> #10):	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	85.0	15.0
#4	4750	60.9	24.1
#10	2000	28.3	32.6
#20	850	15.9	12.4
#40	425	12.3	3.6
#60	250	8.7	3.6
#80	180	5.4	3.2
#100	150	4.1	1.3
#200	75	2.0	2.1

Soil Classification	Percent of Total Sample
Gravel	39.1
Sand	58.9
Coarse Sand	32.6
Medium Sand	16.0
Fine Sand	10.3
Fines	2.0

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

FSL024:07.29.05:0
STL Burlington

6K270174SO 12/7/2006

SEVERN TRENT STL

Sample Handling

From: Origin ID: (916)374-4392
BOTTLE PREP
STL SACRAMENTO
880 RIVERSIDE PKWY

W.SACRAMETNO, CA 95605

Ship Date: 27NOV06
ActWgt: 30 LB
System#: 4941792/INET2500
Account#: S *********

REF:

Delivery Address Bar Code

SHIP TO: (802)655-1203 BILL SENDER

STL BURLINGTON

208 SOUTH PARK DR
SUITE 1
COLCHESTER, VT 05446

PRIORITY OVERNIGHT

TUE
Deliver By:
28NOV06

TRK# 7980 5108 9780 FORM 0201

BTV AA

05446 -VT-US

XH BTVA

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Melissa Thoresch
11-28-06

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: STLCAS	Date Received: 11-28-06	Log In Date: 11-28-06
ETR: 117647	Time Received: 0945	By: MSF
SDG: 6K270174	Received By: MSF	Signature: Melissa Zlversgh
Project: 26003	# Coolers Received:	PM Signature: [illegible]
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 12/7/06

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			

If yes, list custody seal numbers: 798511

Thermal Preservation Type: ☐ Wet Ice X Blue Ice ☐ None ☐ Other (specify)

IR Gun ID:	62	Correction Factor (CF) =	Ø °C				
Cooler 1:	2.2 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler		X		
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

FSM002:10.26.05:2
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SEVERN TRENT STL

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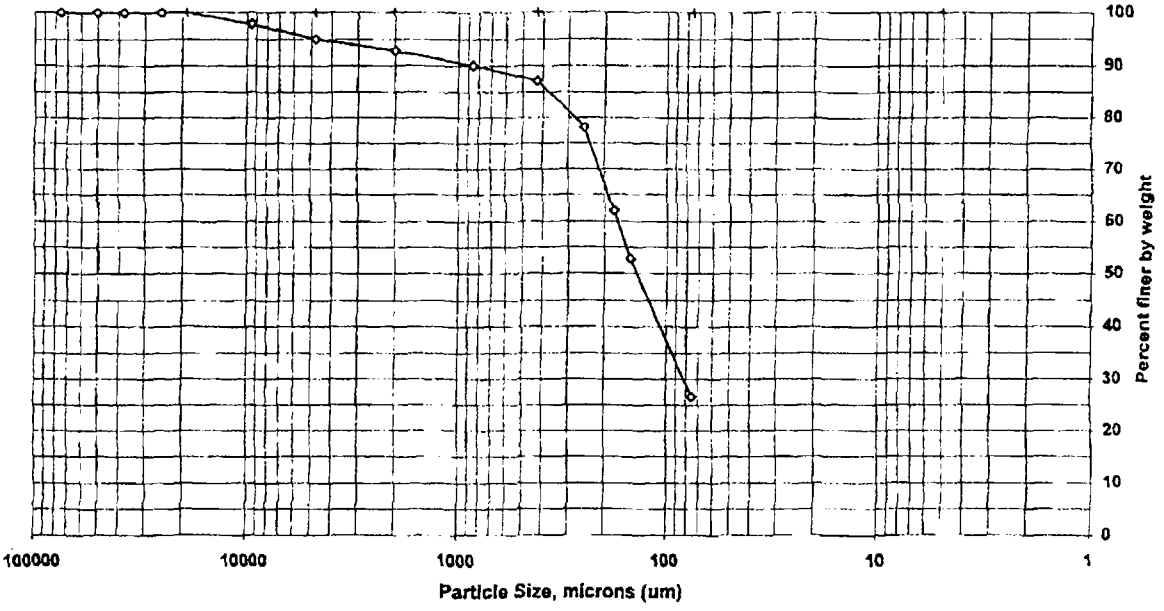
SEVERN TRENT STL

