2455 South Road
Poughkeepsie, NY 12601

December 20, 2011

Mr. Alex Czuhanich
Division of Environmental Remediation
Remedial Bureau E
New York State Dept. of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7017

Re: Area of Concern E: Perimeter Road Drum Area
Transmittal of Assessment Results Report
IBM-Poughkeepsie, Part 373 Permit Number 3-1346-00035/00123
EPA ID Number NYD 080480734

Dear Mr. Czuhanich:

This correspondence is being sent regarding the completion of field activities associated with the above listed unit. The status of the unit was briefly discussed with you on August 2, 2011 and IBM provided formal written notice regarding this newly discovered Area of Concern (AOC) to NYSDEC on August 15, 2011. In addition, and in accordance with the Facilities' Part 373 Permit Requirements, IBM is providing additional information to the NYSDEC regarding AOC E, the Perimeter Road Drum Area at the IBM-Poughkeepsie facility.

Access to this area is limited by the above-ground utility trestle, roadway fencing and steep slopes. The surrounding land use is parking lots and roadways.

Results of this assessment indicate that subsurface impacts were localized to the area adjacent to the drums. The drums, drum contents and the minor areas of impact around the drums have been removed. Following removal, post-excavation soil samples were collected. With the exception of the post-excavation sample beneath Drum C, all other post-excavation results meet or exceed the current industrial land use soil cleanup objective values for Part 375 (Table 375-6.8). Post-excavation sample results from the base of Drum C are consistent asphalt-containing soils associated with parking lots and road edgeways. Deeper excavations at this location may undermine the footings for the above-ground utility trestle and possibly the roadway. As part of the construction and renovations of the adjacent above ground utility service, the slope in this area will be stabilized to prevent migration of soils.

Based on IBM's response to discovering this unit, the AOC is best classified as RM (removed) and IBM is proposing the AOC unit be designated as "No Further Action" status.

IBM respectfully requests NYSDEC concurrence that the investigation described above satisfies the requirement for an RFA for this AOC and that no further action is necessary or appropriate.

If you have any questions or need additional information, please do not hesitate to contact Steve Brannen at (845) 433-1509.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

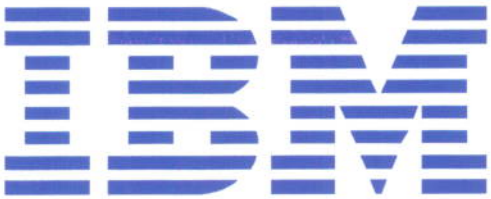
Sincerely,

International Business Machines Corporation

Mike Domitrovits, Manager
Facility and Environmental Services

Attachments

cc: ✓Denise Radtke, NYSDEC Albany
Ed Moore, NYSDEC Region 3
Dale Carpenter, USEPA



Poughkeepsie, New York

IBM POUGHKEEPSIE
PERIMETER ROAD DRUM AREA (Area of Concern E)
MAIN PLANT SITE

Part 373 Hazardous Waste Permit 3-1346-00035/00123

EPA ID Number NYD 080480734

Prepared for:

IBM Poughkeepsie
Poughkeepsie, New York

December 20, 2011

Prepared by:

Groundwater Sciences Corporation

2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110

560 Route 52, Suite 202
Beacon, New York 12508

1108 Vestal Parkway East, Suite 2
Vestal, New York 13850

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2 ASSESSMENT ACTIVITIES

As noted in the introductory section, at the time of discovery, IBM was performing field inspections of the Perimeter Road foundation in support of the construction and renovations of an above-ground utility service that lies along the western edge of Perimeter Road. During this inspection on August 1, 2011, five drums were discovered in the wooded area immediately down slope of the above-ground utility service.

Access to this area is limited by the above-ground utility trestle, roadway fencing and steep slopes.

2.1 Discovery and Assessment

A total of five drums were discovered in this area of the site shown on Figure 2. Three of the drums were discovered partially exposed and the fourth and fifth drums lay mostly exposed atop ground surface. Drums were field identified as Drums A through E. Four of the drums (A, B, C and E) appeared to be of the same style and type, similar to standard 55 gallon drums, with bung tops. Drum D, was smaller in size with a welded side bung hole and two bung holes in the top lid.

2.2 Field Activities

The soils surrounding each of the drums and the contents were assayed using a hand-held photo-ionization detector. Drums A and E yielded readings above background, the areas and contents of the other three drums (B, C and D) did not yield results above background.

Following field screening of the surrounding soils an assessment was conducted at each drum to ascertain the status of each drum and any potential drum contents. Drum A was predominantly intact and contained approximately 50% multi-phase liquid which appears to be similar to asphalt-based tar. Drums B, C and E were corroded; the contents of Drums B and C appeared to have dried in place forming a hardened slab just below the drum. Exposed soils beneath Drum E were slightly moist and indicated staining. Drum D was mostly intact and was empty. Upon completion of this determination, each drum and any drum contents were transferred into another drum to be managed and disposed in accordance with applicable regulations.

Following removal of each drum and any associated contents; exposed soils beneath each drum were observed for visible staining and were assayed using a hand-held photo-ionization detector. Additional soil was removed from the surrounding area until the soils exhibiting visible staining were

3 SAMPLING RESULTS

This section reports on the sampling results of the contents of Drum A, the visibly stained soils discovered beneath Drum E and also of the post-excavation sampling conducted of the surrounding soils at each drum.

Samples of the contents of Drum A and soils beneath Drum E were analyzed for VOCs, SVOCs and PCBs by SW846 methodologies. Post excavation soil samples were collected at a position from beneath the drum, downslope of the drum and into the back wall of the excavation and were analyzed for VOCs and SVOCs by SW846 methodologies.

3.1 Drum A

Analytical results of the contents of Drum A indicate presence of several VOCs and SVOCs. No PCBs were detected in either sample. A summary of the results of this sampling is presented in Appendix B, Table B-1. A sample was collected of the top layer which was a dark viscous material. In addition, a second sample was collected of the middle, oil phase. The bottom sludge layer was not analyzed. The laboratory analytical data report for the drum contents is presented in Appendix C.

The excavated area around Drum A was approximately 5.6 ft by 2.8 ft by 3.6 ft. Post excavation samples collected from the soils in the vicinity of Drum A indicate the presence of several SVOCs. No VOCs were detected. The results of the post-excavation samples are summarized in Appendix B and are shown on Figure 3. The laboratory analytical data reports for post excavation samples associated with Drum A are presented in Appendix C.

Sample results were compared with the soil cleanup objective values for Part 375 (Table 375-6.8) and based on this comparison, soils meet current or exceed the current industrial land use standard.

3.2 Drum B

The excavated area around Drum B was approximately 3.4 ft by 2.6 ft by 4.4 ft. Post excavation samples collected from the soils in the vicinity of Drum B indicate the presence of several SVOCs. No VOCs were detected. The results of the post-excavation samples are summarized in Appendix B and are shown on Figure 3. The laboratory analytical data reports for post excavation samples associated with Drum B are presented in Appendix C.

The excavated area around Drum E was approximately 7.0 ft by 6.0 ft by 2.5 ft. Post excavation samples collected from the soils in the vicinity of Drum E indicate the presence of several SVOCs. No VOCs were detected. The results of the post-excavation samples are summarized in Appendix B and are shown on Figure 3. The laboratory analytical data reports for post excavation samples associated with Drum E are presented in Appendix C.

Sample results were compared with the soil cleanup objective values for Part 375 (Table 375-6.8) and based on this comparison, soils meet current or exceed the current industrial land use standard.

5 RECOMMENDATIONS

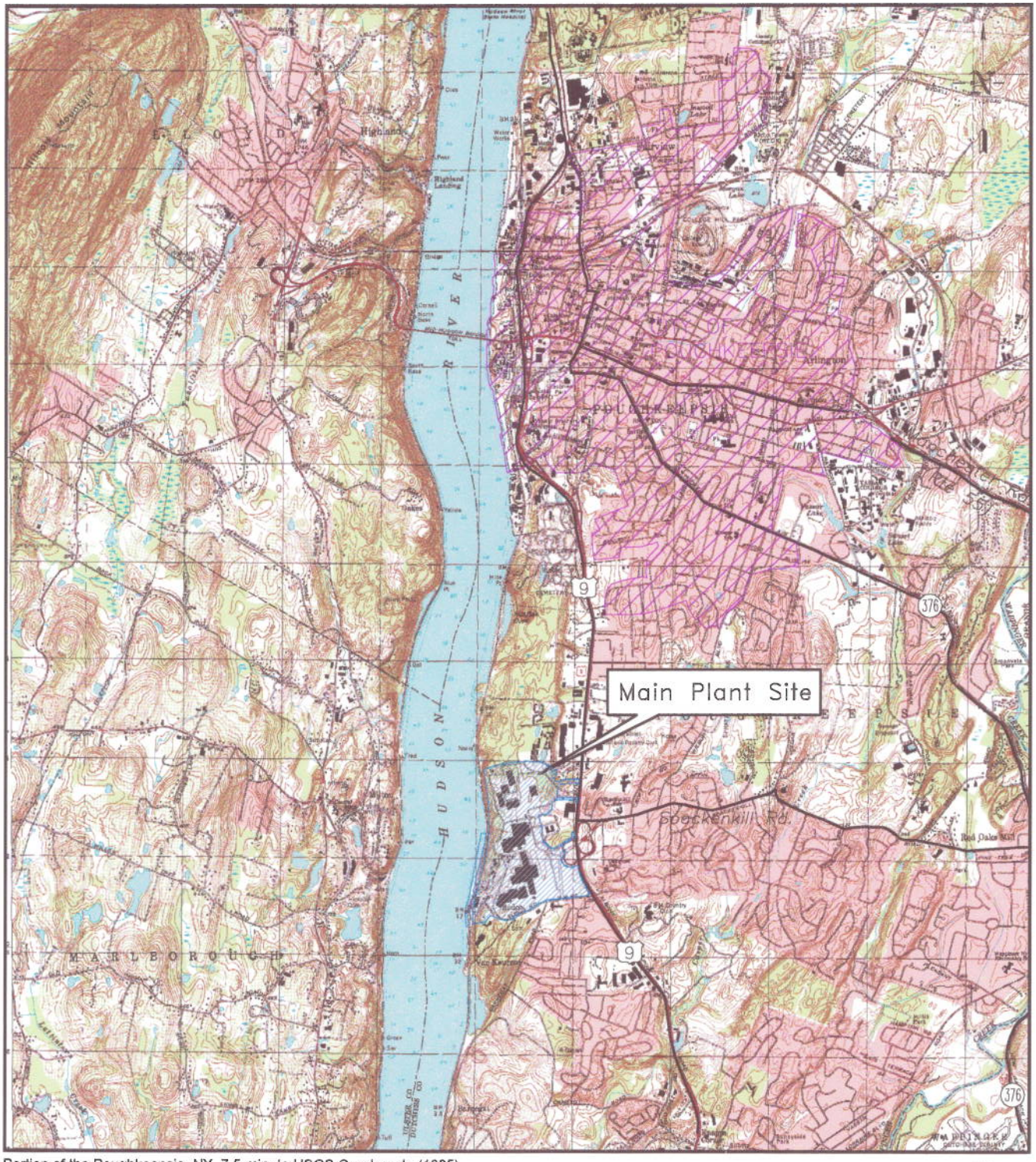
This investigation satisfies the technical requirements of a RCRA Facility Assessment (RFA).

This RFA indicates that subsurface impacts were localized to the area adjacent to the drums. Minor areas of impact around the drums have been removed and no further investigation activities are necessary or appropriate for these Drums.

The results obtained for the monitored and excavated areas indicate contamination had been contained to a small area that has been substantially removed, therefore, no RCRA Facility Investigation (RFI) is proposed for this AOC.

As part of the construction and renovations of the adjacent above ground utility service, the slope in this area will be stabilized to prevent migration of soils.

Based on the response to discovering this unit, the AOC is best classified as RM (removed) and designated as "No Further Action" status.



Portion of the Poughkeepsie, NY, 7.5-minute USGS Quadrangle (1995)

Figure 1

IBM

Poughkeepsie, New York

Site Location Map

DRAWN BY: MHM	DATE: 6/29/07	DRAWING NO.
CHECKED & APPROVED BY: DAB		87001-236-16

Scale

0 2500' 5000'

GROUNDWATER SCIENCES CORPORATION

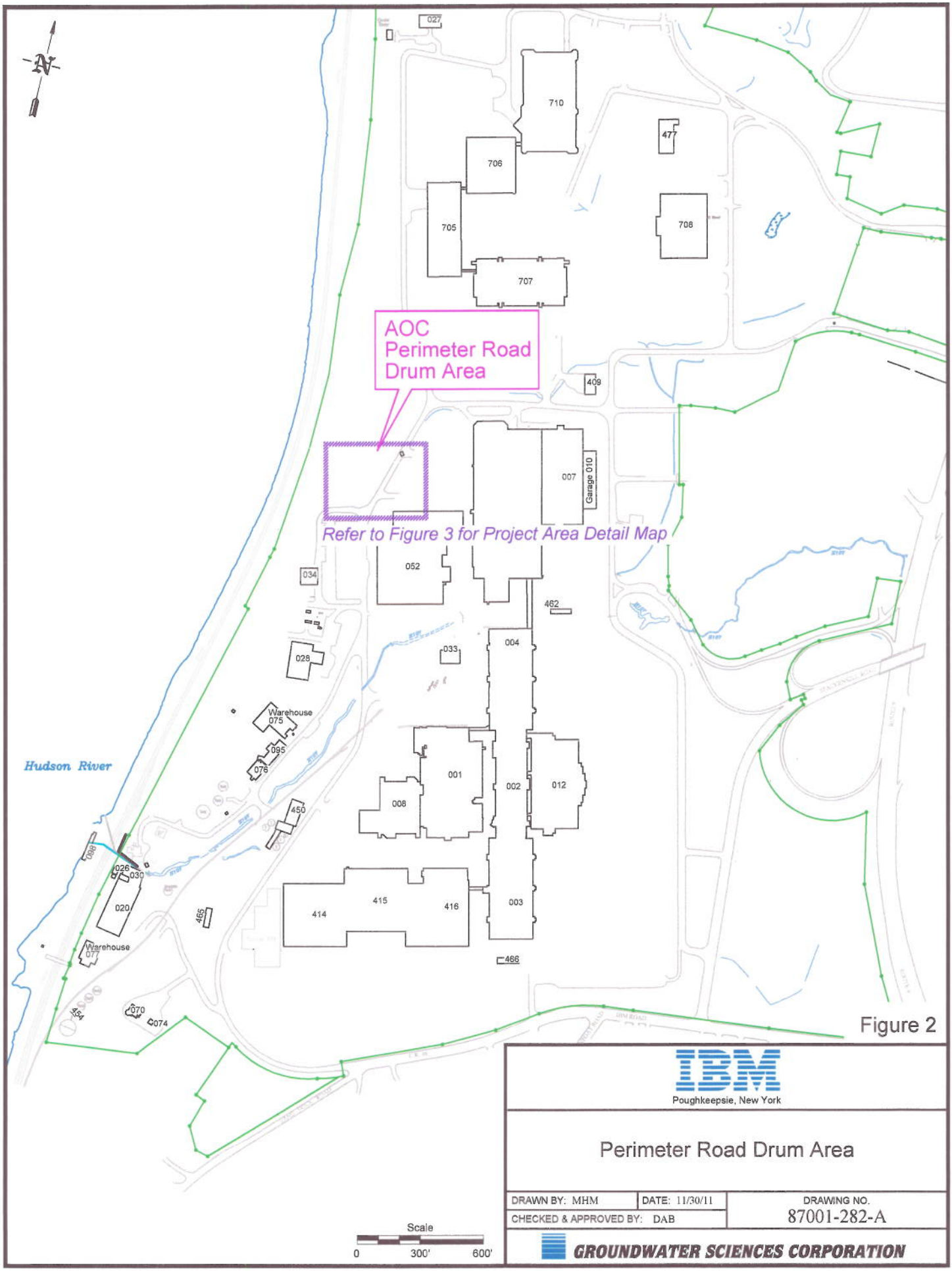


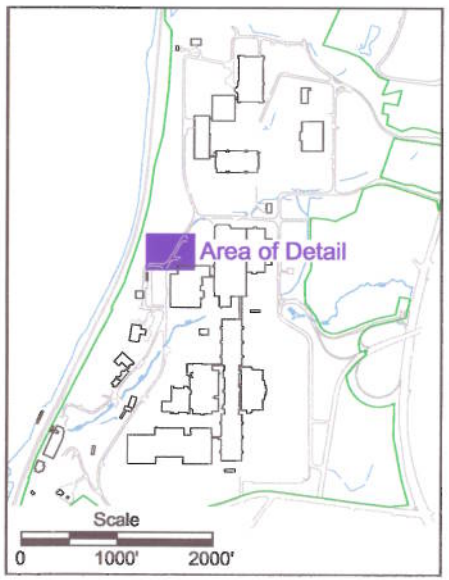
Figure 2

IBM
Poughkeepsie, New York

Perimeter Road Drum Area

DRAWN BY: MHM	DATE: 11/30/11	DRAWING NO. 87001-282-A
CHECKED & APPROVED BY: DAB		

GROUNDWATER SCIENCES CORPORATION



Parameter	Drum E Post Excavation Sampling Results (ug/kg) East Wall 8/4/2011	Base of Excavation 8/4/2011	West Wall 8/4/2011
All 8260B VOCs	ND	ND	ND
Acenapthene	170 U	76 J	180 U
Fluoranthrene	74 J	2,500	2,300
Napthalene	220 U	77 J	80 J
Benzo(a)anthracene	130 U	1,000	820
Benzo(a)pyrene	170 U	950	800
Benzo(b)fluoranthrene	130 U	1,100	1,000
Benzo(k)fluoranthrene	130 U	400	400
Chrysene	130 U	1,000	960
Acenapthylene	170 U	390	290
Anthracene	130 U	530	420
Benzo(ghi)perylene	170 U	540	590
Fluorene	220 U	360	270
Phenanthrene	130 U	2,200	2,000
Dibenzo(a,h)anthracene	130 U	150	160
Indeno(1,2,3-cd)Pyrene	170 U	550	540
Pyrene	63 J	2,000	1,700
Dibenzofuran	220 U	150 J	130 J
2-Methylnapthalene	260 U	250 U	280 U
Carbazole	220 U	160 J	220 J
All other 8270C SVOCs	ND	ND	ND

Parameter	Drum D Post Excavation Sampling Results (ug/kg) East Wall 8/4/2011	Base of Excavation 8/4/2011	West Wall 8/4/2011
All 8260B VOCs	ND	ND	ND
Acenapthene	180 U	180 U	170 U
Fluoranthrene	360	190	160
Napthalene	230 U	220 U	210 U
Benzo(a)anthracene	200	120 J	100 J
Benzo(a)pyrene	230	150 J	130 J
Benzo(b)fluoranthrene	260	140	140
Benzo(k)fluoranthrene	98 J	58 J	120 U
Chrysene	240	140	120
Acenapthylene	170 J	120 J	170 U
Anthracene	82 J	60 J	120 U
Benzo(ghi)perylene	150 J	110 J	82 J
Fluorene	230 U	220 U	210 U
Phenanthrene	200	66 J	78 J
Dibenzo(a,h)anthracene	140 U	130 U	120 U
Indeno(1,2,3-cd)Pyrene	130 J	83 J	68 J
Pyrene	420	240	200
Dibenzofuran	230 U	220 U	210 U
2-Methylnapthalene	270 U	260 U	250 U
Carbazole	230 U	220 U	210 U
All other 8270C SVOCs	ND	ND	ND

Parameter	Drum A Post Excavation Sampling Results (ug/kg) East Wall 8/3/2011	Base of Excavation 8/3/2011	West Wall 8/18/2011
All 8260B VOCs	ND	ND	ND *
Acenapthene	140 U	140 U	150 U
Fluoranthrene	310	580	500
Napthalene	170 U	180 U	190 U
Benzo(a)anthracene	200	300	360
Benzo(a)pyrene	240	320	380
Benzo(b)fluoranthrene	260	340	340
Benzo(k)fluoranthrene	96 J	140	130
Chrysene	240	320	360
Acenapthylene	250	240	480
Anthracene	110	130	230
Benzo(ghi)perylene	180	230	290
Fluorene	170 U	60 J	190 U
Phenanthrene	150	340	470
Dibenzo(a,h)anthracene	46 J	50 J	66 J
Indeno(1,2,3-cd)Pyrene	160	200	240
Pyrene	420	640	720
Dibenzofuran	170 U	180 U	190 U
2-Methylnapthalene	210 U	210 U	230 U
Carbazole	170 U	180 U	190 U
All other 8270C SVOCs	ND	ND	ND

Parameter	Drum B Post Excavation Sampling Results (ug/kg) East Wall 8/3/2011	Base of Excavation 8/3/2011	West Wall 8/18/2011
All 8260B VOCs	ND	ND	ND *
Acenapthene	140 U	110 J	140
Fluoranthrene	70 J	1,600	1,770
Napthalene	180 U	180 U	180 U
Benzo(a)anthracene	52 J	600	570
Benzo(a)pyrene	59 J	570	510
Benzo(b)fluoranthrene	110 U	670	630
Benzo(k)fluoranthrene	110 U	300	220
Chrysene	57 J	600	560
Acenapthylene	140 U	180	140 U
Anthracene	110 U	400	430
Benzo(ghi)perylene	140 U	390	280
Fluorene	180 U	160 J	170 J
Phenanthrene	110 U	1,300	1,600
Dibenzo(a,h)anthracene	110 U	93 J	72 J
Indeno(1,2,3-cd)Pyrene	140 U	380	310
Pyrene	91 J	1,400	1,400
Dibenzofuran	180 U	61 J	79 J
2-Methylnapthalene	220 U	210 U	210 U
Carbazole	180 U	210	270
All other 8270C SVOCs	ND	ND	ND

Parameter	Drum C Post Excavation Sampling Results (ug/kg) East Wall 8/3/2011	Base of Excavation 8/18/2011	West Wall 8/18/2011
All 8260B VOCs	ND	NA	ND *
Acenapthene	150 U	7,800	150 U
Fluoranthrene	320	100,000 D	500
Napthalene	180 U	1,300	190 U
Benzo(a)anthracene	200	36,000	360
Benzo(a)pyrene	240	27,000	380
Benzo(b)fluoranthrene	230	35,000	340
Benzo(k)fluoranthrene	88 J	14,000	130
Chrysene	250	32,000	360
Acenapthylene	220	880 U	480
Anthracene	96 J	26,000	230
Benzo(ghi)perylene	170	17,000	290
Fluorene	180 U	9,600	190 U
Phenanthrene	190	88,000 D	470
Dibenzo(a,h)anthracene	44 J	4,700	66 J
Indeno(1,2,3-cd)Pyrene	160	17,000	240
Pyrene	420	78000 D	720
Dibenzofuran	180 U	4,200	190 U
2-Methylnapthalene	220 U	430 J	230 U
Carbazole	180 U	15,000	190 U
All other 8270C SVOCs	ND	ND	ND

VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
* Sample for VOCs collected on 8/3/2011

Figure 3

IBM
Poughkeepsie, NY

Perimeter Road Drum Area Detail Map

Scale
0 25' 50'

87001-283-A1 / 12-19-11

Appendix A
Drum Assessment Summary

Appendix A
Drum Assessment Summary

Three of the drums were discovered partially exposed and the fourth and fifth drums lay mostly exposed atop ground surface. Drums were field identified as Drums A through E. Four of the drums (A, B, C and E) appeared to be of the same style and type, similar to standard 55 gallon drums, with bung tops. Drum D, was smaller in size with a welded side bung hole and two bung holes in the top lid.

Drum A
Drum A was discovered partially exposed, predominantly intact and, and contained approximately 50% multi-phase liquid which appears to be similar to asphalt-based tar. Exposed soils beneath Drum A were dry and did not indicate any staining. The soils surrounding Drum A were assayed using a hand-held photo-ionization detector and yielded readings above background.

Drum B
Drum B was discovered partially exposed, corroded and partially crushed. Upon removal of surrounding soils and the drum using hand shovels, the contents of Drum B appeared to have dried in place at the base of the drum. There was no noticeable staining of the soil in the vicinity of Drum B apart from slab of the hardened contents. The hardened contents did not show any readings on the hand-held detector above background and appeared to be of the same origin (asphalt-based tar) as that was found in Drum A, only in dried form. The soils surrounding Drum B were assayed using a hand-held photo-ionization detector and did not yield readings above background.

Drum C
Drum C was discovered partially exposed in a mostly prone position. The exposed side wall appeared mostly intact. The surrounding soils were assayed and the results of this testing did not show any readings above background. Upon removal, it was determined that the portion of Drum C that was in contact with the soil was corroded. The drum and surrounding soils were removed and upon inspection of the underlying soils, it was determined that the contents of Drum C appeared to have dried in place forming a hardened slab just below the drum. Like with Drum B, the hardened contents of Drum C did not show any readings on the hand-held detector above background and appeared to be of the same origin (asphalt-based tar) found in Drum A, only in dried form. The soils surrounding Drum C were assayed using a hand-held photo-ionization detector and did not yield readings above background.

Drum D
As noted above, Drum D was smaller, and of a different style than the other four drums. Drum D was discovered mostly exposed lying in a prone position atop ground surface. The drum appeared mostly intact. The surrounding soils were assayed and the results of this testing did not show any readings above background. Exposed soils beneath Drum D were slightly moist and did not indicate any staining.

Drum E
Drum E was discovered mostly exposed lying in a mostly prone position atop ground surface. The exposed portions of the drum appeared mostly intact. Upon removal of soils surrounding the side wall and underside of the drum, the underside of the drum appeared corroded; the contents of the drum and surrounding soils were assayed and the results of this testing showed readings above background. Exposed soils beneath Drum E were slightly moist and indicated staining. Additional soil was removed from the surrounding area until the field monitor did not demonstrate any contaminant readings.