PARTICLE SIZE

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	ATLAN1	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692467			**End Date:**	12/5/2006

Percent Solids:	54.4%	**Non-soil material:**	wood,leaves
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	97.9	2.1
#4	4750	95.0	2.8
#10	2000	92.8	2.2
#20	850	90.2	2.6
#40	425	87.2	3.0
#60	250	78.1	9.0
#80	180	62.1	16.0
#100	150	52.9	9.2
#200	75	26.6	26.3

Soil Classification	Percent of Total Sample
Gravel	5.0
Sand	68.4
Coarse Sand	2.2
Medium Sand	5.6
Fine Sand	60.5
Fines	26.6

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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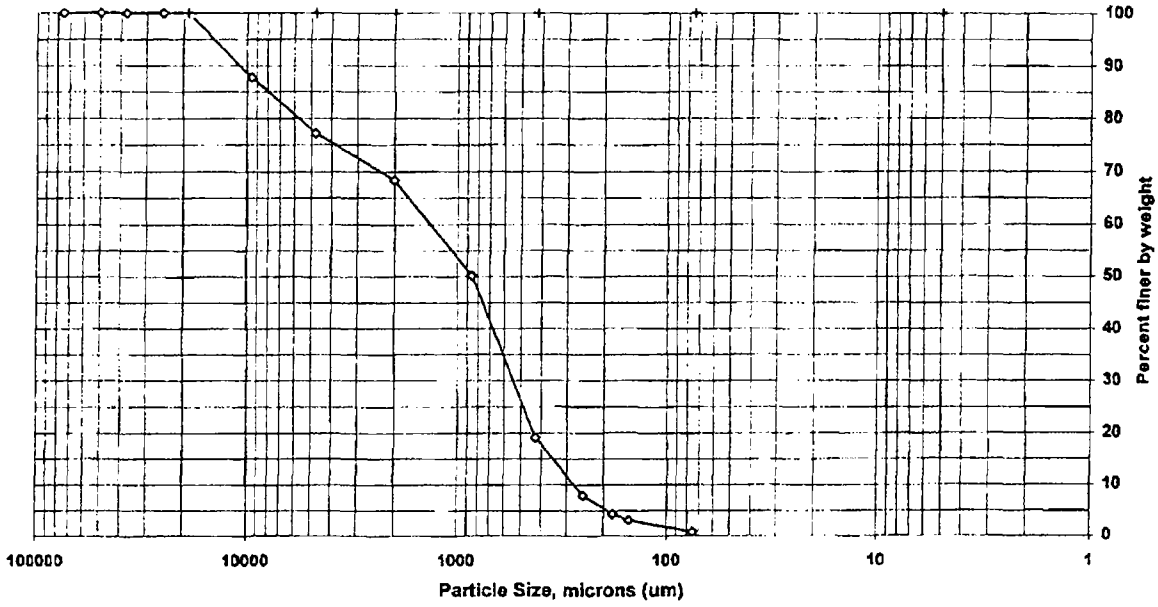
6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	ATLAN2	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692468			**End Date:**	12/5/2006

Percent Solids:	78.9%	**Non-soil material:**	plant,glass
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	87.7	12.3
#4	4750	77.3	10.5
#10	2000	68.5	8.8
#20	850	50.3	18.2
#40	425	19.2	31.1
#60	250	8.0	11.2
#80	180	4.4	3.6
#100	150	3.1	1.3
#200	75	0.8	2.4

Soil Classification	Percent of Total Sample
Gravel	22.7
Sand	76.5
Coarse Sand	8.8
Medium Sand	49.3
Fine Sand	18.4
Fines	0.8