Appendix B
Sampling Results Summary Tables

Table B-1: Summary of Drum A Contents, Laboratory Results

Sampling Location	Parameter Group	Parameter	Reported Value		Units
Drum Contents	***VOCs (total)***	Benzene	930		ug/kg
Top Layer		Toluene	9,200		ug/kg
Date Sampled: 8/2/2011		Ethylbenzene	10,000		ug/kg
		1,2-dichlorobenzene	900	J	ug/kg
		p,m-Xylene	31,000		ug/kg
		o-Xylene	17,000		ug/kg
		Acetone	3,700	J	ug/kg
		2-butanone	3,700	J	ug/kg
		n-Butylbenzene	14,000		ug/kg
		sec-Butylbenzene	6,600		ug/kg
		tert-Butylbenzene	380	J	ug/kg
		Isopropylbenzene	5,400		ug/kg
		p-Isopropyltoluene	8,500		ug/kg
		Naphthalene	140,000	D	ug/kg
		n-Propylbenzene	9,500		ug/kg
		1,3,5-Trimethylbenzene	20,000		ug/kg
		1,2,4-Trimethylbenzene	63,000		ug/kg
		p-Diethylbenzene	44,000		ug/kg
		p-Ethyltoluene	35,000		ug/kg
		1,2,4,5-Tetramethylbenzene	23,000		ug/kg
		All other VOCs	ND		ug/kg
	SVOCs (total)	Naphthalene	350,000	J	ug/kg
		Phenanthrene	390,000	J	ug/kg
		Pyrene	ND@ 590,000		ug/kg
		2-Methylnapthalene	1,400,000		ug/kg
	PCBs	All PCBs	ND		ug/kg

Table B-2: Summary of Soils Associated with Drum E, Laboratory Results

Sampling Location	Parameter Group	Parameter	Reported Value		Units
Impacted Soils *Date Sampled: 8/2/2011*	***VOCs (total)***	Benzene	ND@ 530		ug/kg
		Toluene	ND @ 790		ug/kg
		Ethylbenzene	ND@ 530		ug/kg
		1,2-dichlorobenzene	ND@ 2,600		ug/kg
		p,m-Xylene	ND@ 1,000		ug/kg
		o-Xylene	ND@ 1,000		ug/kg
		Acetone	ND@ 5,300		ug/kg
		2-butanone	ND@ 5,300		ug/kg
		n-Butylbenzene	ND@ 530		ug/kg
		sec-Butylbenzene	200	J	ug/kg
		tert-Butylbenzene	ND@ 2,600		ug/kg
		Isopropylbenzene	ND@ 530		ug/kg
		p-Isopropyltoluene	ND@ 530		ug/kg
		Naphthalene	ND@ 2,600		ug/kg
		n-Propylbenzene	ND@ 530		ug/kg
		1,3,5-Trimethylbenzene	440	J	ug/kg
		1,2,4-Trimethylbenzene	950	J	ug/kg
		p-Diethylbenzene	1,900	J	ug/kg
		p-Ethyltoluene	ND@ 2,100		ug/kg
		1,2,4,5-Tetramethylbenzene	1,100	J	ug/kg
		All other VOCs	ND		ug/kg
	SVOCs (total)	Naphthalene	ND@ 34,000		ug/kg
		Phenanthrene	ND@ 20,000		ug/kg
		Pyrene	15,000	J	ug/kg
		2-Methylnapthalene	ND@ 41,000		ug/kg
	PCBs	All PCBs	ND		ug/kg

Sampling Location	Parameter Group	Parameter	Units	*Drum A* Reported Value 8/3/2011	*Drum B* Reported Value 8/3/2011	*Drum C* Reported Value 8/18/2011	*Drum D* Reported Value 8/4/2011	*Drum E* Reported Value 8/4/2011
Perimeter Road Area	***VOCs (total)***	All 8260B VOCs	ug/kg	ND	ND	NA	ND	ND
	SVOCs (total)	Acenapthene	ug/kg	140 U	110 J	7,800	180 U	76 J
Base of Excavation		Fluoranthrene	ug/kg	580	1,600	100,000 D	190	2,500
Sample Type: Soil		Napthalene	ug/kg	180 U	180 U	1,300	220 U	77 J
		Benzo(a)anthracene	ug/kg	300	600	36,000	120 J	1,000
		Benzo(a)pyrene	ug/kg	320	570	27,000	150 J	950
		Benzo(b)fluoranthrene	ug/kg	340	670	35,000	140	1,100
		Benzo(k)fluoranthrene	ug/kg	140	300	14,000	58 J	400
		Chrysene	ug/kg	320	600	32,000	140	1,000
		Acenapthylene	ug/kg	240	180	880 U	120 J	390
		Anthracene	ug/kg	130	400	26,000	60 J	530
		Benzo(ghi)perylene	ug/kg	230	390	17,000	110 J	540
		Fluorene	ug/kg	60 J	160 J	9,600	220 U	360
		Phenanthrene	ug/kg	340	1,300	88,000 D	66 J	2,200
		Dibenzo(a,h)anthracene	ug/kg	50 J	93 J	4,700	130 U	150
		Indeno(1,2,3-cd)Pyrene	ug/kg	200	380	17,000	83 J	550
		Pyrene	ug/kg	640	1,400	78000 D	240	2,000
		Dibenzofuran	ug/kg	180 U	61 J	4,200	220 U	150 J
		2-Methylnapthalene	ug/kg	210 U	210 U	430 J	260 U	250 U
		Carbazole	ug/kg	180 U	210	15,000	220 U	160 J
		All other 8270C SVOCs	ug/kg	ND	ND	ND	ND	ND

Appendix C
Laboratory Analytical Data Reports

ANALYTICAL REPORT

Lab Number:	L1111690
Client:	Envirotest Laboratories Inc. 560 Route 52 Suite 202 Beacon, NY 12508
ATTN:	Dorothy Bergman
Phone:	(845) 562-0890
Project Name:	GROUNDWATER SCIENCES CORP.
Project Number:	Not Specified
Report Date:	08/07/11

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1111690-01	MPRDACONTENT	IBM POUGHKEEPSIE	08/02/11 13:45
L1111690-02	MPRDACONTEN2 (OIL PHASE)	IBM POUGHKEEPSIE	08/02/11 14:05
L1111690-03	MPRDACONTEN2 (SLUDGE PHASE)	IBM POUGHKEEPSIE	08/02/11 14:05
L1111690-04	MPRDEBDSURFS	IBM POUGHKEEPSIE	08/02/11 14:45

Project Name:	GROUNDWATER SCIENCES CORP.	**Lab Number:**	L1111690
Project Number:	Not Specified	**Report Date:**	08/07/11

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Report Submission

This final report replaces the partial report issued on August 5, 2011. The report has been amended to include the results of all requested analyses.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1111690-01, -02 and -04 were evaluated for the presence of Freon 123A as a TIC. Analyte was not detected.

L1111690-01 was re-analyzed on dilution in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound that exceeded the

Case Narrative (continued)

calibration range.
L1111690-04 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics
L1111690-01 and -02 have elevated detection limits due to the dilutions required by the sample matrix (extracts were dark and viscous).
L1111690-04 has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix (extract was dark and viscous).
The surrogate recoveries for L1111690-01, -02 and -04 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl and 4-Terphenyl-d14 (all at 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analysis are reported.
The WG482733-2/-3 LCS/LCSD recoveries, associated with L1111690-01 and -02, were above the acceptance criteria for 2,4-Dinitrotoluene (99%/95%), P-Chloro-M-Cresol (LCS at 112%), 2-Chlorophenol (LCS at 106%), 4-Nitrophenol (223%/220%), 2,4-Dinitrophenol (173%/176%) and Pentachlorophenol (167%/174%); however, the associated samples were non-detect for these target compounds. The results of the original analysis are reported.
The WG482746-2/-3 LCS/LCSD recoveries, associated with L1111690-04, were above the acceptance criteria for 2,4-Dinitrotoluene (118%/113%), P-Chloro-M-Cresol (104%/108%) and 4-Nitrophenol (LCSD at 118%); however, the associated sample was non-detect for these target compounds. The results of the original analysis are reported.
The WG482746-2/-3 LCS/LCSD RPD, associated with L1111690-04, is above the acceptance criteria for 2,4-Dinitrophenol (54%); however, the individual LCS/LCSD recoveries are within method limits.

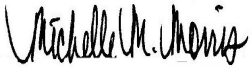
PCB
The surrogate recoveries for L1111690-04 were below the acceptance criteria for 2,4,5,6-Tetrachloro-m-

Project Name:	GROUNDWATER SCIENCES CORP.	**Lab Number:**	L1111690
Project Number:	Not Specified	**Report Date:**	08/07/11

Case Narrative (continued)

xylene (22%) and Decachlorobiphenyl (20%/25%); however, re-extraction achieved similar results for 2,4,5,6-Tetrachloro-m-xylene (27%) and Decachlorobiphenyl (26%/29%). The results of both extractions are reported.
L1111690-04RE has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.
L1111690-04RE: The Continuing Calibration criteria was not met for the confirmatory column; however, the sample was non-detect for the target analytes that failed criteria. Therefore, no further actions were taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 08/07/11

ORGANICS

VOLATILES

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-01	Date Collected:	08/02/11 13:45
Client ID:	MPRDACONTENT	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 00:26		
Analyst:	PD		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5000	410	1
1,1-Dichloroethane	ND		ug/kg	750	150	1
Chloroform	ND		ug/kg	750	160	1
Carbon tetrachloride	ND		ug/kg	500	100	1
1,2-Dichloropropane	ND		ug/kg	1800	130	1
Dibromochloromethane	ND		ug/kg	500	150	1
1,1,2-Trichloroethane	ND		ug/kg	750	200	1
Tetrachloroethene	ND		ug/kg	500	150	1
Chlorobenzene	ND		ug/kg	500	93.	1
Trichlorofluoromethane	ND		ug/kg	2500	200	1
1,2-Dichloroethane	ND		ug/kg	500	110	1
1,1,1-Trichloroethane	ND		ug/kg	500	130	1
Bromodichloromethane	ND		ug/kg	500	190	1
trans-1,3-Dichloropropene	ND		ug/kg	500	150	1
cis-1,3-Dichloropropene	ND		ug/kg	500	130	1
1,1-Dichloropropene	ND		ug/kg	2500	230	1
Bromoform	ND		ug/kg	2000	250	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	500	120	1
Benzene	930		ug/kg	500	150	1
Toluene	9200		ug/kg	750	120	1
Ethylbenzene	10000		ug/kg	500	110	1
Chloromethane	ND		ug/kg	2500	390	1
Bromomethane	ND		ug/kg	1000	320	1
Vinyl chloride	ND		ug/kg	1000	380	1
Chloroethane	ND		ug/kg	1000	220	1
1,1-Dichloroethene	ND		ug/kg	500	130	1
trans-1,2-Dichloroethene	ND		ug/kg	750	200	1
Trichloroethene	ND		ug/kg	500	110	1
1,2-Dichlorobenzene	900	J	ug/kg	2500	180	1
1,3-Dichlorobenzene	ND		ug/kg	2500	200	1
1,4-Dichlorobenzene	ND		ug/kg	2500	210	1

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-01 Date Collected: 08/02/11 13:45

Client ID: MPRDACONTENT Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	31000		ug/kg	1000	220	1
o-Xylene	17000		ug/kg	1000	210	1
cis-1,2-Dichloroethene	ND		ug/kg	500	150	1
Dibromomethane	ND		ug/kg	5000	220	1
Styrene	ND		ug/kg	1000	360	1
Dichlorodifluoromethane	ND		ug/kg	5000	190	1
Acetone	3700	J	ug/kg	5000	1600	1
Carbon disulfide	ND		ug/kg	5000	190	1
2-Butanone	3700	J	ug/kg	5000	1900	1
Vinyl acetate	ND		ug/kg	5000	380	1
4-Methyl-2-pentanone	ND		ug/kg	5000	410	1
1,2,3-Trichloropropane	ND		ug/kg	5000	190	1
2-Hexanone	ND		ug/kg	5000	200	1
Bromochloromethane	ND		ug/kg	2500	150	1
2,2-Dichloropropane	ND		ug/kg	2500	400	1
1,2-Dibromoethane	ND		ug/kg	2000	200	1
1,3-Dichloropropane	ND		ug/kg	2500	280	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	500	160	1
Bromobenzene	ND		ug/kg	2500	110	1
n-Butylbenzene	14000		ug/kg	500	160	1
sec-Butylbenzene	6600		ug/kg	500	140	1
tert-Butylbenzene	380	J	ug/kg	2500	300	1
o-Chlorotoluene	ND		ug/kg	2500	160	1
p-Chlorotoluene	ND		ug/kg	2500	180	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2500	420	1
Hexachlorobutadiene	ND		ug/kg	2500	230	1
Isopropylbenzene	5400		ug/kg	500	88.	1
p-Isopropyltoluene	8500		ug/kg	500	140	1
Naphthalene	130000	E	ug/kg	2500	380	1
Acrylonitrile	ND		ug/kg	5000	190	1
n-Propylbenzene	9500		ug/kg	500	140	1
1,2,3-Trichlorobenzene	ND		ug/kg	2500	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	2500	390	1
1,3,5-Trimethylbenzene	20000		ug/kg	2500	300	1
1,2,4-Trimethylbenzene	63000		ug/kg	2500	290	1
Freon-113	ND		ug/kg	10000	200	1
p-Diethylbenzene	44000		ug/kg	2000	100	1
p-Ethyltoluene	35000		ug/kg	2000	48.	1
1,2,4,5-Tetramethylbenzene	23000		ug/kg	2000	90.	1

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-01 Date Collected: 08/02/11 13:45

Client ID: MPRDACONTENT Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	2500	190	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2500	740	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	89		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-01 D	Date Collected:	08/02/11 13:45
Client ID:	MPRDACONTENT	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 09:16		
Analyst:	PD		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	140000		ug/kg	12000	1900	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-02	Date Collected:	08/02/11 14:05
Client ID:	MPRDACONTEN2 (OIL PHASE)	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 01:00		
Analyst:	PD		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5000	410	1
1,1-Dichloroethane	ND		ug/kg	750	150	1
Chloroform	ND		ug/kg	750	160	1
Carbon tetrachloride	ND		ug/kg	500	100	1
1,2-Dichloropropane	ND		ug/kg	1800	130	1
Dibromochloromethane	ND		ug/kg	500	150	1
1,1,2-Trichloroethane	ND		ug/kg	750	200	1
Tetrachloroethene	ND		ug/kg	500	150	1
Chlorobenzene	ND		ug/kg	500	93.	1
Trichlorofluoromethane	ND		ug/kg	2500	200	1
1,2-Dichloroethane	ND		ug/kg	500	110	1
1,1,1-Trichloroethane	ND		ug/kg	500	130	1
Bromodichloromethane	ND		ug/kg	500	190	1
trans-1,3-Dichloropropene	ND		ug/kg	500	150	1
cis-1,3-Dichloropropene	ND		ug/kg	500	130	1
1,1-Dichloropropene	ND		ug/kg	2500	230	1
Bromoform	ND		ug/kg	2000	250	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	500	120	1
Benzene	390	J	ug/kg	500	150	1
Toluene	5000		ug/kg	750	120	1
Ethylbenzene	6400		ug/kg	500	110	1
Chloromethane	ND		ug/kg	2500	390	1
Bromomethane	ND		ug/kg	1000	320	1
Vinyl chloride	ND		ug/kg	1000	380	1
Chloroethane	ND		ug/kg	1000	220	1
1,1-Dichloroethene	ND		ug/kg	500	130	1
trans-1,2-Dichloroethene	ND		ug/kg	750	200	1
Trichloroethene	ND		ug/kg	500	110	1
1,2-Dichlorobenzene	580	J	ug/kg	2500	180	1
1,3-Dichlorobenzene	ND		ug/kg	2500	200	1
1,4-Dichlorobenzene	ND		ug/kg	2500	210	1

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-02 Date Collected: 08/02/11 14:05

Client ID: MPRDACONTEN2 (OIL PHASE) Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	20000		ug/kg	1000	220	1
o-Xylene	10000		ug/kg	1000	210	1
cis-1,2-Dichloroethene	ND		ug/kg	500	150	1
Dibromomethane	ND		ug/kg	5000	220	1
Styrene	ND		ug/kg	1000	360	1
Dichlorodifluoromethane	ND		ug/kg	5000	190	1
Acetone	3200	J	ug/kg	5000	1600	1
Carbon disulfide	ND		ug/kg	5000	190	1
2-Butanone	2500	J	ug/kg	5000	1900	1
Vinyl acetate	ND		ug/kg	5000	380	1
4-Methyl-2-pentanone	ND		ug/kg	5000	410	1
1,2,3-Trichloropropane	ND		ug/kg	5000	190	1
2-Hexanone	ND		ug/kg	5000	200	1
Bromochloromethane	ND		ug/kg	2500	150	1
2,2-Dichloropropane	ND		ug/kg	2500	400	1
1,2-Dibromoethane	ND		ug/kg	2000	200	1
1,3-Dichloropropane	ND		ug/kg	2500	280	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	500	160	1
Bromobenzene	ND		ug/kg	2500	110	1
n-Butylbenzene	9400		ug/kg	500	160	1
sec-Butylbenzene	4200		ug/kg	500	140	1
tert-Butylbenzene	ND		ug/kg	2500	300	1
o-Chlorotoluene	ND		ug/kg	2500	160	1
p-Chlorotoluene	ND		ug/kg	2500	180	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2500	420	1
Hexachlorobutadiene	ND		ug/kg	2500	230	1
Isopropylbenzene	3600		ug/kg	500	88.	1
p-Isopropyltoluene	5700		ug/kg	500	140	1
Naphthalene	84000		ug/kg	2500	380	1
Acrylonitrile	ND		ug/kg	5000	190	1
n-Propylbenzene	6400		ug/kg	500	140	1
1,2,3-Trichlorobenzene	ND		ug/kg	2500	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	2500	390	1
1,3,5-Trimethylbenzene	14000		ug/kg	2500	300	1
1,2,4-Trimethylbenzene	43000		ug/kg	2500	290	1
Freon-113	ND		ug/kg	10000	200	1
p-Diethylbenzene	29000		ug/kg	2000	100	1
p-Ethyltoluene	24000		ug/kg	2000	48.	1
1,2,4,5-Tetramethylbenzene	15000		ug/kg	2000	90.	1

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-02 Date Collected: 08/02/11 14:05

Client ID: MPRDACONTEN2 (OIL PHASE) Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	2500	190	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2500	740	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-04 D	Date Collected:	08/02/11 14:45
Client ID:	MPRDEBDSURFS	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/04/11 17:49		
Analyst:	BN		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5300	430	160
1,1-Dichloroethane	ND		ug/kg	790	160	160
Chloroform	ND		ug/kg	790	170	160
Carbon tetrachloride	ND		ug/kg	530	110	160
1,2-Dichloropropane	ND		ug/kg	1800	130	160
Dibromochloromethane	ND		ug/kg	530	160	160
1,1,2-Trichloroethane	ND		ug/kg	790	210	160
Tetrachloroethene	ND		ug/kg	530	160	160
Chlorobenzene	ND		ug/kg	530	98.	160
Trichlorofluoromethane	ND		ug/kg	2600	210	160
1,2-Dichloroethane	ND		ug/kg	530	120	160
1,1,1-Trichloroethane	ND		ug/kg	530	140	160
Bromodichloromethane	ND		ug/kg	530	200	160
trans-1,3-Dichloropropene	ND		ug/kg	530	160	160
cis-1,3-Dichloropropene	ND		ug/kg	530	140	160
1,1-Dichloropropene	ND		ug/kg	2600	240	160
Bromoform	ND		ug/kg	2100	260	160
1,1,2,2-Tetrachloroethane	ND		ug/kg	530	130	160
Benzene	ND		ug/kg	530	160	160
Toluene	ND		ug/kg	790	130	160
Ethylbenzene	ND		ug/kg	530	120	160
Chloromethane	ND		ug/kg	2600	410	160
Bromomethane	ND		ug/kg	1000	340	160
Vinyl chloride	ND		ug/kg	1000	400	160
Chloroethane	ND		ug/kg	1000	230	160
1,1-Dichloroethene	ND		ug/kg	530	140	160
trans-1,2-Dichloroethene	ND		ug/kg	790	210	160
Trichloroethene	ND		ug/kg	530	120	160
1,2-Dichlorobenzene	ND		ug/kg	2600	190	160
1,3-Dichlorobenzene	ND		ug/kg	2600	210	160
1,4-Dichlorobenzene	ND		ug/kg	2600	220	160

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-04 D Date Collected: 08/02/11 14:45

Client ID: MPRDEBDSURFS Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	1000	230	160
o-Xylene	ND		ug/kg	1000	220	160
cis-1,2-Dichloroethene	ND		ug/kg	530	160	160
Dibromomethane	ND		ug/kg	5300	230	160
Styrene	ND		ug/kg	1000	380	160
Dichlorodifluoromethane	ND		ug/kg	5300	200	160
Acetone	ND		ug/kg	5300	1700	160
Carbon disulfide	ND		ug/kg	5300	200	160
2-Butanone	ND		ug/kg	5300	2000	160
Vinyl acetate	ND		ug/kg	5300	400	160
4-Methyl-2-pentanone	ND		ug/kg	5300	430	160
1,2,3-Trichloropropane	ND		ug/kg	5300	200	160
2-Hexanone	ND		ug/kg	5300	210	160
Bromochloromethane	ND		ug/kg	2600	160	160
2,2-Dichloropropane	ND		ug/kg	2600	420	160
1,2-Dibromoethane	ND		ug/kg	2100	220	160
1,3-Dichloropropane	ND		ug/kg	2600	300	160
1,1,1,2-Tetrachloroethane	ND		ug/kg	530	170	160
Bromobenzene	ND		ug/kg	2600	120	160
n-Butylbenzene	ND		ug/kg	530	160	160
sec-Butylbenzene	200	J	ug/kg	530	140	160
tert-Butylbenzene	ND		ug/kg	2600	320	160
o-Chlorotoluene	ND		ug/kg	2600	160	160
p-Chlorotoluene	ND		ug/kg	2600	190	160
1,2-Dibromo-3-chloropropane	ND		ug/kg	2600	440	160
Hexachlorobutadiene	ND		ug/kg	2600	240	160
Isopropylbenzene	ND		ug/kg	530	93.	160
p-Isopropyltoluene	ND		ug/kg	530	140	160
Naphthalene	ND		ug/kg	2600	400	160
Acrylonitrile	ND		ug/kg	5300	200	160
n-Propylbenzene	ND		ug/kg	530	150	160
1,2,3-Trichlorobenzene	ND		ug/kg	2600	210	160
1,2,4-Trichlorobenzene	ND		ug/kg	2600	420	160
1,3,5-Trimethylbenzene	440	J	ug/kg	2600	320	160
1,2,4-Trimethylbenzene	950	J	ug/kg	2600	300	160
Freon-113	ND		ug/kg	10000	210	160
p-Diethylbenzene	1900	J	ug/kg	2100	100	160
p-Ethyltoluene	ND		ug/kg	2100	51.	160
1,2,4,5-Tetramethylbenzene	1100	J	ug/kg	2100	95.	160

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-04 D
Client ID: MPRDEBDSURFS
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/02/11 14:45
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	2600	200	160
trans-1,4-Dichloro-2-butene	ND		ug/kg	2600	780	160

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	85		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 09:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG483007-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 09:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG483007-3					
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94
n-Propylbenzene	ND		ug/kg	2.5	0.71

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 09:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG483007-3					
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
Freon-113	ND		ug/kg	50	0.99
p-Diethylbenzene	ND		ug/kg	10	0.50
p-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	92		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 14:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG483050-3					
Methylene chloride	ND		ug/kg	5.0	0.41
1,1-Dichloroethane	ND		ug/kg	0.75	0.15
Chloroform	ND		ug/kg	0.75	0.16
Carbon tetrachloride	ND		ug/kg	0.50	0.10
1,2-Dichloropropane	ND		ug/kg	1.8	0.13
Dibromochloromethane	ND		ug/kg	0.50	0.15
1,1,2-Trichloroethane	ND		ug/kg	0.75	0.20
Tetrachloroethene	ND		ug/kg	0.50	0.15
Chlorobenzene	ND		ug/kg	0.50	0.09
Trichlorofluoromethane	ND		ug/kg	2.5	0.20
1,2-Dichloroethane	ND		ug/kg	0.50	0.11
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.13
Bromodichloromethane	ND		ug/kg	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/kg	0.50	0.15
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.13
1,1-Dichloropropene	ND		ug/kg	2.5	0.23
Bromoform	ND		ug/kg	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.12
Benzene	ND		ug/kg	0.50	0.15
Toluene	ND		ug/kg	0.75	0.12
Ethylbenzene	ND		ug/kg	0.50	0.11
Chloromethane	ND		ug/kg	2.5	0.39
Bromomethane	ND		ug/kg	1.0	0.32
Vinyl chloride	ND		ug/kg	1.0	0.38
Chloroethane	ND		ug/kg	1.0	0.22
1,1-Dichloroethene	ND		ug/kg	0.50	0.13
trans-1,2-Dichloroethene	ND		ug/kg	0.75	0.20
Trichloroethene	ND		ug/kg	0.50	0.11
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.20
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 14:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG483050-3					
p/m-Xylene	ND		ug/kg	1.0	0.22
o-Xylene	ND		ug/kg	1.0	0.21
cis-1,2-Dichloroethene	ND		ug/kg	0.50	0.15
Dibromomethane	ND		ug/kg	5.0	0.22
Styrene	ND		ug/kg	1.0	0.36
Dichlorodifluoromethane	ND		ug/kg	5.0	0.19
Acetone	ND		ug/kg	5.0	1.6
Carbon disulfide	ND		ug/kg	5.0	0.19
2-Butanone	ND		ug/kg	5.0	1.9
Vinyl acetate	ND		ug/kg	5.0	0.38
4-Methyl-2-pentanone	ND		ug/kg	5.0	0.41
1,2,3-Trichloropropane	ND		ug/kg	5.0	0.19
2-Hexanone	ND		ug/kg	5.0	0.20
Bromochloromethane	ND		ug/kg	2.5	0.15
2,2-Dichloropropane	ND		ug/kg	2.5	0.40
1,2-Dibromoethane	ND		ug/kg	2.0	0.20
1,3-Dichloropropane	ND		ug/kg	2.5	0.28
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.16
Bromobenzene	ND		ug/kg	2.5	0.11
n-Butylbenzene	ND		ug/kg	0.50	0.16
sec-Butylbenzene	ND		ug/kg	0.50	0.14
tert-Butylbenzene	ND		ug/kg	2.5	0.30
o-Chlorotoluene	ND		ug/kg	2.5	0.16
p-Chlorotoluene	ND		ug/kg	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.42
Hexachlorobutadiene	ND		ug/kg	2.5	0.23
Isopropylbenzene	ND		ug/kg	0.50	0.09
p-Isopropyltoluene	ND		ug/kg	0.50	0.14
Naphthalene	ND		ug/kg	2.5	0.38
Acrylonitrile	ND		ug/kg	5.0	0.19
n-Propylbenzene	ND		ug/kg	0.50	0.14

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/04/11 14:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG483050-3					
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.20
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.39
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.30
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.29
Freon-113	ND		ug/kg	10	0.20
p-Diethylbenzene	ND		ug/kg	2.0	0.10
p-Ethyltoluene	ND		ug/kg	2.0	0.05
1,2,4,5-Tetramethylbenzene	0.10	J	ug/kg	2.0	0.09
Ethyl ether	ND		ug/kg	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.5	0.74
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 08:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483050-6					
Methylene chloride	ND		ug/kg	5.0	0.41
1,1-Dichloroethane	ND		ug/kg	0.75	0.15
Chloroform	ND		ug/kg	0.75	0.16
Carbon tetrachloride	ND		ug/kg	0.50	0.10
1,2-Dichloropropane	ND		ug/kg	1.8	0.13
Dibromochloromethane	ND		ug/kg	0.50	0.15
1,1,2-Trichloroethane	ND		ug/kg	0.75	0.20
Tetrachloroethene	ND		ug/kg	0.50	0.15
Chlorobenzene	ND		ug/kg	0.50	0.09
Trichlorofluoromethane	ND		ug/kg	2.5	0.20
1,2-Dichloroethane	ND		ug/kg	0.50	0.11
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.13
Bromodichloromethane	ND		ug/kg	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/kg	0.50	0.15
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.13
1,1-Dichloropropene	ND		ug/kg	2.5	0.23
Bromoform	ND		ug/kg	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.12
Benzene	ND		ug/kg	0.50	0.15
Toluene	ND		ug/kg	0.75	0.12
Ethylbenzene	ND		ug/kg	0.50	0.11
Chloromethane	ND		ug/kg	2.5	0.39
Bromomethane	ND		ug/kg	1.0	0.32
Vinyl chloride	ND		ug/kg	1.0	0.38
Chloroethane	ND		ug/kg	1.0	0.22
1,1-Dichloroethene	ND		ug/kg	0.50	0.13
trans-1,2-Dichloroethene	ND		ug/kg	0.75	0.20
Trichloroethene	ND		ug/kg	0.50	0.11
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.20
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 08:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483050-6					
p/m-Xylene	ND		ug/kg	1.0	0.22
o-Xylene	ND		ug/kg	1.0	0.21
cis-1,2-Dichloroethene	ND		ug/kg	0.50	0.15
Dibromomethane	ND		ug/kg	5.0	0.22
Styrene	ND		ug/kg	1.0	0.36
Dichlorodifluoromethane	ND		ug/kg	5.0	0.19
Acetone	ND		ug/kg	5.0	1.6
Carbon disulfide	ND		ug/kg	5.0	0.19
2-Butanone	ND		ug/kg	5.0	1.9
Vinyl acetate	ND		ug/kg	5.0	0.38
4-Methyl-2-pentanone	ND		ug/kg	5.0	0.41
1,2,3-Trichloropropane	ND		ug/kg	5.0	0.19
2-Hexanone	ND		ug/kg	5.0	0.20
Bromochloromethane	ND		ug/kg	2.5	0.15
2,2-Dichloropropane	ND		ug/kg	2.5	0.40
1,2-Dibromoethane	ND		ug/kg	2.0	0.20
1,3-Dichloropropane	ND		ug/kg	2.5	0.28
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.16
Bromobenzene	ND		ug/kg	2.5	0.11
n-Butylbenzene	ND		ug/kg	0.50	0.16
sec-Butylbenzene	ND		ug/kg	0.50	0.14
tert-Butylbenzene	ND		ug/kg	2.5	0.30
o-Chlorotoluene	ND		ug/kg	2.5	0.16
p-Chlorotoluene	ND		ug/kg	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.42
Hexachlorobutadiene	ND		ug/kg	2.5	0.23
Isopropylbenzene	ND		ug/kg	0.50	0.09
p-Isopropyltoluene	ND		ug/kg	0.50	0.14
Naphthalene	ND		ug/kg	2.5	0.38
Acrylonitrile	ND		ug/kg	5.0	0.19
n-Propylbenzene	ND		ug/kg	0.50	0.14

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 08:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483050-6					
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.20
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.39
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.30
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.29
Freon-113	ND		ug/kg	10	0.20
p-Diethylbenzene	ND		ug/kg	2.0	0.10
p-Ethyltoluene	ND		ug/kg	2.0	0.05
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.09
Ethyl ether	ND		ug/kg	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.5	0.74
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.