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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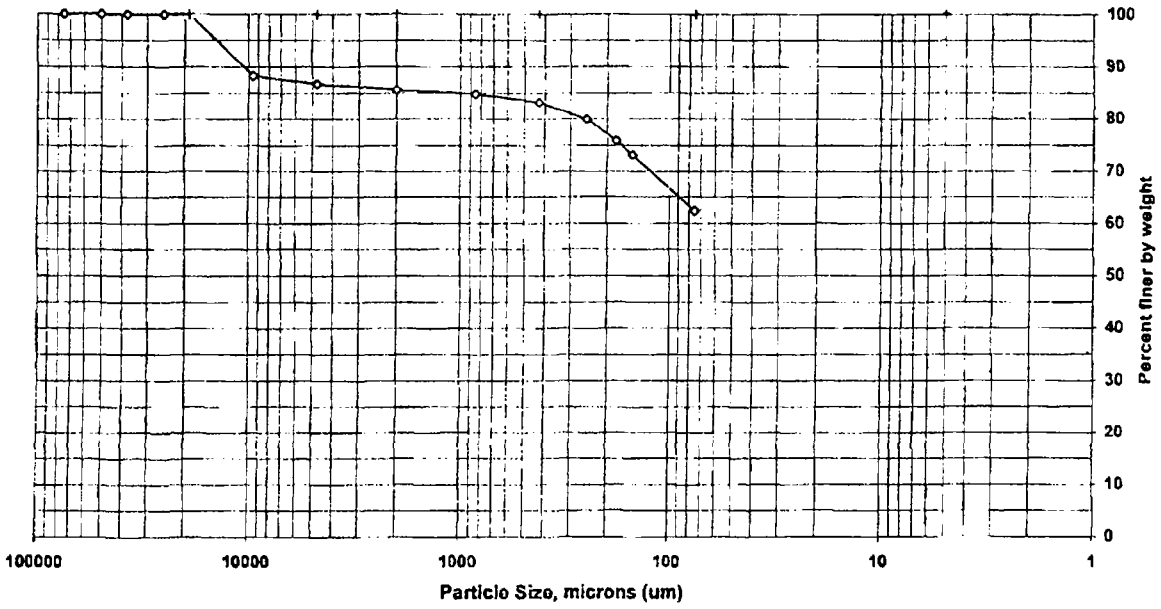
Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	DYER1	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692469			**End Date:**	12/5/2006

Percent Solids:	43.5%	**Non-soil material:**	wood
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	88.3	11.7
#4	4750	86.8	1.5
#10	2000	85.7	1.1
#20	850	84.9	0.8
#40	425	83.2	1.7
#60	250	79.9	3.2
#80	180	75.9	4.0
#100	150	73.2	2.8
#200	75	62.4	10.8

Soil Classification	Percent of Total Sample
Gravel	13.2
Sand	24.4
Coarse Sand	1.1
Medium Sand	2.5
Fine Sand	20.8
Fines	62.4

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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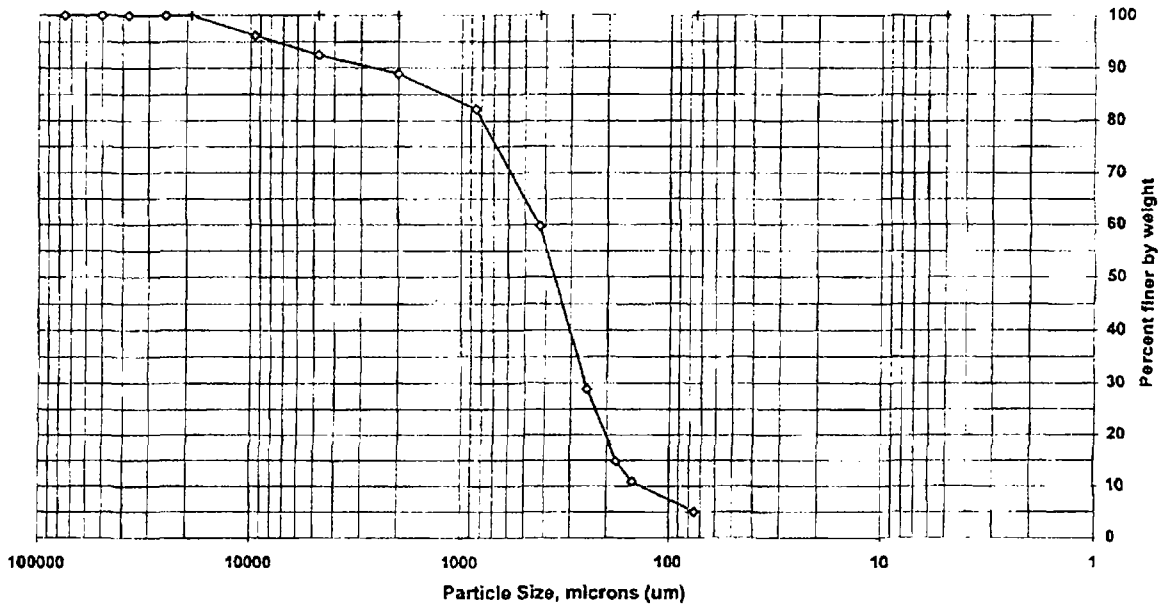
Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	PARA1	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692470			**End Date:**	12/5/2006

Percent Solids:	64.2%	**Non-soil material:**	glass,plant
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	96.2	3.8
#4	4750	92.5	3.7
#10	2000	88.9	3.5
#20	850	82.3	6.7
#40	425	59.8	22.5
#60	250	28.9	30.9
#80	180	14.9	14.0
#100	150	10.9	4.0
#200	75	5.0	5.8

Soil Classification	Percent of Total Sample
Gravel	7.5
Sand	87.5
Coarse Sand	3.5
Medium Sand	29.2
Fine Sand	54.7
Fines	5.0

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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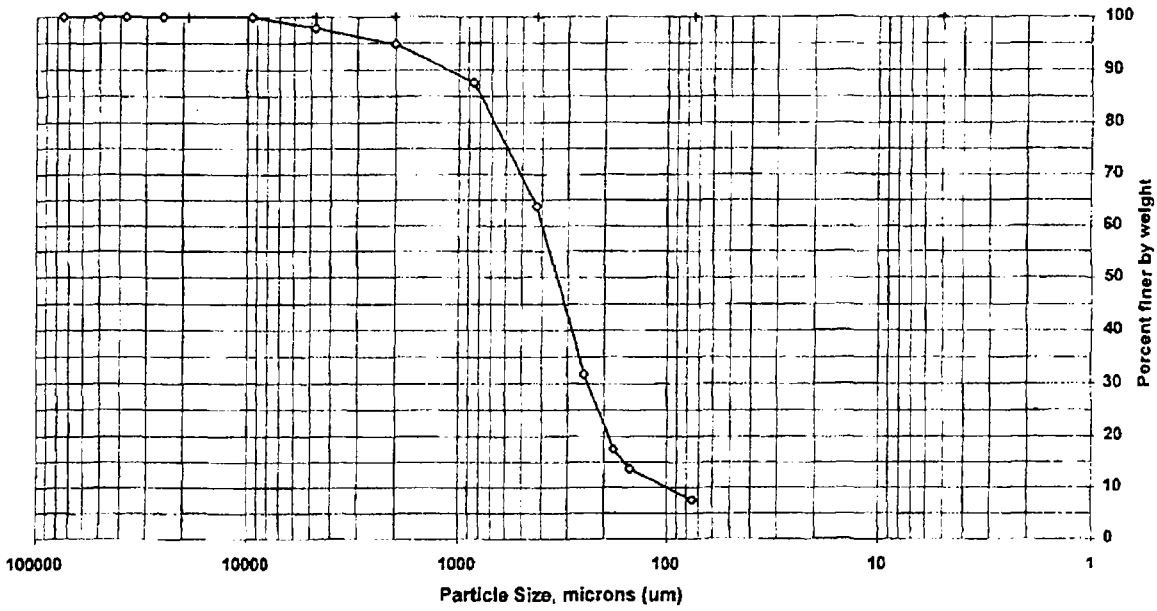
6K270174SO 12/7/2006

Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	PARA1D	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692471			**End Date:**	12/5/2006

Percent Solids:	63.9%	**Non-soil material:**	plant,glass
Specific Gravity:	2.650	**Shape (> #10):**	subangular
Maximum Particle Size:	9.5 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	97.9	2.1
#10	2000	94.9	3.0
#20	850	87.6	7.3
#40	425	63.9	23.8
#60	250	31.8	32.1
#80	180	17.6	14.1
#100	150	13.7	4.0
#200	75	7.6	6.1

Soil Classification	Percent of Total Sample
Gravel	2.1
Sand	90.3
Coarse Sand	3.0
Medium Sand	31.0
Fine Sand	56.3
Fines	7.6