Project Number: Not Specified

Lab Number: L1111690

Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG483007-1 WG483007-2								
Chlorobenzene	97		96		60-133	1		30
Benzene	101		99		66-142	2		30
Toluene	96		94		59-139	2		30
1,1-Dichloroethene	102		96		59-172	6		30
Trichloroethene	94		94		62-137	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	97		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG483050-1 WG483050-2								
Chlorobenzene	100		98		60-133	2		30
Benzene	99		99		66-142	0		30
Toluene	94		95		59-139	1		30
1,1-Dichloroethene	99		96		59-172	3		30
Trichloroethene	105		102		62-137	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		109		70-130
Toluene-d8	93		97		70-130
4-Bromofluorobenzene	99		96		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.

Project Number: Not Specified

Lab Number: L1111690

Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG483050-4 WG483050-5								
Chlorobenzene	100		102		60-133	2		30
Benzene	97		98		66-142	1		30
Toluene	97		99		59-139	2		30
1,1-Dichloroethene	98		100		59-172	2		30
Trichloroethene	102		102		62-137	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-01 D	Date Collected:	08/02/11 13:45
Client ID:	MPRDACONTENT	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil	Extraction Method:	EPA 3580A
Analytical Method:	1,8270C	Extraction Date:	08/04/11 00:58
Analytical Date:	08/04/11 16:39		
Analyst:	RC		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	790000	210000	20
1,2,4-Trichlorobenzene	ND		ug/kg	980000	290000	20
Hexachlorobenzene	ND		ug/kg	590000	150000	20
Bis(2-chloroethyl)ether	ND		ug/kg	880000	190000	20
2-Chloronaphthalene	ND		ug/kg	980000	300000	20
1,2-Dichlorobenzene	ND		ug/kg	980000	290000	20
1,3-Dichlorobenzene	ND		ug/kg	980000	300000	20
1,4-Dichlorobenzene	ND		ug/kg	980000	280000	20
3,3'-Dichlorobenzidine	ND		ug/kg	980000	360000	20
2,4-Dinitrotoluene	ND		ug/kg	980000	300000	20
2,6-Dinitrotoluene	ND		ug/kg	980000	320000	20
Fluoranthene	ND		ug/kg	590000	130000	20
4-Chlorophenyl phenyl ether	ND		ug/kg	980000	170000	20
4-Bromophenyl phenyl ether	ND		ug/kg	980000	200000	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200000	280000	20
Bis(2-chloroethoxy)methane	ND		ug/kg	1100000	250000	20
Hexachlorobutadiene	ND		ug/kg	980000	260000	20
Hexachlorocyclopentadiene	ND		ug/kg	2800000	780000	20
Hexachloroethane	ND		ug/kg	790000	140000	20
Isophorone	ND		ug/kg	880000	230000	20
Naphthalene	350000	J	ug/kg	980000	310000	20
Nitrobenzene	ND		ug/kg	880000	290000	20
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	790000	250000	20
n-Nitrosodi-n-propylamine	ND		ug/kg	980000	280000	20
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	980000	200000	20
Butyl benzyl phthalate	ND		ug/kg	980000	280000	20
Di-n-butylphthalate	ND		ug/kg	980000	170000	20
Di-n-octylphthalate	ND		ug/kg	980000	260000	20
Diethyl phthalate	ND		ug/kg	980000	170000	20
Dimethyl phthalate	ND		ug/kg	980000	160000	20
Benzo(a)anthracene	ND		ug/kg	590000	190000	20

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-01 D Date Collected: 08/02/11 13:45

Client ID: MPRDACONTENT Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	790000	230000	20
Benzo(b)fluoranthene	ND		ug/kg	590000	170000	20
Benzo(k)fluoranthene	ND		ug/kg	590000	150000	20
Chrysene	ND		ug/kg	590000	150000	20
Acenaphthylene	ND		ug/kg	790000	260000	20
Anthracene	ND		ug/kg	590000	140000	20
Benzo(ghi)perylene	ND		ug/kg	790000	250000	20
Fluorene	ND		ug/kg	980000	180000	20
Phenanthrene	390000	J	ug/kg	590000	160000	20
Dibenzo(a,h)anthracene	ND		ug/kg	590000	180000	20
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	790000	240000	20
Pyrene	ND		ug/kg	590000	160000	20
Biphenyl	ND		ug/kg	2200000	690000	20
4-Chloroaniline	ND		ug/kg	980000	330000	20
2-Nitroaniline	ND		ug/kg	980000	180000	20
3-Nitroaniline	ND		ug/kg	980000	110000	20
4-Nitroaniline	ND		ug/kg	980000	600000	20
Dibenzofuran	ND		ug/kg	980000	200000	20
2-Methylnaphthalene	1400000		ug/kg	1200000	390000	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	980000	310000	20
Acetophenone	ND		ug/kg	980000	320000	20
2,4,6-Trichlorophenol	ND		ug/kg	590000	180000	20
P-Chloro-M-Cresol	ND		ug/kg	980000	200000	20
2-Chlorophenol	ND		ug/kg	980000	310000	20
2,4-Dichlorophenol	ND		ug/kg	880000	290000	20
2,4-Dimethylphenol	ND		ug/kg	980000	400000	20
2-Nitrophenol	ND		ug/kg	2100000	720000	20
4-Nitrophenol	ND		ug/kg	1400000	420000	20
2,4-Dinitrophenol	ND		ug/kg	4700000	1500000	20
4,6-Dinitro-o-cresol	ND		ug/kg	2600000	930000	20
Pentachlorophenol	ND		ug/kg	790000	230000	20
Phenol	ND		ug/kg	980000	310000	20
2-Methylphenol	ND		ug/kg	980000	240000	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400000	420000	20
2,4,5-Trichlorophenol	ND		ug/kg	980000	230000	20
Benzoic Acid	ND		ug/kg	3200000	830000	20
Benzyl Alcohol	ND		ug/kg	980000	230000	20
Carbazole	ND		ug/kg	980000	160000	20

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-01 D
Client ID: MPRDACONTENT
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/02/11 13:45
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-02 D	Date Collected:	08/02/11 14:05
Client ID:	MPRDACONTEN2 (OIL PHASE)	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil	Extraction Method:	EPA 3580A
Analytical Method:	1,8270C	Extraction Date:	08/04/11 00:58
Analytical Date:	08/04/11 17:05		
Analyst:	RC		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	800000	210000	20
1,2,4-Trichlorobenzene	ND		ug/kg	990000	290000	20
Hexachlorobenzene	ND		ug/kg	600000	160000	20
Bis(2-chloroethyl)ether	ND		ug/kg	890000	190000	20
2-Chloronaphthalene	ND		ug/kg	990000	300000	20
1,2-Dichlorobenzene	ND		ug/kg	990000	290000	20
1,3-Dichlorobenzene	ND		ug/kg	990000	310000	20
1,4-Dichlorobenzene	ND		ug/kg	990000	280000	20
3,3'-Dichlorobenzidine	ND		ug/kg	990000	360000	20
2,4-Dinitrotoluene	ND		ug/kg	990000	300000	20
2,6-Dinitrotoluene	ND		ug/kg	990000	330000	20
Fluoranthene	ND		ug/kg	600000	130000	20
4-Chlorophenyl phenyl ether	ND		ug/kg	990000	180000	20
4-Bromophenyl phenyl ether	ND		ug/kg	990000	210000	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200000	280000	20
Bis(2-chloroethoxy)methane	ND		ug/kg	1100000	250000	20
Hexachlorobutadiene	ND		ug/kg	990000	260000	20
Hexachlorocyclopentadiene	ND		ug/kg	2800000	790000	20
Hexachloroethane	ND		ug/kg	800000	140000	20
Isophorone	ND		ug/kg	890000	240000	20
Naphthalene	ND		ug/kg	990000	320000	20
Nitrobenzene	ND		ug/kg	890000	290000	20
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	800000	250000	20
n-Nitrosodi-n-propylamine	ND		ug/kg	990000	280000	20
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	990000	200000	20
Butyl benzyl phthalate	ND		ug/kg	990000	280000	20
Di-n-butylphthalate	ND		ug/kg	990000	170000	20
Di-n-octylphthalate	ND		ug/kg	990000	270000	20
Diethyl phthalate	ND		ug/kg	990000	170000	20
Dimethyl phthalate	ND		ug/kg	990000	160000	20
Benzo(a)anthracene	ND		ug/kg	600000	200000	20

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-02 D Date Collected: 08/02/11 14:05

Client ID: MPRDACONTEN2 (OIL PHASE) Date Received: 08/03/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	800000	240000	20
Benzo(b)fluoranthene	ND		ug/kg	600000	180000	20
Benzo(k)fluoranthene	ND		ug/kg	600000	150000	20
Chrysene	ND		ug/kg	600000	150000	20
Acenaphthylene	ND		ug/kg	800000	260000	20
Anthracene	ND		ug/kg	600000	140000	20
Benzo(ghi)perylene	ND		ug/kg	800000	250000	20
Fluorene	ND		ug/kg	990000	180000	20
Phenanthrene	370000	J	ug/kg	600000	160000	20
Dibenzo(a,h)anthracene	ND		ug/kg	600000	180000	20
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	800000	240000	20
Pyrene	ND		ug/kg	600000	160000	20
Biphenyl	ND		ug/kg	2300000	690000	20
4-Chloroaniline	ND		ug/kg	990000	330000	20
2-Nitroaniline	ND		ug/kg	990000	180000	20
3-Nitroaniline	ND		ug/kg	990000	110000	20
4-Nitroaniline	ND		ug/kg	990000	600000	20
Dibenzofuran	ND		ug/kg	990000	200000	20
2-Methylnaphthalene	1300000		ug/kg	1200000	390000	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	990000	320000	20
Acetophenone	ND		ug/kg	990000	320000	20
2,4,6-Trichlorophenol	ND		ug/kg	600000	180000	20
P-Chloro-M-Cresol	ND		ug/kg	990000	200000	20
2-Chlorophenol	ND		ug/kg	990000	310000	20
2,4-Dichlorophenol	ND		ug/kg	890000	290000	20
2,4-Dimethylphenol	ND		ug/kg	990000	410000	20
2-Nitrophenol	ND		ug/kg	2100000	720000	20
4-Nitrophenol	ND		ug/kg	1400000	420000	20
2,4-Dinitrophenol	ND		ug/kg	4800000	1500000	20
4,6-Dinitro-o-cresol	ND		ug/kg	2600000	940000	20
Pentachlorophenol	ND		ug/kg	800000	240000	20
Phenol	ND		ug/kg	990000	310000	20
2-Methylphenol	ND		ug/kg	990000	240000	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400000	430000	20
2,4,5-Trichlorophenol	ND		ug/kg	990000	230000	20
Benzoic Acid	ND		ug/kg	3200000	840000	20
Benzyl Alcohol	ND		ug/kg	990000	230000	20
Carbazole	ND		ug/kg	990000	160000	20

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-02 D
Client ID: MPRDACONTEN2 (OIL PHASE)
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/02/11 14:05
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-04 D	Date Collected:	08/02/11 14:45
Client ID:	MPRDEBDSURFS	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/04/11 04:58
Analytical Date:	08/05/11 03:54		
Analyst:	JB		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	27000	7300	80
1,2,4-Trichlorobenzene	ND		ug/kg	34000	9900	80
Hexachlorobenzene	ND		ug/kg	20000	5300	80
Bis(2-chloroethyl)ether	ND		ug/kg	30000	6400	80
2-Chloronaphthalene	ND		ug/kg	34000	10000	80
1,2-Dichlorobenzene	ND		ug/kg	34000	10000	80
1,3-Dichlorobenzene	ND		ug/kg	34000	10000	80
1,4-Dichlorobenzene	ND		ug/kg	34000	9600	80
3,3'-Dichlorobenzidine	ND		ug/kg	34000	12000	80
2,4-Dinitrotoluene	ND		ug/kg	34000	10000	80
2,6-Dinitrotoluene	ND		ug/kg	34000	11000	80
Fluoranthene	ND		ug/kg	20000	4400	80
4-Chlorophenyl phenyl ether	ND		ug/kg	34000	6000	80
4-Bromophenyl phenyl ether	ND		ug/kg	34000	7100	80
Bis(2-chloroisopropyl)ether	ND		ug/kg	41000	9600	80
Bis(2-chloroethoxy)methane	ND		ug/kg	37000	8500	80
Hexachlorobutadiene	ND		ug/kg	34000	9000	80
Hexachlorocyclopentadiene	ND		ug/kg	97000	27000	80
Hexachloroethane	ND		ug/kg	27000	4900	80
Isophorone	ND		ug/kg	30000	8100	80
Naphthalene	ND		ug/kg	34000	11000	80
Nitrobenzene	ND		ug/kg	30000	9900	80
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	27000	8500	80
n-Nitrosodi-n-propylamine	ND		ug/kg	34000	9500	80
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	34000	7000	80
Butyl benzyl phthalate	ND		ug/kg	34000	9500	80
Di-n-butylphthalate	ND		ug/kg	34000	5800	80
Di-n-octylphthalate	ND		ug/kg	34000	9200	80
Diethyl phthalate	ND		ug/kg	34000	5900	80
Dimethyl phthalate	ND		ug/kg	34000	5600	80
Benzo(a)anthracene	ND		ug/kg	20000	6700	80

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-04 D
Client ID: MPRDEBDSURFS
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/02/11 14:45
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	27000	8100	80
Benzo(b)fluoranthene	ND		ug/kg	20000	6000	80
Benzo(k)fluoranthene	ND		ug/kg	20000	5200	80
Chrysene	ND		ug/kg	20000	5300	80
Acenaphthylene	ND		ug/kg	27000	8800	80
Anthracene	ND		ug/kg	20000	4700	80
Benzo(ghi)perylene	ND		ug/kg	27000	8600	80
Fluorene	ND		ug/kg	34000	6200	80
Phenanthrene	ND		ug/kg	20000	5700	80
Dibenzo(a,h)anthracene	ND		ug/kg	20000	6300	80
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	27000	8300	80
Pyrene	15000	J	ug/kg	20000	5600	80
Biphenyl	ND		ug/kg	77000	24000	80
4-Chloroaniline	ND		ug/kg	34000	11000	80
2-Nitroaniline	ND		ug/kg	34000	6200	80
3-Nitroaniline	ND		ug/kg	34000	3800	80
4-Nitroaniline	ND		ug/kg	34000	21000	80
Dibenzofuran	ND		ug/kg	34000	7000	80
2-Methylnaphthalene	ND		ug/kg	41000	13000	80
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	34000	11000	80
Acetophenone	ND		ug/kg	34000	11000	80
2,4,6-Trichlorophenol	ND		ug/kg	20000	6200	80
P-Chloro-M-Cresol	ND		ug/kg	34000	6900	80
2-Chlorophenol	ND		ug/kg	34000	11000	80
2,4-Dichlorophenol	ND		ug/kg	30000	9900	80
2,4-Dimethylphenol	ND		ug/kg	34000	14000	80
2-Nitrophenol	ND		ug/kg	73000	25000	80
4-Nitrophenol	ND		ug/kg	48000	14000	80
2,4-Dinitrophenol	ND		ug/kg	160000	53000	80
4,6-Dinitro-o-cresol	ND		ug/kg	88000	32000	80
Pentachlorophenol	ND		ug/kg	27000	8000	80
Phenol	ND		ug/kg	34000	11000	80
2-Methylphenol	ND		ug/kg	34000	8400	80
3-Methylphenol/4-Methylphenol	ND		ug/kg	49000	15000	80
2,4,5-Trichlorophenol	ND		ug/kg	34000	7900	80
Benzoic Acid	ND		ug/kg	110000	29000	80
Benzyl Alcohol	ND		ug/kg	34000	7900	80
Carbazole	ND		ug/kg	34000	5500	80

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-04 D
Client ID: MPRDEBDSURFS
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/02/11 14:45
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 15:21
Analyst: RC

Extraction Method: EPA 3580A
Extraction Date: 08/04/11 00:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG482733-1					
Acenaphthene	ND		ug/kg	40000	11000
1,2,4-Trichlorobenzene	ND		ug/kg	50000	14000
Hexachlorobenzene	ND		ug/kg	30000	7800
Bis(2-chloroethyl)ether	ND		ug/kg	45000	9500
2-Chloronaphthalene	ND		ug/kg	50000	15000
1,2-Dichlorobenzene	ND		ug/kg	50000	15000
1,3-Dichlorobenzene	ND		ug/kg	50000	15000
1,4-Dichlorobenzene	ND		ug/kg	50000	14000
3,3'-Dichlorobenzidine	ND		ug/kg	50000	18000
2,4-Dinitrotoluene	ND		ug/kg	50000	15000
2,6-Dinitrotoluene	ND		ug/kg	50000	16000
Fluoranthene	ND		ug/kg	30000	6500
4-Chlorophenyl phenyl ether	ND		ug/kg	50000	8800
4-Bromophenyl phenyl ether	ND		ug/kg	50000	10000
Bis(2-chloroisopropyl)ether	ND		ug/kg	60000	14000
Bis(2-chloroethoxy)methane	ND		ug/kg	54000	12000
Hexachlorobutadiene	ND		ug/kg	50000	13000
Hexachlorocyclopentadiene	ND		ug/kg	140000	40000
Hexachloroethane	ND		ug/kg	40000	7200
Isophorone	ND		ug/kg	45000	12000
Naphthalene	ND		ug/kg	50000	16000
Nitrobenzene	ND		ug/kg	45000	14000
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	40000	12000
n-Nitrosodi-n-propylamine	ND		ug/kg	50000	14000
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	50000	10000
Butyl benzyl phthalate	ND		ug/kg	50000	14000
Di-n-butylphthalate	ND		ug/kg	50000	8500
Di-n-octylphthalate	ND		ug/kg	50000	14000
Diethyl phthalate	ND		ug/kg	50000	8700
Dimethyl phthalate	ND		ug/kg	50000	8200
Benzo(a)anthracene	ND		ug/kg	30000	9900

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 15:21
Analyst: RC

Extraction Method: EPA 3580A
Extraction Date: 08/04/11 00:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG482733-1					
Benzo(a)pyrene	ND		ug/kg	40000	12000
Benzo(b)fluoranthene	ND		ug/kg	30000	8900
Benzo(k)fluoranthene	ND		ug/kg	30000	7700
Chrysene	ND		ug/kg	30000	7800
Acenaphthylene	ND		ug/kg	40000	13000
Anthracene	ND		ug/kg	30000	6900
Benzo(ghi)perylene	ND		ug/kg	40000	13000
Fluorene	ND		ug/kg	50000	9200
Phenanthrene	ND		ug/kg	30000	8300
Dibenzo(a,h)anthracene	ND		ug/kg	30000	9300
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	40000	12000
Pyrene	ND		ug/kg	30000	8200
Biphenyl	ND		ug/kg	110000	35000
4-Chloroaniline	ND		ug/kg	50000	17000
2-Nitroaniline	ND		ug/kg	50000	9200
3-Nitroaniline	ND		ug/kg	50000	5600
4-Nitroaniline	ND		ug/kg	50000	30000
Dibenzofuran	ND		ug/kg	50000	10000
2-Methylnaphthalene	ND		ug/kg	60000	20000
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	50000	16000
Acetophenone	ND		ug/kg	50000	16000
2,4,6-Trichlorophenol	ND		ug/kg	30000	9200
P-Chloro-M-Cresol	ND		ug/kg	50000	10000
2-Chlorophenol	ND		ug/kg	50000	16000
2,4-Dichlorophenol	ND		ug/kg	45000	14000
2,4-Dimethylphenol	ND		ug/kg	50000	21000
2-Nitrophenol	ND		ug/kg	110000	36000
4-Nitrophenol	ND		ug/kg	70000	21000
2,4-Dinitrophenol	ND		ug/kg	240000	77000
4,6-Dinitro-o-cresol	ND		ug/kg	130000	47000
Pentachlorophenol	ND		ug/kg	40000	12000

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 15:21
Analyst: RC

Extraction Method: EPA 3580A
Extraction Date: 08/04/11 00:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG482733-1					
Phenol	ND		ug/kg	50000	16000
2-Methylphenol	ND		ug/kg	50000	12000
3-Methylphenol/4-Methylphenol	ND		ug/kg	72000	22000
2,4,5-Trichlorophenol	ND		ug/kg	50000	12000
Benzoic Acid	ND		ug/kg	160000	42000
Benzyl Alcohol	ND		ug/kg	50000	12000
Carbazole	ND		ug/kg	50000	8000

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	95		18-120

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 20:38
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/04/11 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG482746-1					
Acenaphthene	ND		ug/kg	270	72.
1,2,4-Trichlorobenzene	ND		ug/kg	330	97.
Hexachlorobenzene	ND		ug/kg	200	52.
Bis(2-chloroethyl)ether	ND		ug/kg	300	63.
2-Chloronaphthalene	ND		ug/kg	330	100
1,2-Dichlorobenzene	ND		ug/kg	330	98.
1,3-Dichlorobenzene	ND		ug/kg	330	100
1,4-Dichlorobenzene	ND		ug/kg	330	95.
3,3'-Dichlorobenzidine	ND		ug/kg	330	120
2,4-Dinitrotoluene	ND		ug/kg	330	100
2,6-Dinitrotoluene	ND		ug/kg	330	110
Fluoranthene	ND		ug/kg	200	44.
4-Chlorophenyl phenyl ether	ND		ug/kg	330	59.
4-Bromophenyl phenyl ether	ND		ug/kg	330	69.
Bis(2-chloroisopropyl)ether	ND		ug/kg	400	94.
Bis(2-chloroethoxy)methane	ND		ug/kg	360	84.
Hexachlorobutadiene	ND		ug/kg	330	89.
Hexachlorocyclopentadiene	ND		ug/kg	960	260
Hexachloroethane	ND		ug/kg	270	48.
Isophorone	ND		ug/kg	300	79.
Naphthalene	ND		ug/kg	330	100
Nitrobenzene	ND		ug/kg	300	97.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	270	84.
n-Nitrosodi-n-propylamine	ND		ug/kg	330	93.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	330	69.
Butyl benzyl phthalate	ND		ug/kg	330	94.
Di-n-butylphthalate	ND		ug/kg	330	57.
Di-n-octylphthalate	ND		ug/kg	330	90.
Diethyl phthalate	ND		ug/kg	330	58.
Dimethyl phthalate	ND		ug/kg	330	55.
Benzo(a)anthracene	ND		ug/kg	200	66.

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 20:38
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/04/11 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG482746-1					
Benzo(a)pyrene	ND		ug/kg	270	79.
Benzo(b)fluoranthene	ND		ug/kg	200	59.
Benzo(k)fluoranthene	ND		ug/kg	200	51.
Chrysene	ND		ug/kg	200	52.
Acenaphthylene	ND		ug/kg	270	86.
Anthracene	ND		ug/kg	200	46.
Benzo(ghi)perylene	ND		ug/kg	270	84.
Fluorene	ND		ug/kg	330	61.
Phenanthrene	ND		ug/kg	200	56.
Dibenzo(a,h)anthracene	ND		ug/kg	200	62.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	270	81.
Pyrene	ND		ug/kg	200	55.
Biphenyl	ND		ug/kg	760	230
4-Chloroaniline	ND		ug/kg	330	110
2-Nitroaniline	ND		ug/kg	330	61.
3-Nitroaniline	ND		ug/kg	330	37.
4-Nitroaniline	ND		ug/kg	330	200
Dibenzofuran	ND		ug/kg	330	68.
2-Methylnaphthalene	ND		ug/kg	400	130
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	330	110
Acetophenone	ND		ug/kg	330	110
2,4,6-Trichlorophenol	ND		ug/kg	200	61.
P-Chloro-M-Cresol	ND		ug/kg	330	68.
2-Chlorophenol	ND		ug/kg	330	100
2,4-Dichlorophenol	ND		ug/kg	300	97.
2,4-Dimethylphenol	ND		ug/kg	330	140
2-Nitrophenol	ND		ug/kg	720	240
4-Nitrophenol	ND		ug/kg	470	140
2,4-Dinitrophenol	ND		ug/kg	1600	520
4,6-Dinitro-o-cresol	ND		ug/kg	870	310
Pentachlorophenol	ND		ug/kg	270	79.

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/04/11 20:38
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/04/11 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG482746-1					
Phenol	ND		ug/kg	330	100
2-Methylphenol	ND		ug/kg	330	82.
3-Methylphenol/4-Methylphenol	ND		ug/kg	480	140
2,4,5-Trichlorophenol	ND		ug/kg	330	78.
Benzoic Acid	ND		ug/kg	1100	280
Benzyl Alcohol	ND		ug/kg	330	77.
Carbazole	ND		ug/kg	330	54.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	101		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.