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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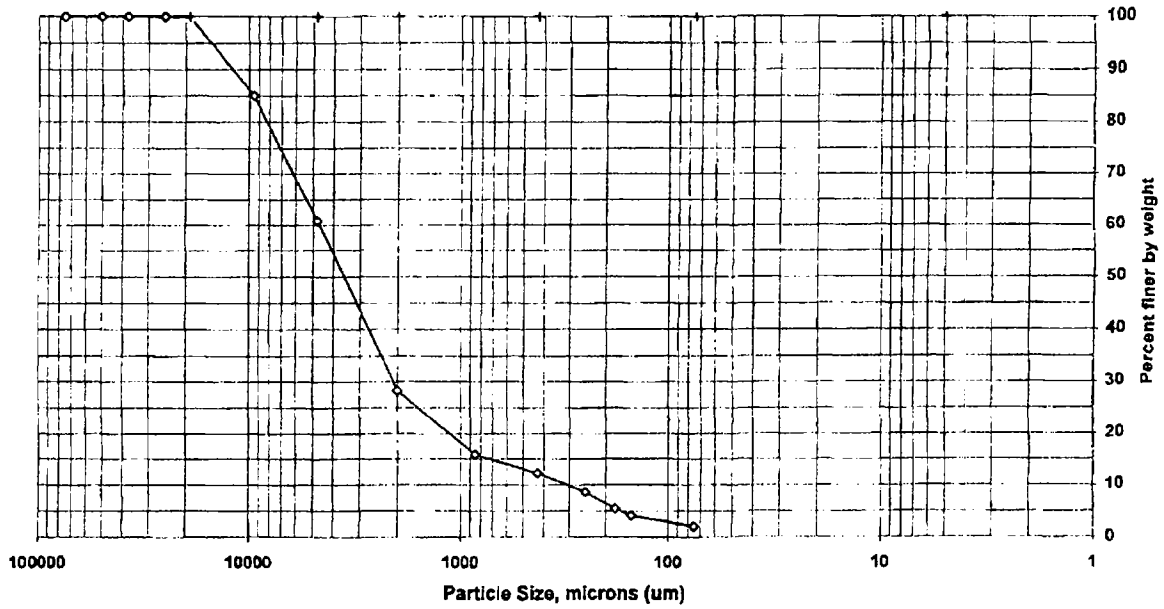
Particle Size of Soils by ASTM D422_MOD

Client Code:	STLCAS	**SDG:**	6K270174	**Date Received:**	11/28/2006
Sample ID:	PARA2	**ETR(s):**	117647	**Start Date:**	11/28/2006
Lab ID:	692472			**End Date:**	12/5/2006

Percent Solids:	84.7%	**Non-soil material:**	glass,wd,shell
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	19 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	85.0	15.0
#4	4750	60.9	24.1
#10	2000	28.3	32.6
#20	850	15.9	12.4
#40	425	12.3	3.6
#60	250	8.7	3.6
#80	180	5.4	3.2
#100	150	4.1	1.3
#200	75	2.0	2.1

Soil Classification	Percent of Total Sample
Gravel	39.1
Sand	58.9
Coarse Sand	32.6
Medium Sand	16.0
Fine Sand	10.3
Fines	2.0

Preparation Method: D2217
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

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6K270174SO 12/7/2006

Particle Size Analysis of Soils
By ASTM D422_MOD
Hydrometer Data

Set Number
6K270174

Client Code:	STLCAS
SDG:	6K270174
ETR(s):	117647

Date Received:	28-Nov-06
Start Date:	28-Nov-06
End Date:	5-Dec-06

Date and Analyst

Percent Solids	Weighed	Mixed	Large sieves	Small sieves
MAP 12/1/06	MAP 12/1/06	MAP 12/1/06	MAP 12/1/06	MAP 12/1/06
DJP 12/4/06			MAP 12/5/06	MAP 12/5/06

Test number	1	2	3	4	5	6	7	8	9	10	11	12
Lab number	692467	692468	692469	692470	692471	692472						
Time, min. (2)												
Reading												
Temperature, C												
Time, min. (5)												
Reading												
Temperature, C												
Time, min. (15)												
Reading												
Temperature, C												
Time, min. (30)												
Reading												
Temperature, C												
Time, min. (60)												
Reading												
Temperature, C												
Time, min. (250)												
Reading												
Temperature, C												
Time, min. (1440)												
Reading												
Temperature, C												

Sieve Only Analysis Requested; Hydrometer test not performed.

Hydrometer used: N/A **Model #:** N/A **Manufacturer:** N/A **Hydrometer start time:** N/A

Calibrations:	L temp, C	L read	H Temp, C	H read
	17.0	N/A	23.0	N/A

Cal. Date: N/A **Hydrometer data entered:** N/A

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6K270174SO 12/7/2006

Particle Size Analysis of Soils
By ASTM D422_MOD
Hydrometer Data

Set Number: 6K270174

Client Code: STLCAS
SDG: 6K270174
ETR(s): 117647

Date Received: 28-Nov-06
Start Date: 28-Nov-06
End Date: 12/5/06

Date and Analyst

Percent Solids	Weighed	Mixed	Large sieves	Small sieves
MAP 12/1/06 DJD 12/4/06	MAP 12/1/06	MAP 12/1/06	MAP 12/1/06 MAP 12/5/06	MAP 12/1/06 MAP 12/5/06

Test number	1	2	3	4	5	6	7	8	9	10	11	12
Lab number	692467	629468	692469	692470	692471	692472						
Time, min. (2)												
Reading												
Temperature, C												
Time, min (5)												
Reading												
Temperature, C												
Time, min (15)												
Reading												
Temperature, C												
Time, min. (30)												
Reading												
Temperature, C												
Time, min. (60)												
Reading												
Temperature, C												
Time, min. (250)												
Reading												
Temperature, C												
Time, min. (1440)												
Reading												
Temperature, C												

"Sieve Only" Analysis Requested, Hydrometer test not performed

Hydrometer used: N/A **Model #:** N/A **Manufacturer:** N/A **Hydrometer start time:** N/A

Calibrations:

L temp, C	L read	H Temp, C	H read
17.0	N/A	23.0	N/A

Cal. Date: N/A **Hydrometer data entered:** N/A

FSL024:07.29.05.0
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6K270174SO 11/28/06

Particle Size Analysis of Soils By ASTM D422_MOD

Sieve Data

Client Code: STLCAS | ETR(s): 117647 | SDG: 6K270174 | Date Rec: 28-Nov-06 | Start Date: 28-Nov-06 | End Date: 5-Dec-06

SET: 6K270174

Dry prep = D421
Wet prep = D2217

Test	1	2	3	4	5	6	7	8	9	10	11	12
Laboratory No	692467	692468	692469	692470	692471	692472						
Sample ID	ATLAN1	ATLAN2	DYER1	PARA1	PARA1D	PARA2						
Sample Prep	D2217	D2217	D2217	D2217	D2217	D2217						
Pan, g												
Pan/sample, g	181.21	177.35	141.92	181.20	170.38	248.99						
Pan/dry sample, g												
Hygroscopic Moisture correction factor (HMCF) for dry prep / Percent Solids for dry and wet prep												
Pan, g	1.02	1.03	1.02	1.03	1.04	1.02						
Pan/sample, g	27.31	47.60	27.62	46.70	47.52	32.92						
Pan/dry sample, g	15.33	37.77	12.13	30.36	30.55	28.04						
HMCF	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%						
Description of >#10 particles												
Non-soil material	wood,leaves	plant,glass	wood	glass,plant	plant,glass	glass,wd,shell						
Shape	subrounded	subrounded	subrounded	subrounded	subangular	subrounded						
Hardness	hard	hard	hard	hard	hard	hard						
Sample % Solids	54.4%	78.9%	43.5%	64.2%	63.9%	84.7%						
Dry sample wt, g	98.64	139.91	61.78	103.53	108.89	210.50						
Sieve + Sample Weights												
Size	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g	Mass, g
3 inch												
2 inch												
1.5 inch												
1 inch												
3/4 inch												
3/8 inch												
#4												
#10												
#20												
#40												
#60												
#80												
#100												
#200												
Maximum Particle size	19 mm	19 mm	19 mm	19 mm	9.5 mm	19 mm						
Specific gravity	2.650	2.650	2.650	2.650	2.650	2.650						
Sample Mass Parameters												
Sample Mass >#10, g	7.09	44.13	8.83	11.45	5.55	151.15	0.00	0.00	0.00	0.00	0.00	0.00
Sample mass <#10, g	91.55	95.78	52.95	92.08	103.34	59.75	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Standard Values

Sieve	Opening, um
3 inch	75000
2 inch	50000
1.5 inch	37500
1 inch	25000
3/4 inch	19000
3/8 inch	9500
#4	4750
#10	2000
#20	850
#40	425
#60	250
#80	180
#100	150
#200	75

Sieve (tares)

Size	Mass, g	
3 inch		
2 inch		
1.5 inch		
1 inch		
3/4 inch		
3/8 inch	447.75	
#4		
#10		
#20	383.48	A
#40	369.26	A
#60	338.69	A
#80	326.31	A
#100	332.01	C
#200	323.02	A

Default SG 2.65

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