Project Number: Not Specified

Lab Number: L1111690

Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG482733-2 WG482733-3								
Acenaphthene	95		92		31-137	3		50
1,2,4-Trichlorobenzene	93		86		38-107	8		50
2-Chloronaphthalene	95		106		40-140	11		50
1,2-Dichlorobenzene	101		98		40-140	3		50
1,4-Dichlorobenzene	101		98		28-104	3		50
2,4-Dinitrotoluene	**99**	Q	**95**	Q	28-89	4		50
2,6-Dinitrotoluene	102		98		40-140	4		50
Fluoranthene	98		99		40-140	1		50
4-Chlorophenyl phenyl ether	110		98		40-140	12		50
n-Nitrosodi-n-propylamine	82		86		41-126	5		50
Butyl benzyl phthalate	108		101		40-140	7		50
Anthracene	93		92		40-140	1		50
Pyrene	98		96		35-142	2		50
P-Chloro-M-Cresol	**112**	Q	87		26-103	25		50
2-Chlorophenol	**106**	Q	101		25-102	5		50
2-Nitrophenol	89		98		30-130	10		50
4-Nitrophenol	**223**	Q	**220**	Q	11-114	1		50
2,4-Dinitrophenol	**173**	Q	**176**	Q	4-130	2		50
Pentachlorophenol	**167**	Q	**174**	Q	17-109	4		50
Phenol	96		100		31-133	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG482733-2 WG482733-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	111		105		25-120
Phenol-d6	93		93		10-120
Nitrobenzene-d5	88		92		23-120
2-Fluorobiphenyl	97		84		30-120
2,4,6-Tribromophenol	98		86		0-136
4-Terphenyl-d14	102		89		18-120

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG482746-2 WG482746-3								
Acenaphthene	82		97		31-137	17		50
1,2,4-Trichlorobenzene	77		97		38-107	23		50
2-Chloronaphthalene	106		127		40-140	18		50
1,2-Dichlorobenzene	71		86		40-140	19		50
1,4-Dichlorobenzene	69		91		28-104	28		50
2,4-Dinitrotoluene	**118**	Q	**113**	Q	28-89	4		50
2,6-Dinitrotoluene	124		116		40-140	7		50
Fluoranthene	106		100		40-140	6		50
4-Chlorophenyl phenyl ether	97		104		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG482746-2 WG482746-3								
n-Nitrosodi-n-propylamine	63		73		41-126	15		50
Butyl benzyl phthalate	104		100		40-140	4		50
Anthracene	100		99		40-140	1		50
Pyrene	106		96		35-142	10		50
P-Chloro-M-Cresol	**104**	Q	**108**	Q	26-103	4		50
2-Chlorophenol	74		94		25-102	24		50
2-Nitrophenol	81		96		30-130	17		50
4-Nitrophenol	112		**118**	Q	11-114	5		50
2,4-Dinitrophenol	23		40		4-130	**54**	Q	50
Pentachlorophenol	81		78		17-109	4		50
Phenol	68		83		31-133	20		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		92		25-120
Phenol-d6	72		91		10-120
Nitrobenzene-d5	70		88		23-120
2-Fluorobiphenyl	85		100		30-120
2,4,6-Tribromophenol	127		124		0-136
4-Terphenyl-d14	113		108		18-120

PCBS

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-01	Date Collected:	08/02/11 13:45
Client ID:	MPRDACONTENT	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Oil	Extraction Method:	EPA 3580A
Analytical Method:	1,8082	Extraction Date:	08/04/11 00:54
Analytical Date:	08/04/11 18:50	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	08/04/11
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/04/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		mg/kg	4.89	0.966	1
Aroclor 1221	ND		mg/kg	4.89	1.48	1
Aroclor 1232	ND		mg/kg	4.89	1.04	1
Aroclor 1242	ND		mg/kg	4.89	0.928	1
Aroclor 1248	ND		mg/kg	4.89	0.592	1
Aroclor 1254	ND		mg/kg	4.89	0.771	1
Aroclor 1260	ND		mg/kg	4.89	0.849	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	77		30-150
Decachlorobiphenyl	62		30-150

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-04	Date Collected:	08/02/11 14:45
Client ID:	MPRDEBDSURFS	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	08/04/11 00:35
Analytical Date:	08/04/11 16:41	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	08/04/11
Percent Solids:	76%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/04/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	42.7	8.43	1
Aroclor 1221	ND		ug/kg	42.7	12.9	1
Aroclor 1232	ND		ug/kg	42.7	9.07	1
Aroclor 1242	ND		ug/kg	42.7	8.10	1
Aroclor 1248	ND		ug/kg	42.7	5.16	1
Aroclor 1254	ND		ug/kg	42.7	6.73	1
Aroclor 1260	ND		ug/kg	42.7	7.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**22**	Q	30-150
Decachlorobiphenyl	**20**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	30		30-150
Decachlorobiphenyl	**25**	Q	30-150

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

SAMPLE RESULTS

Lab ID:	L1111690-04 RE	Date Collected:	08/02/11 14:45
Client ID:	MPRDEBDSURFS	Date Received:	08/03/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	08/05/11 15:03
Analytical Date:	08/06/11 10:30	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	08/05/11
Percent Solids:	76%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/05/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	80.5	15.9	2
Aroclor 1221	ND		ug/kg	80.5	24.3	2
Aroclor 1232	ND		ug/kg	80.5	17.1	2
Aroclor 1242	ND		ug/kg	80.5	15.3	2
Aroclor 1248	ND		ug/kg	80.5	9.74	2
Aroclor 1254	ND		ug/kg	80.5	12.7	2
Aroclor 1260	ND		ug/kg	80.5	14.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**27**	Q	30-150
Decachlorobiphenyl	**26**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	31		30-150
Decachlorobiphenyl	**29**	Q	30-150

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 08/04/11 16:57
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 08/04/11 00:35
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/04/11
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/04/11

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG482730-1					
Aroclor 1016	ND		ug/kg	33.3	6.58
Aroclor 1221	ND		ug/kg	33.3	10.0
Aroclor 1232	ND		ug/kg	33.3	7.08
Aroclor 1242	ND		ug/kg	33.3	6.33
Aroclor 1248	ND		ug/kg	33.3	4.03
Aroclor 1254	ND		ug/kg	33.3	5.25
Aroclor 1260	ND		ug/kg	33.3	5.78

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	45		30-150
2,4,5,6-Tetrachloro-m-xylene	102		30-150
Decachlorobiphenyl	74		30-150

Project Name: GROUNDWATER SCIENCES CORP. **Lab Number:** L1111690

Project Number: Not Specified **Report Date:** 08/07/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 08/04/11 19:06
Analyst: KB

Extraction Method: EPA 3580A
Extraction Date: 08/04/11 00:54
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/04/11
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/04/11

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG482732-1					
Aroclor 1016	ND		mg/kg	5.00	0.986
Aroclor 1221	ND		mg/kg	5.00	1.51
Aroclor 1232	ND		mg/kg	5.00	1.06
Aroclor 1242	ND		mg/kg	5.00	0.948
Aroclor 1248	ND		mg/kg	5.00	0.604
Aroclor 1254	ND		mg/kg	5.00	0.787
Aroclor 1260	ND		mg/kg	5.00	0.867

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	60		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	58		30-150

Matrix Spike Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG482732-3 QC Sample: L1111690-01 Client ID: MPRDACONTENT												
Aroclor 1016	ND	11900	8.69	73		-	-		40-140	-		50
Aroclor 1260	ND	11900	6.36	54		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	76				30-150
Decachlorobiphenyl	64				30-150
2,4,5,6-Tetrachloro-m-xylene	84				30-150
Decachlorobiphenyl	69				30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG482730-2 WG482730-3								
Aroclor 1016	74		72		40-140	3		50
Aroclor 1260	49		47		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		76		30-150
Decachlorobiphenyl	45		41		30-150
2,4,5,6-Tetrachloro-m-xylene	86		90		30-150
Decachlorobiphenyl	51		50		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG482732-2								
Aroclor 1016	60		-		40-140	-		50
Aroclor 1260	50		-		40-140	-		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62				30-150
Decachlorobiphenyl	57				30-150
2,4,5,6-Tetrachloro-m-xylene	68				30-150
Decachlorobiphenyl	58				30-150

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG482732-4 QC Sample: L1111690-01 Client ID: MPRDACONTENT						
Aroclor 1016	ND	ND	mg/kg	NC		50
Aroclor 1221	ND	ND	mg/kg	NC		50
Aroclor 1232	ND	ND	mg/kg	NC		50
Aroclor 1242	ND	ND	mg/kg	NC		50
Aroclor 1248	ND	ND	mg/kg	NC		50
Aroclor 1254	ND	ND	mg/kg	NC		50
Aroclor 1260	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		78		30-150
Decachlorobiphenyl	55		64		30-150
2,4,5,6-Tetrachloro-m-xylene	77		89		30-150
Decachlorobiphenyl	62		72		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

SAMPLE RESULTS

Lab ID: L1111690-04
Client ID: MPRDEBDSURFS
Sample Location: IBM POUGHKEEPSIE
Matrix: Soil

Date Collected: 08/02/11 14:45
Date Received: 08/03/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	08/04/11 15:45	30,2540G	MD

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG482900-1 QC Sample: L1111722-01 Client ID: DUP Sample						
Solids, Total	94.	94	%	0		20

Project Name: GROUNDWATER SCIENCES CORP.
Project Number: Not Specified

Lab Number: L1111690
Report Date: 08/07/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1111690-01A	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111690-01B	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),NYTCL-8082(14)
L1111690-02A	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111690-02B	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14)
L1111690-03A	Vial Large unpreserved	A	N/A	6	Y	Absent	HOLD(14)
L1111690-03B	Glass 250ml unpreserved	A	N/A	6	Y	Absent	HOLD(14)
L1111690-04A	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111690-04B	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	GROUNDWATER SCIENCES CORP.	**Lab Number:**	L1111690
Project Number:	Not Specified	**Report Date:**	08/07/11

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less

Report Format: DU Report with "J" Qualifiers

Project Name:	GROUNDWATER SCIENCES CORP.	**Lab Number:**	L1111690
Project Number:	Not Specified	**Report Date:**	08/07/11

Data Qualifiers

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	GROUNDWATER SCIENCES CORP.	**Lab Number:**	L1111690
Project Number:	Not Specified	**Report Date:**	08/07/11

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 28, 2011 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 8081, 8082, 8330, 8151A, 624, 8260, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl, V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B;Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, 9050A, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050C, 9065,1311, 1312, 3005A, 3050B. Organic Parameters: SW-846 3540C, 3546, 3580A, 5030B, 5035, 8260B, 8270C, 8330, 8151A, 8015B, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 6020, 6020A, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 5030B, 625, 624, 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 6010B, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3545, 3546, 3550B**,** 3580A, 3630C, 5035, 8015B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix.

EnviroTest Laboratories Inc.

ALPHA Job #L1111690

CHAIN OF CUSTODY

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Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corporation
ADDRESS: 560 Route 52, Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: D Bergmann PHONE NO.: 8455896028@x14
PROJECT LOCATION: IBM Poughkeepsie
PROJECT NUMBER / PO NO.:

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER

TURNAROUND
☐ NORMAL
☑ QUICK
☑ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP. ✓ C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	802 40ml glass	402 septa glass	ANALYSIS REQUESTED
	8/2/2011	1345		X	O/SL	MPRDACONTENT	2														1	1	PCB's 8080 SemiVOCs 8270C, VOCs 8260B
	8/2/2011	1405		X	O/SL	MPRDACONTEN2	2														1	1	SemiVOCs 8270C, VOCs 8260B
	8/2/2011	1445		X	S	MPRDEBDSURFS	2														1	1	PCB's 8080 SemiVOCs 8270C, VOCs 8260B

LAB USE ONLY

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY: L Centash	COMPANY: E2	DATE: 8/2/11	TIME: 12:00p	RECEIVED BY: D Bergmann	COMPANY: GSC	DATE: 8/2/2011	TIME: 1200
SAMPLED BY: NIA MIR	COMPANY:	DATE:	TIME:	RECEIVED BY: NIA MIR	COMPANY:	DATE:	TIME:
RELINQUISHED BY: Mitchell Parker	COMPANY: GSC	DATE: 8/2/11	TIME: 15:45	RECEIVED BY: L Centash	COMPANY: E2	DATE: 8/2/11	TIME: 3:45p

COMMENTS: All samples intact and in good condition Lq Rec. on ice Lq
L Centash E2 8/2/11 1630
Rec'd Kim Bailey - Alpha 8/3/11 10:19

ANALYTICAL REPORT

Lab Number:	L1111859
Client:	Envirotest Laboratories Inc. 560 Route 52 Suite 202 Beacon, NY 12508
ATTN:	Dorothy Bergman
Phone:	(845) 562-0890
Project Name:	GROUNDWATER SCIENCES CORP
Project Number:	Not Specified
Report Date:	08/08/11

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1111859-01	PRDASL110803	Not Specified	08/03/11 15:52
L1111859-02	PRDABD110803	Not Specified	08/03/11 15:58
L1111859-03	PRDADS110803	Not Specified	08/03/11 16:08
L1111859-04	PRDBSL110803	Not Specified	08/03/11 16:25
L1111859-05	PRDBBD110803	Not Specified	08/03/11 16:30
L1111859-06	PRDBDS110803	Not Specified	08/03/11 16:39
L1111859-07	PRDCSL110803	Not Specified	08/03/11 16:56
L1111859-08	PRDCBD110803	Not Specified	08/03/11 17:08
L1111859-09	PRDCDS110803	Not Specified	08/03/11 17:20
L1111859-10	PRDDSL110804	Not Specified	08/04/11 14:12
L1111859-11	PRDDBD110804	Not Specified	08/04/11 14:20
L1111859-12	PRDDDS110804	Not Specified	08/04/11 14:28
L1111859-13	PRDESL110804	Not Specified	08/04/11 14:38
L1111859-14	PRDEBD110804	Not Specified	08/04/11 14:53
L1111859-15	PRDEDS110804	Not Specified	08/04/11 15:05

Project Name:	GROUNDWATER SCIENCES CORP	**Lab Number:**	L1111859
Project Number:	Not Specified	**Report Date:**	08/08/11

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1111859-01 through -15 were evaluated for the presence of Freon 123A as a TIC and were determined to be non-detect for this analyte.

Semivolatile Organics

L1111859-08 and -09 were re-analyzed on dilutions in order to quantitate the samples within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The re-analyses were performed only for the compounds that

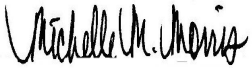
Project Name:	GROUNDWATER SCIENCES CORP	**Lab Number:**	L1111859
Project Number:	Not Specified	**Report Date:**	08/08/11

Case Narrative (continued)

exceeded the calibration range.

The WG483189-2/-3 LCS/LCSD recoveries, associated with L1111859-01, were above the acceptance criteria for 2,4-Dinitrotoluene (95%/95%) and Pentachlorophenol (LCSD at 110%); however, the associated samples were non-detect for these target compounds. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 08/08/11

ORGANICS

VOLATILES

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-01	Date Collected:	08/03/11 15:52
Client ID:	PRDASL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 21:39		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	26	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.0	0.78	1
Chloroform	ND		ug/kg	4.0	0.86	1
Carbon tetrachloride	ND		ug/kg	2.6	0.56	1
1,2-Dichloropropane	ND		ug/kg	9.3	0.68	1
Dibromochloromethane	ND		ug/kg	2.6	0.82	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	1.0	1
Tetrachloroethene	ND		ug/kg	2.6	0.81	1
Chlorobenzene	ND		ug/kg	2.6	0.50	1
Trichlorofluoromethane	ND		ug/kg	13	1.0	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.60	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.72	1
Bromodichloromethane	ND		ug/kg	2.6	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.6	0.80	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	0.71	1
1,1-Dichloropropene	ND		ug/kg	13	1.2	1
Bromoform	ND		ug/kg	11	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	0.64	1
Benzene	ND		ug/kg	2.6	0.79	1
Toluene	ND		ug/kg	4.0	0.64	1
Ethylbenzene	ND		ug/kg	2.6	0.59	1
Chloromethane	ND		ug/kg	13	2.1	1
Bromomethane	ND		ug/kg	5.3	1.7	1
Vinyl chloride	ND		ug/kg	5.3	2.0	1
Chloroethane	ND		ug/kg	5.3	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.69	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.97	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-01 Date Collected: 08/03/11 15:52

Client ID: PRDASL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.3	1.1	1
o-Xylene	ND		ug/kg	5.3	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.80	1
Dibromomethane	ND		ug/kg	26	1.2	1
Styrene	ND		ug/kg	5.3	1.9	1
Dichlorodifluoromethane	ND		ug/kg	26	1.0	1
Acetone	ND		ug/kg	26	8.6	1
Carbon disulfide	ND		ug/kg	26	1.0	1
2-Butanone	ND		ug/kg	26	10.	1
Vinyl acetate	ND		ug/kg	26	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	26	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	26	1.0	1
2-Hexanone	ND		ug/kg	26	1.0	1
Bromochloromethane	ND		ug/kg	13	0.80	1
2,2-Dichloropropane	ND		ug/kg	13	2.1	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	13	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.6	0.87	1
Bromobenzene	ND		ug/kg	13	0.58	1
n-Butylbenzene	ND		ug/kg	2.6	0.84	1
sec-Butylbenzene	ND		ug/kg	2.6	0.73	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
o-Chlorotoluene	ND		ug/kg	13	0.83	1
p-Chlorotoluene	ND		ug/kg	13	0.96	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	13	2.2	1
Hexachlorobutadiene	ND		ug/kg	13	1.2	1
Isopropylbenzene	ND		ug/kg	2.6	0.47	1
p-Isopropyltoluene	ND		ug/kg	2.6	0.73	1
Naphthalene	ND		ug/kg	13	2.0	1
Acrylonitrile	ND		ug/kg	26	1.0	1
n-Propylbenzene	ND		ug/kg	2.6	0.76	1
1,2,3-Trichlorobenzene	ND		ug/kg	13	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	13	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
Freon-113	ND		ug/kg	53	1.0	1
p-Diethylbenzene	ND		ug/kg	11	0.53	1
p-Ethyltoluene	ND		ug/kg	11	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.48	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-01 Date Collected: 08/03/11 15:52

Client ID: PRDASL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	13	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	13	3.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-02	Date Collected:	08/03/11 15:58
Client ID:	PRDABD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 22:07		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.0	0.79	1
Chloroform	ND		ug/kg	4.0	0.87	1
Carbon tetrachloride	ND		ug/kg	2.7	0.57	1
1,2-Dichloropropane	ND		ug/kg	9.4	0.68	1
Dibromochloromethane	ND		ug/kg	2.7	0.83	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	1.0	1
Tetrachloroethene	ND		ug/kg	2.7	0.82	1
Chlorobenzene	ND		ug/kg	2.7	0.50	1
Trichlorofluoromethane	ND		ug/kg	13	1.0	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.61	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.72	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.81	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.72	1
1,1-Dichloropropene	ND		ug/kg	13	1.2	1
Bromoform	ND		ug/kg	11	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.64	1
Benzene	ND		ug/kg	2.7	0.80	1
Toluene	ND		ug/kg	4.0	0.65	1
Ethylbenzene	ND		ug/kg	2.7	0.60	1
Chloromethane	ND		ug/kg	13	2.1	1
Bromomethane	ND		ug/kg	5.4	1.7	1
Vinyl chloride	ND		ug/kg	5.4	2.0	1
Chloroethane	ND		ug/kg	5.4	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	1.0	1
Trichloroethene	ND		ug/kg	2.7	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.98	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-02 Date Collected: 08/03/11 15:58

Client ID: PRDABD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	1.2	1
o-Xylene	ND		ug/kg	5.4	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.81	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.4	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.0	1
Acetone	ND		ug/kg	27	8.7	1
Carbon disulfide	ND		ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	10.	1
Vinyl acetate	ND		ug/kg	27	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.0	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	13	0.81	1
2,2-Dichloropropane	ND		ug/kg	13	2.1	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	13	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.88	1
Bromobenzene	ND		ug/kg	13	0.59	1
n-Butylbenzene	ND		ug/kg	2.7	0.84	1
sec-Butylbenzene	ND		ug/kg	2.7	0.74	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
o-Chlorotoluene	ND		ug/kg	13	0.84	1
p-Chlorotoluene	ND		ug/kg	13	0.97	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	13	2.2	1
Hexachlorobutadiene	ND		ug/kg	13	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.48	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.73	1
Naphthalene	ND		ug/kg	13	2.1	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.76	1
1,2,3-Trichlorobenzene	ND		ug/kg	13	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	13	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
Freon-113	ND		ug/kg	54	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.54	1
p-Ethyltoluene	ND		ug/kg	11	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.49	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-02 Date Collected: 08/03/11 15:58

Client ID: PRDABD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	13	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	13	4.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-03	Date Collected:	08/03/11 16:08
Client ID:	PRDADS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 22:35		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	26	2.1	1
1,1-Dichloroethane	ND		ug/kg	3.9	0.78	1
Chloroform	ND		ug/kg	3.9	0.85	1
Carbon tetrachloride	ND		ug/kg	2.6	0.56	1
1,2-Dichloropropane	ND		ug/kg	9.2	0.67	1
Dibromochloromethane	ND		ug/kg	2.6	0.81	1
1,1,2-Trichloroethane	ND		ug/kg	3.9	1.0	1
Tetrachloroethene	ND		ug/kg	2.6	0.80	1
Chlorobenzene	ND		ug/kg	2.6	0.49	1
Trichlorofluoromethane	ND		ug/kg	13	1.0	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.60	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.71	1
Bromodichloromethane	ND		ug/kg	2.6	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.6	0.79	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	0.70	1
1,1-Dichloropropene	ND		ug/kg	13	1.2	1
Bromoform	ND		ug/kg	10	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	0.63	1
Benzene	ND		ug/kg	2.6	0.78	1
Toluene	ND		ug/kg	3.9	0.64	1
Ethylbenzene	ND		ug/kg	2.6	0.58	1
Chloromethane	ND		ug/kg	13	2.1	1
Bromomethane	ND		ug/kg	5.3	1.7	1
Vinyl chloride	ND		ug/kg	5.3	2.0	1
Chloroethane	ND		ug/kg	5.3	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.68	1
trans-1,2-Dichloroethene	ND		ug/kg	3.9	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.59	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.96	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.0	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-03 Date Collected: 08/03/11 16:08

Client ID: PRDADS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.3	1.1	1
o-Xylene	ND		ug/kg	5.3	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.79	1
Dibromomethane	ND		ug/kg	26	1.1	1
Styrene	ND		ug/kg	5.3	1.9	1
Dichlorodifluoromethane	ND		ug/kg	26	1.0	1
Acetone	ND		ug/kg	26	8.5	1
Carbon disulfide	ND		ug/kg	26	0.99	1
2-Butanone	ND		ug/kg	26	10.	1
Vinyl acetate	ND		ug/kg	26	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	26	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	26	1.0	1
2-Hexanone	ND		ug/kg	26	1.0	1
Bromochloromethane	ND		ug/kg	13	0.80	1
2,2-Dichloropropane	ND		ug/kg	13	2.1	1
1,2-Dibromoethane	ND		ug/kg	10	1.1	1
1,3-Dichloropropane	ND		ug/kg	13	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.6	0.86	1
Bromobenzene	ND		ug/kg	13	0.58	1
n-Butylbenzene	ND		ug/kg	2.6	0.83	1
sec-Butylbenzene	ND		ug/kg	2.6	0.72	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
o-Chlorotoluene	ND		ug/kg	13	0.82	1
p-Chlorotoluene	ND		ug/kg	13	0.95	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	13	2.2	1
Hexachlorobutadiene	ND		ug/kg	13	1.2	1
Isopropylbenzene	ND		ug/kg	2.6	0.46	1
p-Isopropyltoluene	ND		ug/kg	2.6	0.72	1
Naphthalene	ND		ug/kg	13	2.0	1
Acrylonitrile	ND		ug/kg	26	0.99	1
n-Propylbenzene	ND		ug/kg	2.6	0.75	1
1,2,3-Trichlorobenzene	ND		ug/kg	13	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	13	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
Freon-113	ND		ug/kg	53	1.0	1
p-Diethylbenzene	ND		ug/kg	10	0.53	1
p-Ethyltoluene	ND		ug/kg	10	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.48	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-03 Date Collected: 08/03/11 16:08

Client ID: PRDADS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	13	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	13	3.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-04	Date Collected:	08/03/11 16:25
Client ID:	PRDBSL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 23:03		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.81	1
Chloroform	ND		ug/kg	4.1	0.89	1
Carbon tetrachloride	ND		ug/kg	2.7	0.58	1
1,2-Dichloropropane	ND		ug/kg	9.6	0.70	1
Dibromochloromethane	ND		ug/kg	2.7	0.84	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	1.1	1
Tetrachloroethene	ND		ug/kg	2.7	0.84	1
Chlorobenzene	ND		ug/kg	2.7	0.51	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.74	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.82	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.73	1
1,1-Dichloropropene	ND		ug/kg	14	1.2	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.66	1
Benzene	ND		ug/kg	2.7	0.82	1
Toluene	ND		ug/kg	4.1	0.66	1
Ethylbenzene	ND		ug/kg	2.7	0.61	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.5	1.8	1
Vinyl chloride	ND		ug/kg	5.5	2.1	1
Chloroethane	ND		ug/kg	5.5	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.71	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	1.1	1
Trichloroethene	ND		ug/kg	2.7	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-04 Date Collected: 08/03/11 16:25

Client ID: PRDBSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.5	1.2	1
o-Xylene	ND		ug/kg	5.5	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.83	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.5	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.1	1
Acetone	ND		ug/kg	27	8.9	1
Carbon disulfide	ND		ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	11.	1
Vinyl acetate	ND		ug/kg	27	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.1	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	14	0.83	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.90	1
Bromobenzene	ND		ug/kg	14	0.60	1
n-Butylbenzene	ND		ug/kg	2.7	0.86	1
sec-Butylbenzene	ND		ug/kg	2.7	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.6	1
o-Chlorotoluene	ND		ug/kg	14	0.86	1
p-Chlorotoluene	ND		ug/kg	14	0.99	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.49	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.75	1
Naphthalene	ND		ug/kg	14	2.1	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.78	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
Freon-113	ND		ug/kg	55	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.55	1
p-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.50	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-04 Date Collected: 08/03/11 16:25

Client ID: PRDBSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-05	Date Collected:	08/03/11 16:30
Client ID:	PRDBBD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 23:30		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.80	1
Chloroform	ND		ug/kg	4.1	0.88	1
Carbon tetrachloride	ND		ug/kg	2.7	0.57	1
1,2-Dichloropropane	ND		ug/kg	9.5	0.69	1
Dibromochloromethane	ND		ug/kg	2.7	0.84	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	1.1	1
Tetrachloroethene	ND		ug/kg	2.7	0.83	1
Chlorobenzene	ND		ug/kg	2.7	0.50	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.73	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.82	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.73	1
1,1-Dichloropropene	ND		ug/kg	14	1.2	1
Bromoform	ND		ug/kg	11	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.65	1
Benzene	ND		ug/kg	2.7	0.81	1
Toluene	ND		ug/kg	4.1	0.66	1
Ethylbenzene	ND		ug/kg	2.7	0.60	1
Chloromethane	ND		ug/kg	14	2.1	1
Bromomethane	ND		ug/kg	5.4	1.8	1
Vinyl chloride	ND		ug/kg	5.4	2.0	1
Chloroethane	ND		ug/kg	5.4	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	1.1	1
Trichloroethene	ND		ug/kg	2.7	0.61	1
1,2-Dichlorobenzene	ND		ug/kg	14	0.99	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-05 Date Collected: 08/03/11 16:30

Client ID: PRDBBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	1.2	1
o-Xylene	ND		ug/kg	5.4	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.82	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.4	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.0	1
Acetone	ND		ug/kg	27	8.8	1
Carbon disulfide	ND		ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	10.	1
Vinyl acetate	ND		ug/kg	27	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.0	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	14	0.82	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.89	1
Bromobenzene	ND		ug/kg	14	0.60	1
n-Butylbenzene	ND		ug/kg	2.7	0.85	1
sec-Butylbenzene	ND		ug/kg	2.7	0.75	1
tert-Butylbenzene	ND		ug/kg	14	1.6	1
o-Chlorotoluene	ND		ug/kg	14	0.85	1
p-Chlorotoluene	ND		ug/kg	14	0.98	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.48	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.74	1
Naphthalene	ND		ug/kg	14	2.1	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.77	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
Freon-113	ND		ug/kg	54	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.54	1
p-Ethyltoluene	ND		ug/kg	11	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.49	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-05 Date Collected: 08/03/11 16:30

Client ID: PRDBBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-06	Date Collected:	08/03/11 16:39
Client ID:	PRDBDS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/05/11 23:58		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.0	0.79	1
Chloroform	ND		ug/kg	4.0	0.87	1
Carbon tetrachloride	ND		ug/kg	2.7	0.57	1
1,2-Dichloropropane	ND		ug/kg	9.4	0.68	1
Dibromochloromethane	ND		ug/kg	2.7	0.83	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	1.0	1
Tetrachloroethene	ND		ug/kg	2.7	0.82	1
Chlorobenzene	ND		ug/kg	2.7	0.50	1
Trichlorofluoromethane	ND		ug/kg	13	1.0	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.61	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.72	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.81	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.72	1
1,1-Dichloropropene	ND		ug/kg	13	1.2	1
Bromoform	ND		ug/kg	11	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.64	1
Benzene	ND		ug/kg	2.7	0.80	1
Toluene	ND		ug/kg	4.0	0.65	1
Ethylbenzene	ND		ug/kg	2.7	0.60	1
Chloromethane	ND		ug/kg	13	2.1	1
Bromomethane	ND		ug/kg	5.4	1.7	1
Vinyl chloride	ND		ug/kg	5.4	2.0	1
Chloroethane	ND		ug/kg	5.4	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	1.0	1
Trichloroethene	ND		ug/kg	2.7	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.98	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-06 Date Collected: 08/03/11 16:39

Client ID: PRDBDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	1.2	1
o-Xylene	ND		ug/kg	5.4	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.81	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.4	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.0	1
Acetone	ND		ug/kg	27	8.7	1
Carbon disulfide	ND		ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	10.	1
Vinyl acetate	ND		ug/kg	27	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.0	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	13	0.81	1
2,2-Dichloropropane	ND		ug/kg	13	2.1	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	13	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.88	1
Bromobenzene	ND		ug/kg	13	0.59	1
n-Butylbenzene	ND		ug/kg	2.7	0.84	1
sec-Butylbenzene	ND		ug/kg	2.7	0.74	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
o-Chlorotoluene	ND		ug/kg	13	0.84	1
p-Chlorotoluene	ND		ug/kg	13	0.97	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	13	2.2	1
Hexachlorobutadiene	ND		ug/kg	13	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.48	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.73	1
Naphthalene	ND		ug/kg	13	2.1	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.76	1
1,2,3-Trichlorobenzene	ND		ug/kg	13	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	13	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
Freon-113	ND		ug/kg	54	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.54	1
p-Ethyltoluene	ND		ug/kg	11	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.49	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-06 Date Collected: 08/03/11 16:39

Client ID: PRDBDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	13	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	13	4.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-07	Date Collected:	08/03/11 16:56
Client ID:	PRDCSL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 00:25		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	28	2.3	1
1,1-Dichloroethane	ND		ug/kg	4.2	0.82	1
Chloroform	ND		ug/kg	4.2	0.90	1
Carbon tetrachloride	ND		ug/kg	2.8	0.59	1
1,2-Dichloropropane	ND		ug/kg	9.7	0.71	1
Dibromochloromethane	ND		ug/kg	2.8	0.86	1
1,1,2-Trichloroethane	ND		ug/kg	4.2	1.1	1
Tetrachloroethene	ND		ug/kg	2.8	0.85	1
Chlorobenzene	ND		ug/kg	2.8	0.52	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.63	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.75	1
Bromodichloromethane	ND		ug/kg	2.8	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.84	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	0.74	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	0.67	1
Benzene	ND		ug/kg	2.8	0.82	1
Toluene	ND		ug/kg	4.2	0.67	1
Ethylbenzene	ND		ug/kg	2.8	0.62	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.6	1.8	1
Vinyl chloride	ND		ug/kg	5.6	2.1	1
Chloroethane	ND		ug/kg	5.6	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.72	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-07 Date Collected: 08/03/11 16:56

Client ID: PRDCSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.6	1.2	1
o-Xylene	ND		ug/kg	5.6	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.84	1
Dibromomethane	ND		ug/kg	28	1.2	1
Styrene	ND		ug/kg	5.6	2.0	1
Dichlorodifluoromethane	ND		ug/kg	28	1.1	1
Acetone	ND		ug/kg	28	9.0	1
Carbon disulfide	ND		ug/kg	28	1.0	1
2-Butanone	ND		ug/kg	28	11.	1
Vinyl acetate	ND		ug/kg	28	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	28	1.1	1
2-Hexanone	ND		ug/kg	28	1.1	1
Bromochloromethane	ND		ug/kg	14	0.84	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	0.91	1
Bromobenzene	ND		ug/kg	14	0.61	1
n-Butylbenzene	ND		ug/kg	2.8	0.87	1
sec-Butylbenzene	ND		ug/kg	2.8	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
o-Chlorotoluene	ND		ug/kg	14	0.87	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.8	0.49	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.76	1
Naphthalene	ND		ug/kg	14	2.1	1
Acrylonitrile	ND		ug/kg	28	1.0	1
n-Propylbenzene	ND		ug/kg	2.8	0.79	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
Freon-113	ND		ug/kg	56	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.56	1
p-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.50	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-07 Date Collected: 08/03/11 16:56

Client ID: PRDCSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-08	Date Collected:	08/03/11 17:08
Client ID:	PRDCBD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 00:53		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.80	1
Chloroform	ND		ug/kg	4.1	0.88	1
Carbon tetrachloride	ND		ug/kg	2.7	0.57	1
1,2-Dichloropropane	ND		ug/kg	9.5	0.69	1
Dibromochloromethane	ND		ug/kg	2.7	0.84	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	1.1	1
Tetrachloroethene	ND		ug/kg	2.7	0.83	1
Chlorobenzene	ND		ug/kg	2.7	0.50	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.73	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.82	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.73	1
1,1-Dichloropropene	ND		ug/kg	14	1.2	1
Bromoform	ND		ug/kg	11	1.3	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.65	1
Benzene	ND		ug/kg	2.7	0.81	1
Toluene	ND		ug/kg	4.1	0.66	1
Ethylbenzene	ND		ug/kg	2.7	0.60	1
Chloromethane	ND		ug/kg	14	2.1	1
Bromomethane	ND		ug/kg	5.4	1.8	1
Vinyl chloride	ND		ug/kg	5.4	2.0	1
Chloroethane	ND		ug/kg	5.4	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	1.1	1
Trichloroethene	ND		ug/kg	2.7	0.61	1
1,2-Dichlorobenzene	ND		ug/kg	14	0.99	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.1	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-08 Date Collected: 08/03/11 17:08

Client ID: PRDCBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	1.2	1
o-Xylene	ND		ug/kg	5.4	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.82	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.4	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.0	1
Acetone	ND		ug/kg	27	8.8	1
Carbon disulfide	ND		ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	10.	1
Vinyl acetate	ND		ug/kg	27	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.0	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	14	0.82	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.89	1
Bromobenzene	ND		ug/kg	14	0.60	1
n-Butylbenzene	ND		ug/kg	2.7	0.85	1
sec-Butylbenzene	ND		ug/kg	2.7	0.75	1
tert-Butylbenzene	ND		ug/kg	14	1.6	1
o-Chlorotoluene	ND		ug/kg	14	0.85	1
p-Chlorotoluene	ND		ug/kg	14	0.98	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.48	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.74	1
Naphthalene	ND		ug/kg	14	2.1	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.77	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
Freon-113	ND		ug/kg	54	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.54	1
p-Ethyltoluene	ND		ug/kg	11	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.49	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-08 Date Collected: 08/03/11 17:08

Client ID: PRDCBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-09	Date Collected:	08/03/11 17:20
Client ID:	PRDCDS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 01:21		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	28	2.3	1
1,1-Dichloroethane	ND		ug/kg	4.2	0.82	1
Chloroform	ND		ug/kg	4.2	0.90	1
Carbon tetrachloride	ND		ug/kg	2.8	0.59	1
1,2-Dichloropropane	ND		ug/kg	9.7	0.71	1
Dibromochloromethane	ND		ug/kg	2.8	0.86	1
1,1,2-Trichloroethane	ND		ug/kg	4.2	1.1	1
Tetrachloroethene	ND		ug/kg	2.8	0.85	1
Chlorobenzene	ND		ug/kg	2.8	0.52	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.63	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.75	1
Bromodichloromethane	ND		ug/kg	2.8	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.84	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	0.74	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	0.67	1
Benzene	ND		ug/kg	2.8	0.82	1
Toluene	ND		ug/kg	4.2	0.67	1
Ethylbenzene	ND		ug/kg	2.8	0.62	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.6	1.8	1
Vinyl chloride	ND		ug/kg	5.6	2.1	1
Chloroethane	ND		ug/kg	5.6	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.72	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-09 Date Collected: 08/03/11 17:20

Client ID: PRDCDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.6	1.2	1
o-Xylene	ND		ug/kg	5.6	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.84	1
Dibromomethane	ND		ug/kg	28	1.2	1
Styrene	ND		ug/kg	5.6	2.0	1
Dichlorodifluoromethane	ND		ug/kg	28	1.1	1
Acetone	ND		ug/kg	28	9.0	1
Carbon disulfide	ND		ug/kg	28	1.0	1
2-Butanone	ND		ug/kg	28	11.	1
Vinyl acetate	ND		ug/kg	28	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	28	1.1	1
2-Hexanone	ND		ug/kg	28	1.1	1
Bromochloromethane	ND		ug/kg	14	0.84	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	0.91	1
Bromobenzene	ND		ug/kg	14	0.61	1
n-Butylbenzene	ND		ug/kg	2.8	0.87	1
sec-Butylbenzene	ND		ug/kg	2.8	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
o-Chlorotoluene	ND		ug/kg	14	0.87	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.8	0.49	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.76	1
Naphthalene	ND		ug/kg	14	2.1	1
Acrylonitrile	ND		ug/kg	28	1.0	1
n-Propylbenzene	ND		ug/kg	2.8	0.79	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
Freon-113	ND		ug/kg	56	1.1	1
p-Diethylbenzene	ND		ug/kg	11	0.56	1
p-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.50	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-09 Date Collected: 08/03/11 17:20

Client ID: PRDCDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.0	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-10	Date Collected:	08/04/11 14:12
Client ID:	PRDDSL110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 01:49		
Analyst:	BN		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	34	2.8	1
1,1-Dichloroethane	ND		ug/kg	5.1	1.0	1
Chloroform	ND		ug/kg	5.1	1.1	1
Carbon tetrachloride	ND		ug/kg	3.4	0.72	1
1,2-Dichloropropane	ND		ug/kg	12	0.87	1
Dibromochloromethane	ND		ug/kg	3.4	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	5.1	1.3	1
Tetrachloroethene	ND		ug/kg	3.4	1.0	1
Chlorobenzene	ND		ug/kg	3.4	0.64	1
Trichlorofluoromethane	ND		ug/kg	17	1.3	1
1,2-Dichloroethane	ND		ug/kg	3.4	0.78	1
1,1,1-Trichloroethane	ND		ug/kg	3.4	0.92	1
Bromodichloromethane	ND		ug/kg	3.4	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	3.4	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	3.4	0.92	1
1,1-Dichloropropene	ND		ug/kg	17	1.6	1
Bromoform	ND		ug/kg	14	1.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.4	0.82	1
Benzene	ND		ug/kg	3.4	1.0	1
Toluene	ND		ug/kg	5.1	0.83	1
Ethylbenzene	ND		ug/kg	3.4	0.76	1
Chloromethane	ND		ug/kg	17	2.7	1
Bromomethane	ND		ug/kg	6.8	2.2	1
Vinyl chloride	ND		ug/kg	6.8	2.6	1
Chloroethane	ND		ug/kg	6.8	1.5	1
1,1-Dichloroethene	ND		ug/kg	3.4	0.89	1
trans-1,2-Dichloroethene	ND		ug/kg	5.1	1.3	1
Trichloroethene	ND		ug/kg	3.4	0.77	1
1,2-Dichlorobenzene	ND		ug/kg	17	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	17	1.4	1
1,4-Dichlorobenzene	ND		ug/kg	17	1.4	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-10 Date Collected: 08/04/11 14:12

Client ID: PRDDSL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.8	1.5	1
o-Xylene	ND		ug/kg	6.8	1.4	1
cis-1,2-Dichloroethene	ND		ug/kg	3.4	1.0	1
Dibromomethane	ND		ug/kg	34	1.5	1
Styrene	ND		ug/kg	6.8	2.5	1
Dichlorodifluoromethane	ND		ug/kg	34	1.3	1
Acetone	ND		ug/kg	34	11.	1
Carbon disulfide	ND		ug/kg	34	1.3	1
2-Butanone	ND		ug/kg	34	13.	1
Vinyl acetate	ND		ug/kg	34	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	34	2.8	1
1,2,3-Trichloropropane	ND		ug/kg	34	1.3	1
2-Hexanone	ND		ug/kg	34	1.4	1
Bromochloromethane	ND		ug/kg	17	1.0	1
2,2-Dichloropropane	ND		ug/kg	17	2.7	1
1,2-Dibromoethane	ND		ug/kg	14	1.4	1
1,3-Dichloropropane	ND		ug/kg	17	1.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.4	1.1	1
Bromobenzene	ND		ug/kg	17	0.75	1
n-Butylbenzene	ND		ug/kg	3.4	1.1	1
sec-Butylbenzene	ND		ug/kg	3.4	0.94	1
tert-Butylbenzene	ND		ug/kg	17	2.1	1
o-Chlorotoluene	ND		ug/kg	17	1.1	1
p-Chlorotoluene	ND		ug/kg	17	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	17	2.9	1
Hexachlorobutadiene	ND		ug/kg	17	1.6	1
Isopropylbenzene	ND		ug/kg	3.4	0.61	1
p-Isopropyltoluene	ND		ug/kg	3.4	0.94	1
Naphthalene	ND		ug/kg	17	2.6	1
Acrylonitrile	ND		ug/kg	34	1.3	1
n-Propylbenzene	ND		ug/kg	3.4	0.97	1
1,2,3-Trichlorobenzene	ND		ug/kg	17	1.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	17	2.7	1
1,3,5-Trimethylbenzene	ND		ug/kg	17	2.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	17	2.0	1
Freon-113	ND		ug/kg	68	1.4	1
p-Diethylbenzene	ND		ug/kg	14	0.68	1
p-Ethyltoluene	ND		ug/kg	14	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	14	0.62	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-10 Date Collected: 08/04/11 14:12

Client ID: PRDDSL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	17	1.3	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	17	5.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-11	Date Collected:	08/04/11 14:20
Client ID:	PRDDBD110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 02:16		
Analyst:	BN		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	33	2.7	1
1,1-Dichloroethane	ND		ug/kg	5.0	0.98	1
Chloroform	ND		ug/kg	5.0	1.1	1
Carbon tetrachloride	ND		ug/kg	3.3	0.70	1
1,2-Dichloropropane	ND		ug/kg	12	0.85	1
Dibromochloromethane	ND		ug/kg	3.3	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	5.0	1.3	1
Tetrachloroethene	ND		ug/kg	3.3	1.0	1
Chlorobenzene	ND		ug/kg	3.3	0.62	1
Trichlorofluoromethane	ND		ug/kg	17	1.3	1
1,2-Dichloroethane	ND		ug/kg	3.3	0.76	1
1,1,1-Trichloroethane	ND		ug/kg	3.3	0.90	1
Bromodichloromethane	ND		ug/kg	3.3	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	3.3	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	3.3	0.89	1
1,1-Dichloropropene	ND		ug/kg	17	1.5	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.3	0.80	1
Benzene	ND		ug/kg	3.3	0.99	1
Toluene	ND		ug/kg	5.0	0.80	1
Ethylbenzene	ND		ug/kg	3.3	0.74	1
Chloromethane	ND		ug/kg	17	2.6	1
Bromomethane	ND		ug/kg	6.7	2.2	1
Vinyl chloride	ND		ug/kg	6.7	2.5	1
Chloroethane	ND		ug/kg	6.7	1.5	1
1,1-Dichloroethene	ND		ug/kg	3.3	0.87	1
trans-1,2-Dichloroethene	ND		ug/kg	5.0	1.3	1
Trichloroethene	ND		ug/kg	3.3	0.75	1
1,2-Dichlorobenzene	ND		ug/kg	17	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	17	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	17	1.4	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-11 Date Collected: 08/04/11 14:20

Client ID: PRDDBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.7	1.4	1
o-Xylene	ND		ug/kg	6.7	1.4	1
cis-1,2-Dichloroethene	ND		ug/kg	3.3	1.0	1
Dibromomethane	ND		ug/kg	33	1.4	1
Styrene	ND		ug/kg	6.7	2.4	1
Dichlorodifluoromethane	ND		ug/kg	33	1.3	1
Acetone	ND		ug/kg	33	11.	1
Carbon disulfide	ND		ug/kg	33	1.2	1
2-Butanone	ND		ug/kg	33	13.	1
Vinyl acetate	ND		ug/kg	33	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	33	2.7	1
1,2,3-Trichloropropane	ND		ug/kg	33	1.3	1
2-Hexanone	ND		ug/kg	33	1.3	1
Bromochloromethane	ND		ug/kg	17	1.0	1
2,2-Dichloropropane	ND		ug/kg	17	2.6	1
1,2-Dibromoethane	ND		ug/kg	13	1.4	1
1,3-Dichloropropane	ND		ug/kg	17	1.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.3	1.1	1
Bromobenzene	ND		ug/kg	17	0.73	1
n-Butylbenzene	ND		ug/kg	3.3	1.0	1
sec-Butylbenzene	ND		ug/kg	3.3	0.92	1
tert-Butylbenzene	ND		ug/kg	17	2.0	1
o-Chlorotoluene	ND		ug/kg	17	1.0	1
p-Chlorotoluene	ND		ug/kg	17	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	17	2.8	1
Hexachlorobutadiene	ND		ug/kg	17	1.5	1
Isopropylbenzene	ND		ug/kg	3.3	0.59	1
p-Isopropyltoluene	ND		ug/kg	3.3	0.91	1
Naphthalene	ND		ug/kg	17	2.6	1
Acrylonitrile	ND		ug/kg	33	1.2	1
n-Propylbenzene	ND		ug/kg	3.3	0.95	1
1,2,3-Trichlorobenzene	ND		ug/kg	17	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	17	2.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	17	2.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	17	1.9	1
Freon-113	ND		ug/kg	67	1.3	1
p-Diethylbenzene	ND		ug/kg	13	0.67	1
p-Ethyltoluene	ND		ug/kg	13	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.60	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-11 Date Collected: 08/04/11 14:20

Client ID: PRDDBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	17	1.3	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	17	4.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-12	Date Collected:	08/04/11 14:28
Client ID:	PRDDDS110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 02:44		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	32	2.6	1
1,1-Dichloroethane	ND		ug/kg	4.7	0.93	1
Chloroform	ND		ug/kg	4.7	1.0	1
Carbon tetrachloride	ND		ug/kg	3.2	0.67	1
1,2-Dichloropropane	ND		ug/kg	11	0.81	1
Dibromochloromethane	ND		ug/kg	3.2	0.97	1
1,1,2-Trichloroethane	ND		ug/kg	4.7	1.2	1
Tetrachloroethene	ND		ug/kg	3.2	0.97	1
Chlorobenzene	ND		ug/kg	3.2	0.59	1
Trichlorofluoromethane	ND		ug/kg	16	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.72	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	0.85	1
Bromodichloromethane	ND		ug/kg	3.2	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.95	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	0.84	1
1,1-Dichloropropene	ND		ug/kg	16	1.4	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	0.76	1
Benzene	ND		ug/kg	3.2	0.94	1
Toluene	ND		ug/kg	4.7	0.76	1
Ethylbenzene	ND		ug/kg	3.2	0.70	1
Chloromethane	ND		ug/kg	16	2.5	1
Bromomethane	ND		ug/kg	6.3	2.0	1
Vinyl chloride	ND		ug/kg	6.3	2.4	1
Chloroethane	ND		ug/kg	6.3	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.82	1
trans-1,2-Dichloroethene	ND		ug/kg	4.7	1.2	1
Trichloroethene	ND		ug/kg	3.2	0.71	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.3	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-12 Date Collected: 08/04/11 14:28

Client ID: PRDDDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.3	1.4	1
o-Xylene	ND		ug/kg	6.3	1.3	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.95	1
Dibromomethane	ND		ug/kg	32	1.4	1
Styrene	ND		ug/kg	6.3	2.3	1
Dichlorodifluoromethane	ND		ug/kg	32	1.2	1
Acetone	ND		ug/kg	32	10.	1
Carbon disulfide	ND		ug/kg	32	1.2	1
2-Butanone	ND		ug/kg	32	12.	1
Vinyl acetate	ND		ug/kg	32	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	32	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	32	1.2	1
2-Hexanone	ND		ug/kg	32	1.2	1
Bromochloromethane	ND		ug/kg	16	0.96	1
2,2-Dichloropropane	ND		ug/kg	16	2.5	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.2	1.0	1
Bromobenzene	ND		ug/kg	16	0.70	1
n-Butylbenzene	ND		ug/kg	3.2	0.99	1
sec-Butylbenzene	ND		ug/kg	3.2	0.87	1
tert-Butylbenzene	ND		ug/kg	16	1.9	1
o-Chlorotoluene	ND		ug/kg	16	0.99	1
p-Chlorotoluene	ND		ug/kg	16	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.6	1
Hexachlorobutadiene	ND		ug/kg	16	1.4	1
Isopropylbenzene	ND		ug/kg	3.2	0.56	1
p-Isopropyltoluene	ND		ug/kg	3.2	0.86	1
Naphthalene	ND		ug/kg	16	2.4	1
Acrylonitrile	ND		ug/kg	32	1.2	1
n-Propylbenzene	ND		ug/kg	3.2	0.90	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	2.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	16	1.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	16	1.8	1
Freon-113	ND		ug/kg	63	1.2	1
p-Diethylbenzene	ND		ug/kg	13	0.63	1
p-Ethyltoluene	ND		ug/kg	13	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.57	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-12 Date Collected: 08/04/11 14:28

Client ID: PRDDDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-13	Date Collected:	08/04/11 14:38
Client ID:	PRDESL110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 03:11		
Analyst:	BN		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	33	2.7	1
1,1-Dichloroethane	ND		ug/kg	4.9	0.97	1
Chloroform	ND		ug/kg	4.9	1.1	1
Carbon tetrachloride	ND		ug/kg	3.3	0.69	1
1,2-Dichloropropane	ND		ug/kg	12	0.84	1
Dibromochloromethane	ND		ug/kg	3.3	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	4.9	1.3	1
Tetrachloroethene	ND		ug/kg	3.3	1.0	1
Chlorobenzene	ND		ug/kg	3.3	0.61	1
Trichlorofluoromethane	ND		ug/kg	16	1.3	1
1,2-Dichloroethane	ND		ug/kg	3.3	0.75	1
1,1,1-Trichloroethane	ND		ug/kg	3.3	0.89	1
Bromodichloromethane	ND		ug/kg	3.3	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	3.3	0.99	1
cis-1,3-Dichloropropene	ND		ug/kg	3.3	0.88	1
1,1-Dichloropropene	ND		ug/kg	16	1.5	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.3	0.79	1
Benzene	ND		ug/kg	3.3	0.98	1
Toluene	ND		ug/kg	4.9	0.79	1
Ethylbenzene	ND		ug/kg	3.3	0.73	1
Chloromethane	ND		ug/kg	16	2.6	1
Bromomethane	ND		ug/kg	6.6	2.1	1
Vinyl chloride	ND		ug/kg	6.6	2.5	1
Chloroethane	ND		ug/kg	6.6	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.3	0.85	1
trans-1,2-Dichloroethene	ND		ug/kg	4.9	1.3	1
Trichloroethene	ND		ug/kg	3.3	0.74	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.4	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-13 Date Collected: 08/04/11 14:38

Client ID: PRDESL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.6	1.4	1
o-Xylene	ND		ug/kg	6.6	1.4	1
cis-1,2-Dichloroethene	ND		ug/kg	3.3	0.99	1
Dibromomethane	ND		ug/kg	33	1.4	1
Styrene	ND		ug/kg	6.6	2.4	1
Dichlorodifluoromethane	ND		ug/kg	33	1.3	1
Acetone	ND		ug/kg	33	11.	1
Carbon disulfide	ND		ug/kg	33	1.2	1
2-Butanone	ND		ug/kg	33	13.	1
Vinyl acetate	ND		ug/kg	33	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	33	2.7	1
1,2,3-Trichloropropane	ND		ug/kg	33	1.3	1
2-Hexanone	ND		ug/kg	33	1.3	1
Bromochloromethane	ND		ug/kg	16	0.99	1
2,2-Dichloropropane	ND		ug/kg	16	2.6	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.3	1.1	1
Bromobenzene	ND		ug/kg	16	0.72	1
n-Butylbenzene	ND		ug/kg	3.3	1.0	1
sec-Butylbenzene	ND		ug/kg	3.3	0.91	1
tert-Butylbenzene	ND		ug/kg	16	2.0	1
o-Chlorotoluene	ND		ug/kg	16	1.0	1
p-Chlorotoluene	ND		ug/kg	16	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.8	1
Hexachlorobutadiene	ND		ug/kg	16	1.5	1
Isopropylbenzene	ND		ug/kg	3.3	0.58	1
p-Isopropyltoluene	ND		ug/kg	3.3	0.90	1
Naphthalene	ND		ug/kg	16	2.5	1
Acrylonitrile	ND		ug/kg	33	1.2	1
n-Propylbenzene	ND		ug/kg	3.3	0.93	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	2.6	1
1,3,5-Trimethylbenzene	ND		ug/kg	16	2.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	16	1.9	1
Freon-113	ND		ug/kg	66	1.3	1
p-Diethylbenzene	ND		ug/kg	13	0.66	1
p-Ethyltoluene	ND		ug/kg	13	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.60	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-13 Date Collected: 08/04/11 14:38

Client ID: PRDESL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-14	Date Collected:	08/04/11 14:53
Client ID:	PRDEBD110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 03:39		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	32	2.6	1
1,1-Dichloroethane	ND		ug/kg	4.7	0.93	1
Chloroform	ND		ug/kg	4.7	1.0	1
Carbon tetrachloride	ND		ug/kg	3.2	0.67	1
1,2-Dichloropropane	ND		ug/kg	11	0.81	1
Dibromochloromethane	ND		ug/kg	3.2	0.97	1
1,1,2-Trichloroethane	ND		ug/kg	4.7	1.2	1
Tetrachloroethene	ND		ug/kg	3.2	0.97	1
Chlorobenzene	ND		ug/kg	3.2	0.59	1
Trichlorofluoromethane	ND		ug/kg	16	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.72	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	0.85	1
Bromodichloromethane	ND		ug/kg	3.2	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.95	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	0.84	1
1,1-Dichloropropene	ND		ug/kg	16	1.4	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	0.76	1
Benzene	ND		ug/kg	3.2	0.94	1
Toluene	ND		ug/kg	4.7	0.76	1
Ethylbenzene	ND		ug/kg	3.2	0.70	1
Chloromethane	ND		ug/kg	16	2.5	1
Bromomethane	ND		ug/kg	6.3	2.0	1
Vinyl chloride	ND		ug/kg	6.3	2.4	1
Chloroethane	ND		ug/kg	6.3	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.82	1
trans-1,2-Dichloroethene	ND		ug/kg	4.7	1.2	1
Trichloroethene	ND		ug/kg	3.2	0.71	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.3	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-14 Date Collected: 08/04/11 14:53

Client ID: PRDEBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.3	1.4	1
o-Xylene	ND		ug/kg	6.3	1.3	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.95	1
Dibromomethane	ND		ug/kg	32	1.4	1
Styrene	ND		ug/kg	6.3	2.3	1
Dichlorodifluoromethane	ND		ug/kg	32	1.2	1
Acetone	ND		ug/kg	32	10.	1
Carbon disulfide	ND		ug/kg	32	1.2	1
2-Butanone	ND		ug/kg	32	12.	1
Vinyl acetate	ND		ug/kg	32	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	32	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	32	1.2	1
2-Hexanone	ND		ug/kg	32	1.2	1
Bromochloromethane	ND		ug/kg	16	0.96	1
2,2-Dichloropropane	ND		ug/kg	16	2.5	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.2	1.0	1
Bromobenzene	ND		ug/kg	16	0.70	1
n-Butylbenzene	ND		ug/kg	3.2	0.99	1
sec-Butylbenzene	ND		ug/kg	3.2	0.87	1
tert-Butylbenzene	ND		ug/kg	16	1.9	1
o-Chlorotoluene	ND		ug/kg	16	0.99	1
p-Chlorotoluene	ND		ug/kg	16	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.6	1
Hexachlorobutadiene	ND		ug/kg	16	1.4	1
Isopropylbenzene	ND		ug/kg	3.2	0.56	1
p-Isopropyltoluene	ND		ug/kg	3.2	0.86	1
Naphthalene	ND		ug/kg	16	2.4	1
Acrylonitrile	ND		ug/kg	32	1.2	1
n-Propylbenzene	ND		ug/kg	3.2	0.90	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	2.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	16	1.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	16	1.8	1
Freon-113	ND		ug/kg	63	1.2	1
p-Diethylbenzene	ND		ug/kg	13	0.63	1
p-Ethyltoluene	ND		ug/kg	13	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.57	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-14 Date Collected: 08/04/11 14:53

Client ID: PRDEBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-15	Date Collected:	08/04/11 15:05
Client ID:	PRDEDS110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	08/06/11 04:07		
Analyst:	BN		
Percent Solids:	72%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	35	2.8	1
1,1-Dichloroethane	ND		ug/kg	5.2	1.0	1
Chloroform	ND		ug/kg	5.2	1.1	1
Carbon tetrachloride	ND		ug/kg	3.5	0.73	1
1,2-Dichloropropane	ND		ug/kg	12	0.88	1
Dibromochloromethane	ND		ug/kg	3.5	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	5.2	1.4	1
Tetrachloroethene	ND		ug/kg	3.5	1.1	1
Chlorobenzene	ND		ug/kg	3.5	0.65	1
Trichlorofluoromethane	ND		ug/kg	17	1.4	1
1,2-Dichloroethane	ND		ug/kg	3.5	0.79	1
1,1,1-Trichloroethane	ND		ug/kg	3.5	0.94	1
Bromodichloromethane	ND		ug/kg	3.5	1.3	1
trans-1,3-Dichloropropene	ND		ug/kg	3.5	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	3.5	0.93	1
1,1-Dichloropropene	ND		ug/kg	17	1.6	1
Bromoform	ND		ug/kg	14	1.7	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.5	0.83	1
Benzene	ND		ug/kg	3.5	1.0	1
Toluene	ND		ug/kg	5.2	0.84	1
Ethylbenzene	ND		ug/kg	3.5	0.77	1
Chloromethane	ND		ug/kg	17	2.7	1
Bromomethane	ND		ug/kg	6.9	2.2	1
Vinyl chloride	ND		ug/kg	6.9	2.6	1
Chloroethane	ND		ug/kg	6.9	1.5	1
1,1-Dichloroethene	ND		ug/kg	3.5	0.90	1
trans-1,2-Dichloroethene	ND		ug/kg	5.2	1.4	1
Trichloroethene	ND		ug/kg	3.5	0.78	1
1,2-Dichlorobenzene	ND		ug/kg	17	1.3	1
1,3-Dichlorobenzene	ND		ug/kg	17	1.4	1
1,4-Dichlorobenzene	ND		ug/kg	17	1.4	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-15 Date Collected: 08/04/11 15:05

Client ID: PRDEDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.9	1.5	1
o-Xylene	ND		ug/kg	6.9	1.4	1
cis-1,2-Dichloroethene	ND		ug/kg	3.5	1.0	1
Dibromomethane	ND		ug/kg	35	1.5	1
Styrene	ND		ug/kg	6.9	2.5	1
Dichlorodifluoromethane	ND		ug/kg	35	1.4	1
Acetone	ND		ug/kg	35	11.	1
Carbon disulfide	ND		ug/kg	35	1.3	1
2-Butanone	ND		ug/kg	35	13.	1
Vinyl acetate	ND		ug/kg	35	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	35	2.8	1
1,2,3-Trichloropropane	ND		ug/kg	35	1.3	1
2-Hexanone	ND		ug/kg	35	1.4	1
Bromochloromethane	ND		ug/kg	17	1.0	1
2,2-Dichloropropane	ND		ug/kg	17	2.8	1
1,2-Dibromoethane	ND		ug/kg	14	1.4	1
1,3-Dichloropropane	ND		ug/kg	17	2.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.5	1.1	1
Bromobenzene	ND		ug/kg	17	0.76	1
n-Butylbenzene	ND		ug/kg	3.5	1.1	1
sec-Butylbenzene	ND		ug/kg	3.5	0.96	1
tert-Butylbenzene	ND		ug/kg	17	2.1	1
o-Chlorotoluene	ND		ug/kg	17	1.1	1
p-Chlorotoluene	ND		ug/kg	17	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	17	2.9	1
Hexachlorobutadiene	ND		ug/kg	17	1.6	1
Isopropylbenzene	ND		ug/kg	3.5	0.61	1
p-Isopropyltoluene	ND		ug/kg	3.5	0.95	1
Naphthalene	ND		ug/kg	17	2.7	1
Acrylonitrile	ND		ug/kg	35	1.3	1
n-Propylbenzene	ND		ug/kg	3.5	0.99	1
1,2,3-Trichlorobenzene	ND		ug/kg	17	1.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	17	2.7	1
1,3,5-Trimethylbenzene	ND		ug/kg	17	2.1	1
1,2,4-Trimethylbenzene	ND		ug/kg	17	2.0	1
Freon-113	ND		ug/kg	69	1.4	1
p-Diethylbenzene	ND		ug/kg	14	0.69	1
p-Ethyltoluene	ND		ug/kg	14	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	14	0.63	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-15 Date Collected: 08/04/11 15:05

Client ID: PRDEDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	17	1.3	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	17	5.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 20:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG483344-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 20:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG483344-3					
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94
n-Propylbenzene	ND		ug/kg	2.5	0.71

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/05/11 20:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-15 Batch: WG483344-3					
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
Freon-113	ND		ug/kg	50	0.99
p-Diethylbenzene	ND		ug/kg	10	0.50
p-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP

Project Number: Not Specified

Lab Number: L1111859

Report Date: 08/08/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-15 Batch: WG483344-1 WG483344-2								
Chlorobenzene	88		89		60-133	1		30
Benzene	90		91		66-142	1		30
Toluene	86		87		59-139	1		30
1,1-Dichloroethene	85		86		59-172	1		30
Trichloroethene	89		91		62-137	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-01	Date Collected:	08/03/11 15:52
Client ID:	PRDASL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/06/11 01:07
Analytical Date:	08/06/11 20:29		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	51.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	33.	1
2-Chloronaphthalene	ND		ug/kg	170	52.	1
1,2-Dichlorobenzene	ND		ug/kg	170	51.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	63.	1
2,4-Dinitrotoluene	ND		ug/kg	170	52.	1
2,6-Dinitrotoluene	ND		ug/kg	170	58.	1
Fluoranthene	310		ug/kg	100	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	49.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	44.	1
Hexachlorobutadiene	ND		ug/kg	170	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	140	1
Hexachloroethane	ND		ug/kg	140	25.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	ND		ug/kg	170	56.	1
Nitrobenzene	ND		ug/kg	160	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	49.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	36.	1
Butyl benzyl phthalate	ND		ug/kg	170	49.	1
Di-n-butylphthalate	ND		ug/kg	170	30.	1
Di-n-octylphthalate	ND		ug/kg	170	47.	1
Diethyl phthalate	ND		ug/kg	170	30.	1
Dimethyl phthalate	ND		ug/kg	170	29.	1
Benzo(a)anthracene	200		ug/kg	100	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-01 Date Collected: 08/03/11 15:52

Client ID: PRDASL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	240		ug/kg	140	42.	1
Benzo(b)fluoranthene	260		ug/kg	100	31.	1
Benzo(k)fluoranthene	96	J	ug/kg	100	27.	1
Chrysene	240		ug/kg	100	27.	1
Acenaphthylene	250		ug/kg	140	45.	1
Anthracene	110		ug/kg	100	24.	1
Benzo(ghi)perylene	180		ug/kg	140	44.	1
Fluorene	ND		ug/kg	170	32.	1
Phenanthrene	150		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	100	32.	1
Indeno(1,2,3-cd)Pyrene	160		ug/kg	140	43.	1
Pyrene	420		ug/kg	100	29.	1
Biphenyl	ND		ug/kg	400	120	1
4-Chloroaniline	ND		ug/kg	170	59.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	20.	1
4-Nitroaniline	ND		ug/kg	170	110	1
Dibenzofuran	ND		ug/kg	170	36.	1
2-Methylnaphthalene	ND		ug/kg	210	69.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	56.	1
Acetophenone	ND		ug/kg	170	56.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	36.	1
2-Chlorophenol	ND		ug/kg	170	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	51.	1
2,4-Dimethylphenol	ND		ug/kg	170	72.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	240	75.	1
2,4-Dinitrophenol	ND		ug/kg	840	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	160	1
Pentachlorophenol	ND		ug/kg	140	41.	1
Phenol	ND		ug/kg	170	55.	1
2-Methylphenol	ND		ug/kg	170	43.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	76.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	41.	1
Benzoic Acid	ND		ug/kg	570	150	1
Benzyl Alcohol	ND		ug/kg	170	41.	1
Carbazole	ND		ug/kg	170	28.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-01 Date Collected: 08/03/11 15:52

Client ID: PRDASL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	100		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-02	Date Collected:	08/03/11 15:58
Client ID:	PRDABD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 13:31		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	52.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	52.	1
1,3-Dichlorobenzene	ND		ug/kg	180	55.	1
1,4-Dichlorobenzene	ND		ug/kg	180	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	64.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	59.	1
Fluoranthene	580		ug/kg	110	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	45.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	ND		ug/kg	180	57.	1
Nitrobenzene	ND		ug/kg	160	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	50.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	29.	1
Benzo(a)anthracene	300		ug/kg	110	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-02 Date Collected: 08/03/11 15:58

Client ID: PRDABD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	320		ug/kg	140	42.	1
Benzo(b)fluoranthene	340		ug/kg	110	32.	1
Benzo(k)fluoranthene	140		ug/kg	110	27.	1
Chrysene	320		ug/kg	110	28.	1
Acenaphthylene	240		ug/kg	140	46.	1
Anthracene	130		ug/kg	110	25.	1
Benzo(ghi)perylene	230		ug/kg	140	45.	1
Fluorene	60	J	ug/kg	180	33.	1
Phenanthrene	340		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	110	33.	1
Indeno(1,2,3-cd)Pyrene	200		ug/kg	140	44.	1
Pyrene	640		ug/kg	110	29.	1
Biphenyl	ND		ug/kg	410	120	1
4-Chloroaniline	ND		ug/kg	180	60.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	37.	1
2-Methylnaphthalene	ND		ug/kg	210	70.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	36.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	52.	1
2,4-Dimethylphenol	ND		ug/kg	180	74.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	250	76.	1
2,4-Dinitrophenol	ND		ug/kg	860	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	77.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	580	150	1
Benzyl Alcohol	ND		ug/kg	180	41.	1
Carbazole	ND		ug/kg	180	29.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-02 Date Collected: 08/03/11 15:58

Client ID: PRDABD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	71		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-03	Date Collected:	08/03/11 16:08
Client ID:	PRDADS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 13:57		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	51.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	33.	1
2-Chloronaphthalene	ND		ug/kg	180	53.	1
1,2-Dichlorobenzene	ND		ug/kg	180	52.	1
1,3-Dichlorobenzene	ND		ug/kg	180	54.	1
1,4-Dichlorobenzene	ND		ug/kg	180	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	63.	1
2,4-Dinitrotoluene	ND		ug/kg	180	52.	1
2,6-Dinitrotoluene	ND		ug/kg	180	58.	1
Fluoranthene	1100		ug/kg	100	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	44.	1
Hexachlorobutadiene	ND		ug/kg	180	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	140	1
Hexachloroethane	ND		ug/kg	140	25.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	200		ug/kg	180	56.	1
Nitrobenzene	ND		ug/kg	160	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	49.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	36.	1
Butyl benzyl phthalate	ND		ug/kg	180	49.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	47.	1
Diethyl phthalate	ND		ug/kg	180	30.	1
Dimethyl phthalate	ND		ug/kg	180	29.	1
Benzo(a)anthracene	1300		ug/kg	100	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-03 Date Collected: 08/03/11 16:08

Client ID: PRDADS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	2400		ug/kg	140	42.	1
Benzo(b)fluoranthene	2100		ug/kg	100	31.	1
Benzo(k)fluoranthene	680		ug/kg	100	27.	1
Chrysene	1600		ug/kg	100	27.	1
Acenaphthylene	2200		ug/kg	140	46.	1
Anthracene	790		ug/kg	100	24.	1
Benzo(ghi)perylene	1700		ug/kg	140	44.	1
Fluorene	250		ug/kg	180	32.	1
Phenanthrene	450		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	410		ug/kg	100	32.	1
Indeno(1,2,3-cd)Pyrene	1400		ug/kg	140	43.	1
Pyrene	2100		ug/kg	100	29.	1
Biphenyl	ND		ug/kg	400	120	1
4-Chloroaniline	ND		ug/kg	180	59.	1
2-Nitroaniline	ND		ug/kg	180	32.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	36.	1
2-Methylnaphthalene	100	J	ug/kg	210	69.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	56.	1
Acetophenone	ND		ug/kg	180	56.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	180	36.	1
2-Chlorophenol	ND		ug/kg	180	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	51.	1
2,4-Dimethylphenol	ND		ug/kg	180	72.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	240	75.	1
2,4-Dinitrophenol	ND		ug/kg	840	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	160	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	43.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	76.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	41.	1
Benzoic Acid	ND		ug/kg	570	150	1
Benzyl Alcohol	ND		ug/kg	180	41.	1
Carbazole	ND		ug/kg	180	28.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-03 Date Collected: 08/03/11 16:08

Client ID: PRDADS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	70		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-04	Date Collected:	08/03/11 16:25
Client ID:	PRDBSL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 14:23		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	52.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	53.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	65.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	59.	1
Fluoranthene	70	J	ug/kg	110	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	51.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	45.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	43.	1
Naphthalene	ND		ug/kg	180	57.	1
Nitrobenzene	ND		ug/kg	160	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	50.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	52	J	ug/kg	110	36.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-04 Date Collected: 08/03/11 16:25

Client ID: PRDBSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	59	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	57	J	ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	46.	1
Anthracene	ND		ug/kg	110	25.	1
Benzo(ghi)perylene	ND		ug/kg	140	45.	1
Fluorene	ND		ug/kg	180	33.	1
Phenanthrene	ND		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	44.	1
Pyrene	91	J	ug/kg	110	30.	1
Biphenyl	ND		ug/kg	410	120	1
4-Chloroaniline	ND		ug/kg	180	60.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	37.	1
2-Methylnaphthalene	ND		ug/kg	220	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	37.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	52.	1
2,4-Dimethylphenol	ND		ug/kg	180	74.	1
2-Nitrophenol	ND		ug/kg	390	130	1
4-Nitrophenol	ND		ug/kg	250	76.	1
2,4-Dinitrophenol	ND		ug/kg	860	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	580	150	1
Benzyl Alcohol	ND		ug/kg	180	42.	1
Carbazole	ND		ug/kg	180	29.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-04 Date Collected: 08/03/11 16:25

Client ID: PRDBSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	46		0-136
4-Terphenyl-d14	63		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-05	Date Collected:	08/03/11 16:30
Client ID:	PRDBBD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 14:49		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	51.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	33.	1
2-Chloronaphthalene	ND		ug/kg	180	53.	1
1,2-Dichlorobenzene	ND		ug/kg	180	52.	1
1,3-Dichlorobenzene	ND		ug/kg	180	54.	1
1,4-Dichlorobenzene	ND		ug/kg	180	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	64.	1
2,4-Dinitrotoluene	ND		ug/kg	180	53.	1
2,6-Dinitrotoluene	ND		ug/kg	180	58.	1
Fluoranthene	1600		ug/kg	100	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	44.	1
Hexachlorobutadiene	ND		ug/kg	180	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	140	1
Hexachloroethane	ND		ug/kg	140	25.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	ND		ug/kg	180	56.	1
Nitrobenzene	ND		ug/kg	160	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	49.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	36.	1
Butyl benzyl phthalate	ND		ug/kg	180	49.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	30.	1
Dimethyl phthalate	ND		ug/kg	180	29.	1
Benzo(a)anthracene	600		ug/kg	100	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-05 Date Collected: 08/03/11 16:30

Client ID: PRDBBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	570		ug/kg	140	42.	1
Benzo(b)fluoranthene	670		ug/kg	100	31.	1
Benzo(k)fluoranthene	300		ug/kg	100	27.	1
Chrysene	600		ug/kg	100	27.	1
Acenaphthylene	180		ug/kg	140	46.	1
Anthracene	400		ug/kg	100	24.	1
Benzo(ghi)perylene	390		ug/kg	140	44.	1
Fluorene	160	J	ug/kg	180	32.	1
Phenanthrene	1300		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	93	J	ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	380		ug/kg	140	43.	1
Pyrene	1400		ug/kg	100	29.	1
Biphenyl	ND		ug/kg	400	120	1
4-Chloroaniline	ND		ug/kg	180	59.	1
2-Nitroaniline	ND		ug/kg	180	32.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	61	J	ug/kg	180	36.	1
2-Methylnaphthalene	ND		ug/kg	210	69.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	56.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	180	36.	1
2-Chlorophenol	ND		ug/kg	180	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	51.	1
2,4-Dimethylphenol	ND		ug/kg	180	73.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	250	75.	1
2,4-Dinitrophenol	ND		ug/kg	840	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	43.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	76.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	41.	1
Benzoic Acid	ND		ug/kg	570	150	1
Benzyl Alcohol	ND		ug/kg	180	41.	1
Carbazole	210		ug/kg	180	28.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-05 Date Collected: 08/03/11 16:30

Client ID: PRDBBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	68		0-136
4-Terphenyl-d14	71		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-06	Date Collected:	08/03/11 16:39
Client ID:	PRDBDS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 15:15		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	52.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	52.	1
1,3-Dichlorobenzene	ND		ug/kg	180	55.	1
1,4-Dichlorobenzene	ND		ug/kg	180	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	64.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	59.	1
Fluoranthene	1700		ug/kg	110	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	45.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	ND		ug/kg	180	57.	1
Nitrobenzene	ND		ug/kg	160	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	50.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	29.	1
Benzo(a)anthracene	570		ug/kg	110	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-06 Date Collected: 08/03/11 16:39

Client ID: PRDBDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	510		ug/kg	140	42.	1
Benzo(b)fluoranthene	630		ug/kg	110	32.	1
Benzo(k)fluoranthene	220		ug/kg	110	27.	1
Chrysene	560		ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	46.	1
Anthracene	430		ug/kg	110	25.	1
Benzo(ghi)perylene	280		ug/kg	140	45.	1
Fluorene	170	J	ug/kg	180	33.	1
Phenanthrene	1600		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	72	J	ug/kg	110	33.	1
Indeno(1,2,3-cd)Pyrene	310		ug/kg	140	44.	1
Pyrene	1400		ug/kg	110	29.	1
Biphenyl	ND		ug/kg	410	120	1
4-Chloroaniline	ND		ug/kg	180	60.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	79	J	ug/kg	180	37.	1
2-Methylnaphthalene	ND		ug/kg	210	70.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	36.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	52.	1
2,4-Dimethylphenol	ND		ug/kg	180	74.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	250	76.	1
2,4-Dinitrophenol	ND		ug/kg	860	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	77.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	580	150	1
Benzyl Alcohol	ND		ug/kg	180	41.	1
Carbazole	270		ug/kg	180	29.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-06 Date Collected: 08/03/11 16:39

Client ID: PRDBDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	48		0-136
4-Terphenyl-d14	62		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-07	Date Collected:	08/03/11 16:56
Client ID:	PRDCSL110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 15:42		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	54.	1
Hexachlorobenzene	ND		ug/kg	110	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	35.	1
2-Chloronaphthalene	ND		ug/kg	180	55.	1
1,2-Dichlorobenzene	ND		ug/kg	180	54.	1
1,3-Dichlorobenzene	ND		ug/kg	180	57.	1
1,4-Dichlorobenzene	ND		ug/kg	180	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	66.	1
2,4-Dinitrotoluene	ND		ug/kg	180	55.	1
2,6-Dinitrotoluene	ND		ug/kg	180	61.	1
Fluoranthene	320		ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	46.	1
Hexachlorobutadiene	ND		ug/kg	180	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	140	1
Hexachloroethane	ND		ug/kg	150	27.	1
Isophorone	ND		ug/kg	160	44.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	54.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	38.	1
Butyl benzyl phthalate	ND		ug/kg	180	52.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	50.	1
Diethyl phthalate	ND		ug/kg	180	32.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	200		ug/kg	110	36.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-07 Date Collected: 08/03/11 16:56

Client ID: PRDCSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	240		ug/kg	150	44.	1
Benzo(b)fluoranthene	230		ug/kg	110	33.	1
Benzo(k)fluoranthene	88	J	ug/kg	110	28.	1
Chrysene	250		ug/kg	110	29.	1
Acenaphthylene	220		ug/kg	150	48.	1
Anthracene	96	J	ug/kg	110	26.	1
Benzo(ghi)perylene	170		ug/kg	150	46.	1
Fluorene	ND		ug/kg	180	34.	1
Phenanthrene	190		ug/kg	110	31.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	160		ug/kg	150	45.	1
Pyrene	420		ug/kg	110	30.	1
Biphenyl	ND		ug/kg	420	130	1
4-Chloroaniline	ND		ug/kg	180	62.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	21.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	38.	1
2-Methylnaphthalene	ND		ug/kg	220	72.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	59.	1
Acetophenone	ND		ug/kg	180	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	38.	1
2-Chlorophenol	ND		ug/kg	180	58.	1
2,4-Dichlorophenol	ND		ug/kg	160	54.	1
2,4-Dimethylphenol	ND		ug/kg	180	76.	1
2-Nitrophenol	ND		ug/kg	400	130	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	880	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	170	1
Pentachlorophenol	ND		ug/kg	150	44.	1
Phenol	ND		ug/kg	180	58.	1
2-Methylphenol	ND		ug/kg	180	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	80.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	43.	1
Benzoic Acid	ND		ug/kg	600	160	1
Benzyl Alcohol	ND		ug/kg	180	43.	1
Carbazole	ND		ug/kg	180	30.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-07 Date Collected: 08/03/11 16:56

Client ID: PRDCSL110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	60		0-136
4-Terphenyl-d14	62		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-08	Date Collected:	08/03/11 17:08
Client ID:	PRDCBD110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 16:08		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2800		ug/kg	140	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	52.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	53.	1
1,2-Dichlorobenzene	ND		ug/kg	180	52.	1
1,3-Dichlorobenzene	ND		ug/kg	180	55.	1
1,4-Dichlorobenzene	ND		ug/kg	180	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	64.	1
2,4-Dinitrotoluene	ND		ug/kg	180	53.	1
2,6-Dinitrotoluene	ND		ug/kg	180	58.	1
Fluoranthene	37000	E	ug/kg	110	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	45.	1
Hexachlorobutadiene	ND		ug/kg	180	47.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	42.	1
Naphthalene	430		ug/kg	180	56.	1
Nitrobenzene	ND		ug/kg	160	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	50.	1
Di-n-butylphthalate	ND		ug/kg	180	30.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	29.	1
Benzo(a)anthracene	12000	E	ug/kg	110	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-08 Date Collected: 08/03/11 17:08

Client ID: PRDCBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	12000	E	ug/kg	140	42.	1
Benzo(b)fluoranthene	15000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	5300		ug/kg	110	27.	1
Chrysene	12000	E	ug/kg	110	28.	1
Acenaphthylene	160		ug/kg	140	46.	1
Anthracene	9900	E	ug/kg	110	25.	1
Benzo(ghi)perylene	7000		ug/kg	140	45.	1
Fluorene	3400		ug/kg	180	33.	1
Phenanthrene	32000	E	ug/kg	110	30.	1
Dibenzo(a,h)anthracene	1800		ug/kg	110	33.	1
Indeno(1,2,3-cd)Pyrene	7100		ug/kg	140	43.	1
Pyrene	32000	E	ug/kg	110	29.	1
Biphenyl	ND		ug/kg	400	120	1
4-Chloroaniline	ND		ug/kg	180	60.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	1400		ug/kg	180	36.	1
2-Methylnaphthalene	160	J	ug/kg	210	70.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	36.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	52.	1
2,4-Dimethylphenol	ND		ug/kg	180	73.	1
2-Nitrophenol	ND		ug/kg	380	130	1
4-Nitrophenol	ND		ug/kg	250	76.	1
2,4-Dinitrophenol	ND		ug/kg	850	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	77.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	41.	1
Benzoic Acid	ND		ug/kg	580	150	1
Benzyl Alcohol	ND		ug/kg	180	41.	1
Carbazole	5600		ug/kg	180	29.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-08 Date Collected: 08/03/11 17:08

Client ID: PRDCBD110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	56		0-136
4-Terphenyl-d14	87		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-08	D	Date Collected:	08/03/11 17:08
Client ID:	PRDCBD110803		Date Received:	08/05/11
Sample Location:	Not Specified		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	08/05/11 17:32
Analytical Date:	08/08/11 10:14			
Analyst:	JB			
Percent Solids:	92%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	44000		ug/kg	1100	230	10
Benzo(a)anthracene	15000		ug/kg	1100	350	10
Benzo(a)pyrene	12000		ug/kg	1400	420	10
Benzo(b)fluoranthene	16000		ug/kg	1100	320	10
Chrysene	14000		ug/kg	1100	280	10
Anthracene	9700		ug/kg	1100	250	10
Phenanthrene	39000		ug/kg	1100	300	10
Pyrene	35000		ug/kg	1100	290	10

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-09	Date Collected:	08/03/11 17:20
Client ID:	PRDCDS110803	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 16:34		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5200		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	54.	1
Hexachlorobenzene	ND		ug/kg	110	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	35.	1
2-Chloronaphthalene	ND		ug/kg	180	55.	1
1,2-Dichlorobenzene	ND		ug/kg	180	54.	1
1,3-Dichlorobenzene	ND		ug/kg	180	57.	1
1,4-Dichlorobenzene	ND		ug/kg	180	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	67.	1
2,4-Dinitrotoluene	ND		ug/kg	180	55.	1
2,6-Dinitrotoluene	ND		ug/kg	180	61.	1
Fluoranthene	51000	E	ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	33.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	46.	1
Hexachlorobutadiene	ND		ug/kg	180	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	150	1
Hexachloroethane	ND		ug/kg	150	27.	1
Isophorone	ND		ug/kg	170	44.	1
Naphthalene	790		ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	170	54.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	38.	1
Butyl benzyl phthalate	ND		ug/kg	180	52.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	50.	1
Diethyl phthalate	ND		ug/kg	180	32.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	21000	E	ug/kg	110	36.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-09 Date Collected: 08/03/11 17:20

Client ID: PRDCDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	21000	E	ug/kg	150	44.	1
Benzo(b)fluoranthene	30000	E	ug/kg	110	33.	1
Benzo(k)fluoranthene	7400		ug/kg	110	28.	1
Chrysene	21000	E	ug/kg	110	29.	1
Acenaphthylene	320		ug/kg	150	48.	1
Anthracene	18000	E	ug/kg	110	26.	1
Benzo(ghi)perylene	11000	E	ug/kg	150	47.	1
Fluorene	6200		ug/kg	180	34.	1
Phenanthrene	49000	E	ug/kg	110	31.	1
Dibenzo(a,h)anthracene	3800		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	13000	E	ug/kg	150	45.	1
Pyrene	46000	E	ug/kg	110	30.	1
Biphenyl	ND		ug/kg	420	130	1
4-Chloroaniline	ND		ug/kg	180	62.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	21.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	2700		ug/kg	180	38.	1
2-Methylnaphthalene	280		ug/kg	220	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	59.	1
Acetophenone	ND		ug/kg	180	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	38.	1
2-Chlorophenol	ND		ug/kg	180	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	54.	1
2,4-Dimethylphenol	ND		ug/kg	180	76.	1
2-Nitrophenol	ND		ug/kg	400	130	1
4-Nitrophenol	ND		ug/kg	260	79.	1
2,4-Dinitrophenol	ND		ug/kg	890	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	170	1
Pentachlorophenol	ND		ug/kg	150	44.	1
Phenol	ND		ug/kg	180	58.	1
2-Methylphenol	ND		ug/kg	180	46.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	80.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	43.	1
Benzoic Acid	ND		ug/kg	600	160	1
Benzyl Alcohol	ND		ug/kg	180	43.	1
Carbazole	9600	E	ug/kg	180	30.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-09 Date Collected: 08/03/11 17:20

Client ID: PRDCDS110803 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	91		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-09	D	Date Collected:	08/03/11 17:20
Client ID:	PRDCDS110803		Date Received:	08/05/11
Sample Location:	Not Specified		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	08/05/11 17:32
Analytical Date:	08/08/11 10:41			
Analyst:	JB			
Percent Solids:	90%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	71000		ug/kg	1100	240	10
Benzo(a)anthracene	23000		ug/kg	1100	360	10
Benzo(a)pyrene	20000		ug/kg	1500	440	10
Benzo(b)fluoranthene	25000		ug/kg	1100	330	10
Chrysene	23000		ug/kg	1100	290	10
Anthracene	17000		ug/kg	1100	260	10
Benzo(ghi)perylene	13000		ug/kg	1500	470	10
Phenanthrene	65000		ug/kg	1100	310	10
Indeno(1,2,3-cd)Pyrene	13000		ug/kg	1500	450	10
Pyrene	55000		ug/kg	1100	300	10
Carbazole	10000		ug/kg	1800	300	10

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-10	Date Collected:	08/04/11 14:12
Client ID:	PRDDSL110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 17:00		
Analyst:	JB		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	49.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	66.	1
Hexachlorobenzene	ND		ug/kg	140	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	43.	1
2-Chloronaphthalene	ND		ug/kg	230	68.	1
1,2-Dichlorobenzene	ND		ug/kg	230	67.	1
1,3-Dichlorobenzene	ND		ug/kg	230	70.	1
1,4-Dichlorobenzene	ND		ug/kg	230	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	82.	1
2,4-Dinitrotoluene	ND		ug/kg	230	68.	1
2,6-Dinitrotoluene	ND		ug/kg	230	75.	1
Fluoranthene	360		ug/kg	140	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	40.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	64.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	57.	1
Hexachlorobutadiene	ND		ug/kg	230	60.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	180	1
Hexachloroethane	ND		ug/kg	180	33.	1
Isophorone	ND		ug/kg	200	54.	1
Naphthalene	ND		ug/kg	230	72.	1
Nitrobenzene	ND		ug/kg	200	66.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	57.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	64.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	230	47.	1
Butyl benzyl phthalate	ND		ug/kg	230	64.	1
Di-n-butylphthalate	ND		ug/kg	230	39.	1
Di-n-octylphthalate	ND		ug/kg	230	61.	1
Diethyl phthalate	ND		ug/kg	230	39.	1
Dimethyl phthalate	ND		ug/kg	230	37.	1
Benzo(a)anthracene	200		ug/kg	140	45.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-10 Date Collected: 08/04/11 14:12

Client ID: PRDDSL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	230		ug/kg	180	54.	1
Benzo(b)fluoranthene	260		ug/kg	140	40.	1
Benzo(k)fluoranthene	98	J	ug/kg	140	35.	1
Chrysene	240		ug/kg	140	35.	1
Acenaphthylene	170	J	ug/kg	180	59.	1
Anthracene	82	J	ug/kg	140	31.	1
Benzo(ghi)perylene	150	J	ug/kg	180	57.	1
Fluorene	ND		ug/kg	230	42.	1
Phenanthrene	200		ug/kg	140	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	42.	1
Indeno(1,2,3-cd)Pyrene	130	J	ug/kg	180	56.	1
Pyrene	420		ug/kg	140	37.	1
Biphenyl	ND		ug/kg	520	160	1
4-Chloroaniline	ND		ug/kg	230	76.	1
2-Nitroaniline	ND		ug/kg	230	42.	1
3-Nitroaniline	ND		ug/kg	230	25.	1
4-Nitroaniline	ND		ug/kg	230	140	1
Dibenzofuran	ND		ug/kg	230	47.	1
2-Methylnaphthalene	ND		ug/kg	270	89.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	72.	1
Acetophenone	ND		ug/kg	230	73.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	42.	1
P-Chloro-M-Cresol	ND		ug/kg	230	46.	1
2-Chlorophenol	ND		ug/kg	230	71.	1
2,4-Dichlorophenol	ND		ug/kg	200	66.	1
2,4-Dimethylphenol	ND		ug/kg	230	94.	1
2-Nitrophenol	ND		ug/kg	490	160	1
4-Nitrophenol	ND		ug/kg	320	97.	1
2,4-Dinitrophenol	ND		ug/kg	1100	350	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	210	1
Pentachlorophenol	ND		ug/kg	180	54.	1
Phenol	ND		ug/kg	230	71.	1
2-Methylphenol	ND		ug/kg	230	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	98.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	53.	1
Benzoic Acid	ND		ug/kg	740	190	1
Benzyl Alcohol	ND		ug/kg	230	53.	1
Carbazole	ND		ug/kg	230	36.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-10 Date Collected: 08/04/11 14:12

Client ID: PRDDSL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	72		0-136
4-Terphenyl-d14	70		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-11	Date Collected:	08/04/11 14:20
Client ID:	PRDDBD110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 17:26		
Analyst:	JB		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	48.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	64.	1
Hexachlorobenzene	ND		ug/kg	130	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	42.	1
2-Chloronaphthalene	ND		ug/kg	220	66.	1
1,2-Dichlorobenzene	ND		ug/kg	220	65.	1
1,3-Dichlorobenzene	ND		ug/kg	220	68.	1
1,4-Dichlorobenzene	ND		ug/kg	220	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	79.	1
2,4-Dinitrotoluene	ND		ug/kg	220	66.	1
2,6-Dinitrotoluene	ND		ug/kg	220	72.	1
Fluoranthene	190		ug/kg	130	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	39.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	55.	1
Hexachlorobutadiene	ND		ug/kg	220	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	170	1
Hexachloroethane	ND		ug/kg	180	32.	1
Isophorone	ND		ug/kg	200	52.	1
Naphthalene	ND		ug/kg	220	70.	1
Nitrobenzene	ND		ug/kg	200	64.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	55.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	46.	1
Butyl benzyl phthalate	ND		ug/kg	220	62.	1
Di-n-butylphthalate	ND		ug/kg	220	37.	1
Di-n-octylphthalate	ND		ug/kg	220	59.	1
Diethyl phthalate	ND		ug/kg	220	38.	1
Dimethyl phthalate	ND		ug/kg	220	36.	1
Benzo(a)anthracene	120	J	ug/kg	130	44.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-11 Date Collected: 08/04/11 14:20

Client ID: PRDDBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	150	J	ug/kg	180	52.	1
Benzo(b)fluoranthene	140		ug/kg	130	39.	1
Benzo(k)fluoranthene	58	J	ug/kg	130	34.	1
Chrysene	140		ug/kg	130	34.	1
Acenaphthylene	120	J	ug/kg	180	57.	1
Anthracene	60	J	ug/kg	130	30.	1
Benzo(ghi)perylene	110	J	ug/kg	180	56.	1
Fluorene	ND		ug/kg	220	40.	1
Phenanthrene	66	J	ug/kg	130	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	41.	1
Indeno(1,2,3-cd)Pyrene	83	J	ug/kg	180	54.	1
Pyrene	240		ug/kg	130	36.	1
Biphenyl	ND		ug/kg	500	150	1
4-Chloroaniline	ND		ug/kg	220	74.	1
2-Nitroaniline	ND		ug/kg	220	40.	1
3-Nitroaniline	ND		ug/kg	220	25.	1
4-Nitroaniline	ND		ug/kg	220	130	1
Dibenzofuran	ND		ug/kg	220	45.	1
2-Methylnaphthalene	ND		ug/kg	260	87.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	70.	1
Acetophenone	ND		ug/kg	220	71.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	220	45.	1
2-Chlorophenol	ND		ug/kg	220	69.	1
2,4-Dichlorophenol	ND		ug/kg	200	64.	1
2,4-Dimethylphenol	ND		ug/kg	220	91.	1
2-Nitrophenol	ND		ug/kg	480	160	1
4-Nitrophenol	ND		ug/kg	310	94.	1
2,4-Dinitrophenol	ND		ug/kg	1000	340	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	210	1
Pentachlorophenol	ND		ug/kg	180	52.	1
Phenol	ND		ug/kg	220	69.	1
2-Methylphenol	ND		ug/kg	220	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	95.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	51.	1
Benzoic Acid	ND		ug/kg	710	190	1
Benzyl Alcohol	ND		ug/kg	220	51.	1
Carbazole	ND		ug/kg	220	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-11	Date Collected:	08/04/11 14:20
Client ID:	PRDDBD110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	59		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-12	Date Collected:	08/04/11 14:28
Client ID:	PRDDDS110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:32
Analytical Date:	08/06/11 17:52		
Analyst:	JB		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	45.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	61.	1
Hexachlorobenzene	ND		ug/kg	120	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	40.	1
2-Chloronaphthalene	ND		ug/kg	210	63.	1
1,2-Dichlorobenzene	ND		ug/kg	210	62.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	76.	1
2,4-Dinitrotoluene	ND		ug/kg	210	63.	1
2,6-Dinitrotoluene	ND		ug/kg	210	69.	1
Fluoranthene	160		ug/kg	120	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	37.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	59.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	53.	1
Hexachlorobutadiene	ND		ug/kg	210	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	160	1
Hexachloroethane	ND		ug/kg	170	30.	1
Isophorone	ND		ug/kg	190	50.	1
Naphthalene	ND		ug/kg	210	67.	1
Nitrobenzene	ND		ug/kg	190	61.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	53.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	59.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	43.	1
Butyl benzyl phthalate	ND		ug/kg	210	59.	1
Di-n-butylphthalate	ND		ug/kg	210	36.	1
Di-n-octylphthalate	ND		ug/kg	210	57.	1
Diethyl phthalate	ND		ug/kg	210	36.	1
Dimethyl phthalate	ND		ug/kg	210	35.	1
Benzo(a)anthracene	100	J	ug/kg	120	42.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-12 Date Collected: 08/04/11 14:28

Client ID: PRDDDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	130	J	ug/kg	170	50.	1
Benzo(b)fluoranthene	140		ug/kg	120	37.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	120		ug/kg	120	33.	1
Acenaphthylene	ND		ug/kg	170	54.	1
Anthracene	ND		ug/kg	120	29.	1
Benzo(ghi)perylene	82	J	ug/kg	170	53.	1
Fluorene	ND		ug/kg	210	38.	1
Phenanthrene	78	J	ug/kg	120	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	68	J	ug/kg	170	51.	1
Pyrene	200		ug/kg	120	34.	1
Biphenyl	ND		ug/kg	480	150	1
4-Chloroaniline	ND		ug/kg	210	70.	1
2-Nitroaniline	ND		ug/kg	210	38.	1
3-Nitroaniline	ND		ug/kg	210	24.	1
4-Nitroaniline	ND		ug/kg	210	130	1
Dibenzofuran	ND		ug/kg	210	43.	1
2-Methylnaphthalene	ND		ug/kg	250	82.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	67.	1
Acetophenone	ND		ug/kg	210	67.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	210	43.	1
2-Chlorophenol	ND		ug/kg	210	66.	1
2,4-Dichlorophenol	ND		ug/kg	190	61.	1
2,4-Dimethylphenol	ND		ug/kg	210	86.	1
2-Nitrophenol	ND		ug/kg	450	150	1
4-Nitrophenol	ND		ug/kg	290	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	200	1
Pentachlorophenol	ND		ug/kg	170	50.	1
Phenol	ND		ug/kg	210	66.	1
2-Methylphenol	ND		ug/kg	210	52.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	91.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	49.	1
Benzoic Acid	ND		ug/kg	680	180	1
Benzyl Alcohol	ND		ug/kg	210	49.	1
Carbazole	ND		ug/kg	210	34.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-12 Date Collected: 08/04/11 14:28

Client ID: PRDDDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	63		0-136
4-Terphenyl-d14	65		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-13	Date Collected:	08/04/11 14:38
Client ID:	PRDESL110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:33
Analytical Date:	08/06/11 18:18		
Analyst:	JB		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	64.	1
Hexachlorobenzene	ND		ug/kg	130	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	41.	1
2-Chloronaphthalene	ND		ug/kg	220	66.	1
1,2-Dichlorobenzene	ND		ug/kg	220	64.	1
1,3-Dichlorobenzene	ND		ug/kg	220	68.	1
1,4-Dichlorobenzene	ND		ug/kg	220	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	79.	1
2,4-Dinitrotoluene	ND		ug/kg	220	66.	1
2,6-Dinitrotoluene	ND		ug/kg	220	72.	1
Fluoranthene	74	J	ug/kg	130	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	38.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	55.	1
Hexachlorobutadiene	ND		ug/kg	220	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	170	1
Hexachloroethane	ND		ug/kg	170	32.	1
Isophorone	ND		ug/kg	200	52.	1
Naphthalene	ND		ug/kg	220	69.	1
Nitrobenzene	ND		ug/kg	200	64.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	55.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	61.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	45.	1
Butyl benzyl phthalate	ND		ug/kg	220	61.	1
Di-n-butylphthalate	ND		ug/kg	220	37.	1
Di-n-octylphthalate	ND		ug/kg	220	59.	1
Diethyl phthalate	ND		ug/kg	220	38.	1
Dimethyl phthalate	ND		ug/kg	220	36.	1
Benzo(a)anthracene	ND		ug/kg	130	43.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-13 Date Collected: 08/04/11 14:38

Client ID: PRDESL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	39.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	34.	1
Acenaphthylene	ND		ug/kg	170	57.	1
Anthracene	ND		ug/kg	130	30.	1
Benzo(ghi)perylene	ND		ug/kg	170	55.	1
Fluorene	ND		ug/kg	220	40.	1
Phenanthrene	ND		ug/kg	130	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	53.	1
Pyrene	63	J	ug/kg	130	36.	1
Biphenyl	ND		ug/kg	500	150	1
4-Chloroaniline	ND		ug/kg	220	74.	1
2-Nitroaniline	ND		ug/kg	220	40.	1
3-Nitroaniline	ND		ug/kg	220	24.	1
4-Nitroaniline	ND		ug/kg	220	130	1
Dibenzofuran	ND		ug/kg	220	45.	1
2-Methylnaphthalene	ND		ug/kg	260	86.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	70.	1
Acetophenone	ND		ug/kg	220	70.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	220	45.	1
2-Chlorophenol	ND		ug/kg	220	68.	1
2,4-Dichlorophenol	ND		ug/kg	200	64.	1
2,4-Dimethylphenol	ND		ug/kg	220	90.	1
2-Nitrophenol	ND		ug/kg	470	160	1
4-Nitrophenol	ND		ug/kg	310	93.	1
2,4-Dinitrophenol	ND		ug/kg	1000	340	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	210	1
Pentachlorophenol	ND		ug/kg	170	52.	1
Phenol	ND		ug/kg	220	69.	1
2-Methylphenol	ND		ug/kg	220	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	94.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	51.	1
Benzoic Acid	ND		ug/kg	710	180	1
Benzyl Alcohol	ND		ug/kg	220	51.	1
Carbazole	ND		ug/kg	220	35.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-13 Date Collected: 08/04/11 14:38

Client ID: PRDESL110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	76		0-136
4-Terphenyl-d14	65		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-14	Date Collected:	08/04/11 14:53
Client ID:	PRDEBD110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:33
Analytical Date:	08/06/11 18:44		
Analyst:	JB		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	170	45.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	61.	1
Hexachlorobenzene	ND		ug/kg	120	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	40.	1
2-Chloronaphthalene	ND		ug/kg	210	63.	1
1,2-Dichlorobenzene	ND		ug/kg	210	62.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	76.	1
2,4-Dinitrotoluene	ND		ug/kg	210	63.	1
2,6-Dinitrotoluene	ND		ug/kg	210	69.	1
Fluoranthene	2500		ug/kg	120	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	37.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	59.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	53.	1
Hexachlorobutadiene	ND		ug/kg	210	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	160	1
Hexachloroethane	ND		ug/kg	170	30.	1
Isophorone	ND		ug/kg	190	50.	1
Naphthalene	77	J	ug/kg	210	67.	1
Nitrobenzene	ND		ug/kg	190	61.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	53.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	59.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	43.	1
Butyl benzyl phthalate	ND		ug/kg	210	59.	1
Di-n-butylphthalate	ND		ug/kg	210	36.	1
Di-n-octylphthalate	ND		ug/kg	210	57.	1
Diethyl phthalate	ND		ug/kg	210	36.	1
Dimethyl phthalate	ND		ug/kg	210	35.	1
Benzo(a)anthracene	1000		ug/kg	120	42.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-14 Date Collected: 08/04/11 14:53

Client ID: PRDEBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	950		ug/kg	170	50.	1
Benzo(b)fluoranthene	1100		ug/kg	120	37.	1
Benzo(k)fluoranthene	400		ug/kg	120	32.	1
Chrysene	1000		ug/kg	120	33.	1
Acenaphthylene	390		ug/kg	170	54.	1
Anthracene	530		ug/kg	120	29.	1
Benzo(ghi)perylene	540		ug/kg	170	53.	1
Fluorene	360		ug/kg	210	38.	1
Phenanthrene	2200		ug/kg	120	35.	1
Dibenzo(a,h)anthracene	150		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	550		ug/kg	170	51.	1
Pyrene	2000		ug/kg	120	34.	1
Biphenyl	ND		ug/kg	480	150	1
4-Chloroaniline	ND		ug/kg	210	70.	1
2-Nitroaniline	ND		ug/kg	210	38.	1
3-Nitroaniline	ND		ug/kg	210	24.	1
4-Nitroaniline	ND		ug/kg	210	130	1
Dibenzofuran	150	J	ug/kg	210	43.	1
2-Methylnaphthalene	ND		ug/kg	250	82.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	67.	1
Acetophenone	ND		ug/kg	210	67.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	210	43.	1
2-Chlorophenol	ND		ug/kg	210	66.	1
2,4-Dichlorophenol	ND		ug/kg	190	61.	1
2,4-Dimethylphenol	ND		ug/kg	210	86.	1
2-Nitrophenol	ND		ug/kg	450	150	1
4-Nitrophenol	ND		ug/kg	290	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	200	1
Pentachlorophenol	ND		ug/kg	170	50.	1
Phenol	ND		ug/kg	210	66.	1
2-Methylphenol	ND		ug/kg	210	52.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	91.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	49.	1
Benzoic Acid	ND		ug/kg	680	180	1
Benzyl Alcohol	ND		ug/kg	210	49.	1
Carbazole	160	J	ug/kg	210	34.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-14 Date Collected: 08/04/11 14:53

Client ID: PRDEBD110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	69		18-120

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID:	L1111859-15	Date Collected:	08/04/11 15:05
Client ID:	PRDEDS110804	Date Received:	08/05/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/05/11 17:34
Analytical Date:	08/06/11 20:55		
Analyst:	JB		
Percent Solids:	72%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	50.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	67.	1
Hexachlorobenzene	ND		ug/kg	140	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	44.	1
2-Chloronaphthalene	ND		ug/kg	230	69.	1
1,2-Dichlorobenzene	ND		ug/kg	230	68.	1
1,3-Dichlorobenzene	ND		ug/kg	230	71.	1
1,4-Dichlorobenzene	ND		ug/kg	230	65.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	83.	1
2,4-Dinitrotoluene	ND		ug/kg	230	69.	1
2,6-Dinitrotoluene	ND		ug/kg	230	76.	1
Fluoranthene	2300		ug/kg	140	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	41.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	58.	1
Hexachlorobutadiene	ND		ug/kg	230	61.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	180	1
Hexachloroethane	ND		ug/kg	180	33.	1
Isophorone	ND		ug/kg	210	55.	1
Naphthalene	80	J	ug/kg	230	73.	1
Nitrobenzene	ND		ug/kg	210	67.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	58.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	64.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	230	48.	1
Butyl benzyl phthalate	ND		ug/kg	230	65.	1
Di-n-butylphthalate	ND		ug/kg	230	39.	1
Di-n-octylphthalate	ND		ug/kg	230	62.	1
Diethyl phthalate	ND		ug/kg	230	40.	1
Dimethyl phthalate	ND		ug/kg	230	38.	1
Benzo(a)anthracene	820		ug/kg	140	46.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-15 Date Collected: 08/04/11 15:05

Client ID: PRDEDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	800		ug/kg	180	55.	1
Benzo(b)fluoranthene	1000		ug/kg	140	41.	1
Benzo(k)fluoranthene	400		ug/kg	140	35.	1
Chrysene	960		ug/kg	140	36.	1
Acenaphthylene	290		ug/kg	180	60.	1
Anthracene	420		ug/kg	140	32.	1
Benzo(ghi)perylene	590		ug/kg	180	58.	1
Fluorene	270		ug/kg	230	42.	1
Phenanthrene	2000		ug/kg	140	38.	1
Dibenzo(a,h)anthracene	160		ug/kg	140	43.	1
Indeno(1,2,3-cd)Pyrene	540		ug/kg	180	56.	1
Pyrene	1700		ug/kg	140	38.	1
Biphenyl	ND		ug/kg	520	160	1
4-Chloroaniline	ND		ug/kg	230	78.	1
2-Nitroaniline	ND		ug/kg	230	42.	1
3-Nitroaniline	ND		ug/kg	230	26.	1
4-Nitroaniline	ND		ug/kg	230	140	1
Dibenzofuran	130	J	ug/kg	230	47.	1
2-Methylnaphthalene	ND		ug/kg	280	91.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	73.	1
Acetophenone	ND		ug/kg	230	74.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	42.	1
P-Chloro-M-Cresol	ND		ug/kg	230	47.	1
2-Chlorophenol	ND		ug/kg	230	72.	1
2,4-Dichlorophenol	ND		ug/kg	210	67.	1
2,4-Dimethylphenol	ND		ug/kg	230	95.	1
2-Nitrophenol	ND		ug/kg	500	170	1
4-Nitrophenol	ND		ug/kg	320	98.	1
2,4-Dinitrophenol	ND		ug/kg	1100	360	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	220	1
Pentachlorophenol	ND		ug/kg	180	55.	1
Phenol	ND		ug/kg	230	72.	1
2-Methylphenol	ND		ug/kg	230	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	100	1
2,4,5-Trichlorophenol	ND		ug/kg	230	54.	1
Benzoic Acid	ND		ug/kg	750	200	1
Benzyl Alcohol	ND		ug/kg	230	54.	1
Carbazole	220	J	ug/kg	230	37.	1

Project Name: GROUNDWATER SCIENCES CORP **Lab Number:** L1111859

Project Number: Not Specified **Report Date:** 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-15 Date Collected: 08/04/11 15:05

Client ID: PRDEDS110804 Date Received: 08/05/11

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	48		0-136
4-Terphenyl-d14	43		18-120

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 12:13
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/05/11 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-15 Batch: WG483115-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	170	48.
Hexachlorobenzene	ND		ug/kg	100	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	170	50.
1,2-Dichlorobenzene	ND		ug/kg	170	49.
1,3-Dichlorobenzene	ND		ug/kg	170	51.
1,4-Dichlorobenzene	ND		ug/kg	170	47.
3,3'-Dichlorobenzidine	ND		ug/kg	170	60.
2,4-Dinitrotoluene	ND		ug/kg	170	50.
2,6-Dinitrotoluene	ND		ug/kg	170	54.
Fluoranthene	ND		ug/kg	100	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	29.
4-Bromophenyl phenyl ether	ND		ug/kg	170	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	170	44.
Hexachlorocyclopentadiene	ND		ug/kg	480	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	40.
Naphthalene	ND		ug/kg	170	53.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	42.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	46.
Di-n-butylphthalate	ND		ug/kg	170	28.
Di-n-octylphthalate	ND		ug/kg	170	45.
Diethyl phthalate	ND		ug/kg	170	29.
Dimethyl phthalate	ND		ug/kg	170	27.
Benzo(a)anthracene	ND		ug/kg	100	33.

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 12:13
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/05/11 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-15 Batch: WG483115-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	29.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	100	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	170	30.
Phenanthrene	ND		ug/kg	100	28.
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	100	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	170	56.
2-Nitroaniline	ND		ug/kg	170	30.
3-Nitroaniline	ND		ug/kg	170	19.
4-Nitroaniline	ND		ug/kg	170	100
Dibenzofuran	ND		ug/kg	170	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.
Acetophenone	ND		ug/kg	170	53.
2,4,6-Trichlorophenol	ND		ug/kg	100	30.
P-Chloro-M-Cresol	ND		ug/kg	170	34.
2-Chlorophenol	ND		ug/kg	170	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	170	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	71.
2,4-Dinitrophenol	ND		ug/kg	800	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 12:13
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/05/11 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-15 Batch: WG483115-1					
Phenol	ND		ug/kg	170	52.
2-Methylphenol	ND		ug/kg	170	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.
2,4,5-Trichlorophenol	ND		ug/kg	170	39.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	170	38.
Carbazole	ND		ug/kg	170	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	47		0-136
4-Terphenyl-d14	66		18-120

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 19:11
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/06/11 01:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483189-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	170	49.
Hexachlorobenzene	ND		ug/kg	100	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	32.
2-Chloronaphthalene	ND		ug/kg	170	50.
1,2-Dichlorobenzene	ND		ug/kg	170	49.
1,3-Dichlorobenzene	ND		ug/kg	170	52.
1,4-Dichlorobenzene	ND		ug/kg	170	47.
3,3'-Dichlorobenzidine	ND		ug/kg	170	60.
2,4-Dinitrotoluene	ND		ug/kg	170	50.
2,6-Dinitrotoluene	ND		ug/kg	170	55.
Fluoranthene	ND		ug/kg	100	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	29.
4-Bromophenyl phenyl ether	ND		ug/kg	170	35.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	170	44.
Hexachlorocyclopentadiene	ND		ug/kg	480	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	40.
Naphthalene	ND		ug/kg	170	53.
Nitrobenzene	ND		ug/kg	150	49.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	42.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	47.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	47.
Di-n-butylphthalate	ND		ug/kg	170	28.
Di-n-octylphthalate	ND		ug/kg	170	45.
Diethyl phthalate	ND		ug/kg	170	29.
Dimethyl phthalate	ND		ug/kg	170	28.
Benzo(a)anthracene	ND		ug/kg	100	33.

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 19:11
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/06/11 01:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483189-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	30.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	100	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	170	31.
Phenanthrene	ND		ug/kg	100	28.
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	41.
Pyrene	ND		ug/kg	100	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	170	56.
2-Nitroaniline	ND		ug/kg	170	31.
3-Nitroaniline	ND		ug/kg	170	19.
4-Nitroaniline	ND		ug/kg	170	100
Dibenzofuran	ND		ug/kg	170	34.
2-Methylnaphthalene	ND		ug/kg	200	66.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.
Acetophenone	ND		ug/kg	170	54.
2,4,6-Trichlorophenol	ND		ug/kg	100	30.
P-Chloro-M-Cresol	ND		ug/kg	170	34.
2-Chlorophenol	ND		ug/kg	170	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	170	69.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	71.
2,4-Dinitrophenol	ND		ug/kg	800	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	40.

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/06/11 19:11
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/06/11 01:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG483189-1					
Phenol	ND		ug/kg	170	52.
2-Methylphenol	ND		ug/kg	170	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.
2,4,5-Trichlorophenol	ND		ug/kg	170	39.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	170	39.
Carbazole	ND		ug/kg	170	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	81		0-136
4-Terphenyl-d14	67		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP

Project Number: Not Specified

Lab Number: L1111859

Report Date: 08/08/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-15 Batch: WG483115-2 WG483115-3								
Acenaphthene	70		68		31-137	3		50
1,2,4-Trichlorobenzene	70		62		38-107	12		50
2-Chloronaphthalene	94		84		40-140	11		50
1,2-Dichlorobenzene	69		63		40-140	9		50
1,4-Dichlorobenzene	69		65		28-104	6		50
2,4-Dinitrotoluene	81		79		28-89	3		50
2,6-Dinitrotoluene	90		82		40-140	9		50
Fluoranthene	78		75		40-140	4		50
4-Chlorophenyl phenyl ether	73		70		40-140	4		50
n-Nitrosodi-n-propylamine	68		59		41-126	14		50
Butyl benzyl phthalate	78		79		40-140	1		50
Anthracene	73		70		40-140	4		50
Pyrene	77		76		35-142	1		50
P-Chloro-M-Cresol	87		82		26-103	6		50
2-Chlorophenol	78		80		25-102	3		50
2-Nitrophenol	76		66		30-130	14		50
4-Nitrophenol	82		80		11-114	2		50
2,4-Dinitrophenol	45		59		4-130	27		50
Pentachlorophenol	68		73		17-109	7		50
Phenol	77		78		31-133	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP

Project Number: Not Specified

Lab Number: L1111859

Report Date: 08/08/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-15 Batch: WG483115-2 WG483115-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		74		25-120
Phenol-d6	76		73		10-120
Nitrobenzene-d5	65		63		23-120
2-Fluorobiphenyl	80		70		30-120
2,4,6-Tribromophenol	89		79		0-136
4-Terphenyl-d14	78		77		18-120

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG483189-2 WG483189-3								
Acenaphthene	84		86		31-137	2		50
1,2,4-Trichlorobenzene	79		82		38-107	4		50
2-Chloronaphthalene	102		107		40-140	5		50
1,2-Dichlorobenzene	84		83		40-140	1		50
1,4-Dichlorobenzene	83		82		28-104	1		50
2,4-Dinitrotoluene	**95**	Q	**95**	Q	28-89	0		50
2,6-Dinitrotoluene	88		92		40-140	4		50
Fluoranthene	93		97		40-140	4		50
4-Chlorophenyl phenyl ether	90		86		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG483189-2 WG483189-3								
n-Nitrosodi-n-propylamine	74		74		41-126	0		50
Butyl benzyl phthalate	90		94		40-140	4		50
Anthracene	90		92		40-140	2		50
Pyrene	94		95		35-142	1		50
P-Chloro-M-Cresol	92		91		26-103	1		50
2-Chlorophenol	95		96		25-102	1		50
2-Nitrophenol	86		91		30-130	6		50
4-Nitrophenol	97		100		11-114	3		50
2,4-Dinitrophenol	70		63		4-130	11		50
Pentachlorophenol	105		**110**	Q	17-109	5		50
Phenol	92		92		31-133	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	101		91		25-120
Phenol-d6	91		89		10-120
Nitrobenzene-d5	80		78		23-120
2-Fluorobiphenyl	83		83		30-120
2,4,6-Tribromophenol	109		109		0-136
4-Terphenyl-d14	94		95		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-01
Client ID: PRDASL110803
Sample Location: Not Specified
Matrix: Soil

Date Collected: 08/03/11 15:52
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-02
Client ID: PRDABD110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 15:58
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-03
Client ID: PRDADS110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 16:08
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-04
Client ID: PRDBSL110803
Sample Location: Not Specified
Matrix: Soil

Date Collected: 08/03/11 16:25
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-05
Client ID: PRDBBD110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 16:30
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-06
Client ID: PRDBDS110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 16:39
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-07
Client ID: PRDCSL110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 16:56
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-08
Client ID: PRDCBD110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 17:08
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-09
Client ID: PRDCDS110803
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/03/11 17:20
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-10
Client ID: PRDDSL110804
Sample Location: Not Specified
Matrix: Soil

Date Collected: 08/04/11 14:12
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-11
Client ID: PRDDBD110804
Sample Location: Not Specified
Matrix: Soil

Date Collected: 08/04/11 14:20
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-12
Client ID: PRDDDS110804
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/04/11 14:28
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-13
Client ID: PRDESL110804
Sample Location: Not Specified
Matrix: Soil

Date Collected: 08/04/11 14:38
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	08/05/11 17:55	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-14
Client ID: PRDEBD110804
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/04/11 14:53
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	08/05/11 18:46	30,2540G	RD

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified
Lab Number: L1111859
Report Date: 08/08/11

SAMPLE RESULTS

Lab ID: L1111859-15
Client ID: PRDEDS110804
Sample Location: Not Specified
Matrix: Soil
Date Collected: 08/04/11 15:05
Date Received: 08/05/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72		%	0.10	NA	1	-	08/05/11 18:46	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG483146-1 QC Sample: L1111579-01 Client ID: DUP Sample						
Solids, Total	91.	90	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 14-15 QC Batch ID: WG483148-1 QC Sample: L1111736-04 Client ID: DUP Sample						
Solids, Total	63.	63	%	0		20

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1111859-01A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-01B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-02A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-02B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-03A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-03B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-04A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-04B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-05A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-05B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-06A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-06B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-07A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-07B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-08A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-08B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-09A	Glass 250ml unpreserved	A	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-09B	Vial Large unpreserved	A	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-10A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-10B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-11A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-11B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-12A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-12B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-13A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-13B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: GROUNDWATER SCIENCES CORP
Project Number: Not Specified

Lab Number: L1111859
Report Date: 08/08/11

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1111859-14A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-14B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)
L1111859-15A	Glass 250ml unpreserved	B	N/A	6	Y	Absent	NYTCL-8270(14),TS(7)
L1111859-15B	Vial Large unpreserved	B	N/A	6	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	GROUNDWATER SCIENCES CORP	**Lab Number:**	L1111859
Project Number:	Not Specified	**Report Date:**	08/08/11

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less

Report Format: DU Report with "J" Qualifiers

Project Name:	GROUNDWATER SCIENCES CORP	**Lab Number:**	L1111859
Project Number:	Not Specified	**Report Date:**	08/08/11

Data Qualifiers

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 28, 2011 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 8081, 8082, 8330, 8151A, 624, 8260, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl, V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B;Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, 9050A, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050C, 9065,1311, 1312, 3005A, 3050B. Organic Parameters: SW-846 3540C, 3546, 3580A, 5030B, 5035, 8260B, 8270C, 8330, 8151A, 8015B, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 6020, 6020A, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 5030B, 625, 624, 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 6010B, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3545, 3546, 3550B**,** 3580A, 3630C, 5035, 8015B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix.

ALPHA Job # ~~L1111858~~ L1111859

EnviroTest Laboratories Inc.

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Route 52, Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: D Bergmann PHONE NO.: 8458960288 x14
PROJECT LOCATION: IBM Poughkeepsie
PROJECT NUMBER / PO NO.:

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ____

TURNAROUND
☐ NORMAL ____
☑ QUICK ____
☐ VERBAL ____

REPORT # (Lab Use Only)

SAMPLE TEMP. ____ C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☑ N
CHLORINE (RESIDUAL) ☐ Y ☑ N
REVIEWED BY: ____

NY PUBLIC WATER SUPPLIES
SOURCE ID ____
ELAP TYPE ____
FEDERAL ID ____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOHZN ACC	40ml Glass Sulfuric	40ml Glass	8oz glass for sem	4oz glass for sem	ANALYSIS REQUESTED
-01	8/3 2011	1552		X	SOIL	PRDASL110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-02	8/3 2011	1558		X	SOIL	PRDABD110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-03	8/3 2011	1608		X	SOIL	PRDADS110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-04	8/3 2011	1625		X	SOIL	PRDBSL110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-05	8/3 2011	1630		X	SOIL	PRDBBD110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-06	8/3 2011	1639		X	SOIL	PRDBDS110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-07	8/3 2011	1656		X	SOIL	PRDCSL110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-08	8/3 2011	1708		X	SOIL	PRDCBD110803	2														1	1	SemiVOCs 8270C, VOCs 8260B
-09	8/3 2011	1720		X	SOIL	PRDCDS110803	2														1	1	SemiVOCs 8270C, VOCs 8260B

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY: L Centash	COMPANY: ER	DATE: 8/2/11	TIME: 12:00p	RECEIVED BY: [illegible]	COMPANY: GSC	DATE: 8/2/2011	TIME: 1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY: [illegible]	COMPANY: GSC	DATE: 8/4/2011	TIME: 1630	RECEIVED BY: L Centash	COMPANY: ER	DATE: 8/4/11	TIME: 1630

COMMENTS: All samples intact and in good condition LA Rea. on ice LA
L Centash ER 8/4/11 1700 [signature] 8/5/11 09:57

NYSDOH 10142 NJDEP NY015 CTDOPH PH-0554 EPA NY00049

EnviroTest Laboratories Inc.

CHAIN OF CUSTODY

ALPHA Job # ~~L1111858~~ L1111859

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Route 52, Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: D Bergmann PHONE NO.: 845 896 0280 x14
PROJECT LOCATION: IBM Poughkeepsie
PROJECT NUMBER / PO NO.:

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ______

TURNAROUND
☐ NORMAL ______
☑ QUICK ______
☐ VERBAL ______

REPORT # (Lab Use Only)
SAMPLE TEMP. ______ C
SAMPLE REC'D ON ICE ☒ Y ☐ N
ph CHECK ☐ Y ☒ N
CHLORINE (RESIDUAL) ☐ Y ☒ N
REVIEWED BY: ______

NY PUBLIC WATER SUPPLIES
SOURCE ID ______
ELAP TYPE ______
FEDERAL ID ______

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ETL #	SAMPLING DATE	SAMPLING TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	8oz glass ~~unp~~	4oz glass septa	ANALYSIS REQUESTED
-10	8/4 2011	1412		X	SOIL	PRDDSL110804	2														1	1	semiVOCs 8270C, VOCs 8260B
-11	8/4 2011	1420		X	SOIL	PRDDBD110804	2														1	1	semiVOCs 8270C, VOCs 8260B
-12	8/4 2011	1428		X	SOIL	PRDDDS110804	2														1	1	semiVOCs 8270C, VOCs 8260B
-13	8/4 2011	1438		X	SOIL	PRDESL110804	2														1	1	semiVOCs 8270C, VOCs 8260B
-14	8/4 2011	1453		X	SOIL	PRDEBD110804	2														1	1	semiVOCs 8270C, VOCs 8260B
-15	8/4 2011	1505		X	SOIL	PRDEDS110804	2														1	1	semiVOCs 8270C, VOCs 8260B

LAB USE ONLY

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

	COMPANY	DATE	TIME		COMPANY	DATE	TIME
RELINQUISHED BY: L Antash	ETL	8/2/11	12:00p	RECEIVED BY: DABergmann	GSC	8/2/2011	1200
SAMPLED BY:	COMPANY	DATE	TIME DAB	RECEIVED BY:	COMPANY	DATE DAB	TIME
RELINQUISHED BY: DABergmann	GSC	8/4/2011	1630	RECEIVED BY: L Antash	ETL	8/4/11	1630

COMMENTS: All samples intact and in good condition La. Rec. on ice La
L Antash ETL 8/4/11 1700 [signature] 8/5/11 09:57

NYSDOH 10142 NJDEP NY015 CTDOPH PH-0554 EPA NY00049

ANALYTICAL REPORT

Lab Number:	L1112935
Client:	Envirotest Laboratories Inc. 560 Route 52 Suite 202 Beacon, NY 12508
ATTN:	Dorothy Bergman
Phone:	(845) 562-0890
Project Name:	Not Specified
Project Number:	Not Specified
Report Date:	08/24/11

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1112935-01	PRDADS110818	IBM POUGHKEEPSIE	08/18/11 15:45
L1112935-02	PRDCBD110818	IBM POUGHKEEPSIE	08/18/11 15:51
L1112935-03	PRDCDS110818	IBM POUGHKEEPSIE	08/18/11 15:59

Project Name:	Not Specified	**Lab Number:**	L1112935
Project Number:	Not Specified	**Report Date:**	08/24/11

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1112935-02 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1112935-02 was re-analyzed on dilution in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

The surrogate recoveries for L1112935-03 are outside the individual acceptance criteria for 2-Fluorophenol

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Case Narrative (continued)

(10%) and 2-Fluorobiphenyl (23%), but within the overall method allowances. The results of the original analysis are reported.

The WG485866-2 LCS recovery, associated with L1112935-01, -02, and -03, was above the acceptance criteria for 2,4-Dinitrotoluene (93%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative Date: 08/24/11

ORGANICS

SEMIVOLATILES

Project Name: Not Specified
Project Number: Not Specified
Lab Number: L1112935
Report Date: 08/24/11

SAMPLE RESULTS

Lab ID:	L1112935-01	Date Collected:	08/18/11 15:45
Client ID:	PRDADS110818	Date Received:	08/19/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/23/11 01:59
Analytical Date:	08/23/11 20:10		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	56.	1
Hexachlorobenzene	ND		ug/kg	110	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	36.	1
2-Chloronaphthalene	ND		ug/kg	190	57.	1
1,2-Dichlorobenzene	ND		ug/kg	190	56.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	69.	1
2,4-Dinitrotoluene	ND		ug/kg	190	57.	1
2,6-Dinitrotoluene	ND		ug/kg	190	62.	1
Fluoranthene	500		ug/kg	110	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	54.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	48.	1
Hexachlorobutadiene	ND		ug/kg	190	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	150	1
Hexachloroethane	ND		ug/kg	150	28.	1
Isophorone	ND		ug/kg	170	45.	1
Naphthalene	ND		ug/kg	190	60.	1
Nitrobenzene	ND		ug/kg	170	56.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	53.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	39.	1
Butyl benzyl phthalate	ND		ug/kg	190	53.	1
Di-n-butylphthalate	ND		ug/kg	190	32.	1
Di-n-octylphthalate	ND		ug/kg	190	51.	1
Diethyl phthalate	ND		ug/kg	190	33.	1
Dimethyl phthalate	ND		ug/kg	190	31.	1
Benzo(a)anthracene	360		ug/kg	110	38.	1

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-01 Date Collected: 08/18/11 15:45

Client ID: PRDADS110818 Date Received: 08/19/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	380		ug/kg	150	45.	1
Benzo(b)fluoranthene	340		ug/kg	110	34.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	360		ug/kg	110	30.	1
Acenaphthylene	480		ug/kg	150	49.	1
Anthracene	230		ug/kg	110	26.	1
Benzo(ghi)perylene	290		ug/kg	150	48.	1
Fluorene	ND		ug/kg	190	35.	1
Phenanthrene	470		ug/kg	110	32.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	110	35.	1
Indeno(1,2,3-cd)Pyrene	240		ug/kg	150	46.	1
Pyrene	720		ug/kg	110	31.	1
Biphenyl	ND		ug/kg	430	130	1
4-Chloroaniline	ND		ug/kg	190	64.	1
2-Nitroaniline	ND		ug/kg	190	35.	1
3-Nitroaniline	ND		ug/kg	190	21.	1
4-Nitroaniline	ND		ug/kg	190	120	1
Dibenzofuran	ND		ug/kg	190	39.	1
2-Methylnaphthalene	ND		ug/kg	230	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	39.	1
2-Chlorophenol	ND		ug/kg	190	60.	1
2,4-Dichlorophenol	ND		ug/kg	170	55.	1
2,4-Dimethylphenol	ND		ug/kg	190	78.	1
2-Nitrophenol	ND		ug/kg	410	140	1
4-Nitrophenol	ND		ug/kg	270	81.	1
2,4-Dinitrophenol	ND		ug/kg	910	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	180	1
Pentachlorophenol	ND		ug/kg	150	45.	1
Phenol	ND		ug/kg	190	60.	1
2-Methylphenol	ND		ug/kg	190	47.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	82.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	44.	1
Benzoic Acid	ND		ug/kg	620	160	1
Benzyl Alcohol	ND		ug/kg	190	44.	1
Carbazole	ND		ug/kg	190	31.	1

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-01 Date Collected: 08/18/11 15:45

Client ID: PRDADS110818 Date Received: 08/19/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	109		18-120

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID:	L1112935-02 D2	Date Collected:	08/18/11 15:51
Client ID:	PRDCBD110818	Date Received:	08/19/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/23/11 01:59
Analytical Date:	08/24/11 09:39		
Analyst:	JB		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	100000		ug/kg	3300	720	25
Phenanthrene	88000		ug/kg	3300	920	25
Pyrene	78000		ug/kg	3300	910	25

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID:	L1112935-02 D	Date Collected:	08/18/11 15:51
Client ID:	PRDCBD110818	Date Received:	08/19/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/23/11 01:59
Analytical Date:	08/23/11 20:35		
Analyst:	JB		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7800		ug/kg	880	240	5
1,2,4-Trichlorobenzene	ND		ug/kg	1100	320	5
Hexachlorobenzene	ND		ug/kg	660	170	5
Bis(2-chloroethyl)ether	ND		ug/kg	990	210	5
2-Chloronaphthalene	ND		ug/kg	1100	330	5
1,2-Dichlorobenzene	ND		ug/kg	1100	320	5
1,3-Dichlorobenzene	ND		ug/kg	1100	340	5
1,4-Dichlorobenzene	ND		ug/kg	1100	310	5
3,3'-Dichlorobenzidine	ND		ug/kg	1100	400	5
2,4-Dinitrotoluene	ND		ug/kg	1100	330	5
2,6-Dinitrotoluene	ND		ug/kg	1100	360	5
Fluoranthene	82000	E	ug/kg	660	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1100	190	5
4-Bromophenyl phenyl ether	ND		ug/kg	1100	230	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1300	310	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1200	280	5
Hexachlorobutadiene	ND		ug/kg	1100	290	5
Hexachlorocyclopentadiene	ND		ug/kg	3200	870	5
Hexachloroethane	ND		ug/kg	880	160	5
Isophorone	ND		ug/kg	990	260	5
Naphthalene	1300		ug/kg	1100	350	5
Nitrobenzene	ND		ug/kg	990	320	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	880	280	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1100	310	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	1100	230	5
Butyl benzyl phthalate	ND		ug/kg	1100	310	5
Di-n-butylphthalate	ND		ug/kg	1100	190	5
Di-n-octylphthalate	ND		ug/kg	1100	300	5
Diethyl phthalate	ND		ug/kg	1100	190	5
Dimethyl phthalate	ND		ug/kg	1100	180	5
Benzo(a)anthracene	36000		ug/kg	660	220	5

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-02 D Date Collected: 08/18/11 15:51

Client ID: PRDCBD110818 Date Received: 08/19/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	27000		ug/kg	880	260	5
Benzo(b)fluoranthene	35000		ug/kg	660	190	5
Benzo(k)fluoranthene	14000		ug/kg	660	170	5
Chrysene	32000		ug/kg	660	170	5
Acenaphthylene	ND		ug/kg	880	280	5
Anthracene	26000		ug/kg	660	150	5
Benzo(ghi)perylene	17000		ug/kg	880	280	5
Fluorene	9600		ug/kg	1100	200	5
Phenanthrene	72000	E	ug/kg	660	180	5
Dibenzo(a,h)anthracene	4700		ug/kg	660	200	5
Indeno(1,2,3-cd)Pyrene	17000		ug/kg	880	270	5
Pyrene	63000	E	ug/kg	660	180	5
Biphenyl	ND		ug/kg	2500	770	5
4-Chloroaniline	ND		ug/kg	1100	370	5
2-Nitroaniline	ND		ug/kg	1100	200	5
3-Nitroaniline	ND		ug/kg	1100	120	5
4-Nitroaniline	ND		ug/kg	1100	670	5
Dibenzofuran	4200		ug/kg	1100	230	5
2-Methylnaphthalene	430	J	ug/kg	1300	430	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1100	350	5
Acetophenone	ND		ug/kg	1100	350	5
2,4,6-Trichlorophenol	ND		ug/kg	660	200	5
P-Chloro-M-Cresol	ND		ug/kg	1100	220	5
2-Chlorophenol	ND		ug/kg	1100	340	5
2,4-Dichlorophenol	ND		ug/kg	990	320	5
2,4-Dimethylphenol	ND		ug/kg	1100	450	5
2-Nitrophenol	ND		ug/kg	2400	800	5
4-Nitrophenol	ND		ug/kg	1500	470	5
2,4-Dinitrophenol	ND		ug/kg	5300	1700	5
4,6-Dinitro-o-cresol	ND		ug/kg	2900	1000	5
Pentachlorophenol	ND		ug/kg	880	260	5
Phenol	ND		ug/kg	1100	340	5
2-Methylphenol	ND		ug/kg	1100	270	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1600	480	5
2,4,5-Trichlorophenol	ND		ug/kg	1100	260	5
Benzoic Acid	1400	J	ug/kg	3600	930	5
Benzyl Alcohol	ND		ug/kg	1100	260	5
Carbazole	15000		ug/kg	1100	180	5

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-02 D
Client ID: PRDCBD110818
Sample Location: IBM POUGHKEEPSIE

Date Collected: 08/18/11 15:51
Date Received: 08/19/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	88		18-120

Project Name: Not Specified
Project Number: Not Specified
Lab Number: L1112935
Report Date: 08/24/11

SAMPLE RESULTS

Lab ID:	L1112935-03	Date Collected:	08/18/11 15:59
Client ID:	PRDCDS110818	Date Received:	08/19/11
Sample Location:	IBM POUGHKEEPSIE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	08/23/11 01:59
Analytical Date:	08/23/11 21:00		
Analyst:	JB		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	59.	1
Hexachlorobenzene	ND		ug/kg	120	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	38.	1
2-Chloronaphthalene	ND		ug/kg	200	61.	1
1,2-Dichlorobenzene	ND		ug/kg	200	60.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	73.	1
2,4-Dinitrotoluene	ND		ug/kg	200	61.	1
2,6-Dinitrotoluene	ND		ug/kg	200	67.	1
Fluoranthene	73	J	ug/kg	120	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	36.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	57.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	51.	1
Hexachlorobutadiene	ND		ug/kg	200	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	160	1
Hexachloroethane	ND		ug/kg	160	29.	1
Isophorone	ND		ug/kg	180	48.	1
Naphthalene	ND		ug/kg	200	64.	1
Nitrobenzene	ND		ug/kg	180	59.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	51.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	57.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	42.	1
Butyl benzyl phthalate	ND		ug/kg	200	57.	1
Di-n-butylphthalate	ND		ug/kg	200	34.	1
Di-n-octylphthalate	ND		ug/kg	200	55.	1
Diethyl phthalate	ND		ug/kg	200	35.	1
Dimethyl phthalate	ND		ug/kg	200	33.	1
Benzo(a)anthracene	ND		ug/kg	120	40.	1

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-03 Date Collected: 08/18/11 15:59

Client ID: PRDCDS110818 Date Received: 08/19/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	57	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	43	J	ug/kg	120	36.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	42	J	ug/kg	120	32.	1
Acenaphthylene	58	J	ug/kg	160	53.	1
Anthracene	ND		ug/kg	120	28.	1
Benzo(ghi)perylene	ND		ug/kg	160	51.	1
Fluorene	ND		ug/kg	200	37.	1
Phenanthrene	53	J	ug/kg	120	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	50.	1
Pyrene	80	J	ug/kg	120	33.	1
Biphenyl	ND		ug/kg	460	140	1
4-Chloroaniline	ND		ug/kg	200	68.	1
2-Nitroaniline	ND		ug/kg	200	37.	1
3-Nitroaniline	ND		ug/kg	200	23.	1
4-Nitroaniline	ND		ug/kg	200	120	1
Dibenzofuran	ND		ug/kg	200	42.	1
2-Methylnaphthalene	ND		ug/kg	240	80.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	65.	1
Acetophenone	ND		ug/kg	200	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	41.	1
2-Chlorophenol	ND		ug/kg	200	64.	1
2,4-Dichlorophenol	ND		ug/kg	180	59.	1
2,4-Dimethylphenol	ND		ug/kg	200	84.	1
2-Nitrophenol	ND		ug/kg	440	150	1
4-Nitrophenol	ND		ug/kg	280	86.	1
2,4-Dinitrophenol	ND		ug/kg	970	310	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	190	1
Pentachlorophenol	ND		ug/kg	160	48.	1
Phenol	ND		ug/kg	200	64.	1
2-Methylphenol	ND		ug/kg	200	50.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	88.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	47.	1
Benzoic Acid	ND		ug/kg	660	170	1
Benzyl Alcohol	ND		ug/kg	200	47.	1
Carbazole	ND		ug/kg	200	33.	1

Project Name: Not Specified **Lab Number:** L1112935

Project Number: Not Specified **Report Date:** 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-03 Date Collected: 08/18/11 15:59

Client ID: PRDCDS110818 Date Received: 08/19/11

Sample Location: IBM POUGHKEEPSIE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**10**	Q	25-120
Phenol-d6	12		10-120
Nitrobenzene-d5	23		23-120
2-Fluorobiphenyl	**23**	Q	30-120
2,4,6-Tribromophenol	14		0-136
4-Terphenyl-d14	21		18-120

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/23/11 18:54
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/23/11 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG485866-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	170	49.
Hexachlorobenzene	ND		ug/kg	100	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	32.
2-Chloronaphthalene	ND		ug/kg	170	50.
1,2-Dichlorobenzene	ND		ug/kg	170	49.
1,3-Dichlorobenzene	ND		ug/kg	170	52.
1,4-Dichlorobenzene	ND		ug/kg	170	47.
3,3'-Dichlorobenzidine	ND		ug/kg	170	60.
2,4-Dinitrotoluene	ND		ug/kg	170	50.
2,6-Dinitrotoluene	ND		ug/kg	170	55.
Fluoranthene	ND		ug/kg	100	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	29.
4-Bromophenyl phenyl ether	ND		ug/kg	170	35.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	170	44.
Hexachlorocyclopentadiene	ND		ug/kg	480	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	40.
Naphthalene	ND		ug/kg	170	53.
Nitrobenzene	ND		ug/kg	150	49.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	42.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	47.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	47.
Di-n-butylphthalate	ND		ug/kg	170	28.
Di-n-octylphthalate	ND		ug/kg	170	45.
Diethyl phthalate	ND		ug/kg	170	29.
Dimethyl phthalate	ND		ug/kg	170	28.
Benzo(a)anthracene	ND		ug/kg	100	33.

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/23/11 18:54
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/23/11 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG485866-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	30.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	100	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	170	31.
Phenanthrene	ND		ug/kg	100	28.
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	41.
Pyrene	ND		ug/kg	100	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	170	56.
2-Nitroaniline	ND		ug/kg	170	31.
3-Nitroaniline	ND		ug/kg	170	19.
4-Nitroaniline	ND		ug/kg	170	100
Dibenzofuran	ND		ug/kg	170	34.
2-Methylnaphthalene	ND		ug/kg	200	66.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.
Acetophenone	ND		ug/kg	170	54.
2,4,6-Trichlorophenol	ND		ug/kg	100	30.
P-Chloro-M-Cresol	ND		ug/kg	170	34.
2-Chlorophenol	ND		ug/kg	170	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	170	69.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	71.
2,4-Dinitrophenol	ND		ug/kg	800	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	40.

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 08/23/11 18:54
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/23/11 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG485866-1					
Phenol	ND		ug/kg	170	52.
2-Methylphenol	ND		ug/kg	170	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.
2,4,5-Trichlorophenol	ND		ug/kg	170	39.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	170	39.
Carbazole	ND		ug/kg	170	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	54		0-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: Not Specified

Lab Number: L1112935

Report Date: 08/24/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG485866-2 WG485866-3								
Acenaphthene	87		72		31-137	19		50
1,2,4-Trichlorobenzene	79		72		38-107	9		50
2-Chloronaphthalene	100		91		40-140	9		50
1,2-Dichlorobenzene	73		66		40-140	10		50
1,4-Dichlorobenzene	70		66		28-104	6		50
2,4-Dinitrotoluene	**93**	Q	77		28-89	19		50
2,6-Dinitrotoluene	97		77		40-140	23		50
Fluoranthene	103		87		40-140	17		50
4-Chlorophenyl phenyl ether	90		72		40-140	22		50
n-Nitrosodi-n-propylamine	67		60		41-126	11		50
Butyl benzyl phthalate	95		80		40-140	17		50
Anthracene	104		87		40-140	18		50
Pyrene	99		82		35-142	19		50
P-Chloro-M-Cresol	85		75		26-103	13		50
2-Chlorophenol	81		74		25-102	9		50
2-Nitrophenol	70		62		30-130	12		50
4-Nitrophenol	93		76		11-114	20		50
2,4-Dinitrophenol	62		72		4-130	15		50
Pentachlorophenol	95		87		17-109	9		50
Phenol	78		67		31-133	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: Not Specified

Lab Number: L1112935

Report Date: 08/24/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG485866-2 WG485866-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		62		25-120
Phenol-d6	70		61		10-120
Nitrobenzene-d5	60		55		23-120
2-Fluorobiphenyl	70		63		30-120
2,4,6-Tribromophenol	84		72		0-136
4-Terphenyl-d14	85		66		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-01
Client ID: PRDADS110818
Sample Location: IBM POUGHKEEPSIE
Matrix: Soil

Date Collected: 08/18/11 15:45
Date Received: 08/19/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87		%	0.10	NA	1	-	08/23/11 09:24	30,2540G	MD

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-02
Client ID: PRDCBD110818
Sample Location: IBM POUGHKEEPSIE
Matrix: Soil

Date Collected: 08/18/11 15:51
Date Received: 08/19/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75		%	0.10	NA	1	-	08/23/11 09:24	30,2540G	MD

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

SAMPLE RESULTS

Lab ID: L1112935-03
Client ID: PRDCDS110818
Sample Location: IBM POUGHKEEPSIE
Matrix: Soil

Date Collected: 08/18/11 15:59
Date Received: 08/19/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	08/23/11 09:24	30,2540G	MD

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG485908-1 QC Sample: L1112992-01 Client ID: DUP Sample						
Solids, Total	78.	80	%	3		20

Project Name: Not Specified
Project Number: Not Specified

Lab Number: L1112935
Report Date: 08/24/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1112935-01A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)
L1112935-01B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)
L1112935-02A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)
L1112935-02B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)
L1112935-03A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)
L1112935-03B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	Not Specified	**Lab Number:**	L1112935
Project Number:	Not Specified	**Report Date:**	08/24/11

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less

Report Format: DU Report with "J" Qualifiers

Project Name:	Not Specified	**Lab Number:**	L1112935
Project Number:	Not Specified	**Report Date:**	08/24/11

Data Qualifiers

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name: Not Specified
Project Number: Not Specified
Lab Number: L1112935
Report Date: 08/24/11

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 28, 2011 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 8081, 8082, 8330, 8151A, 624, 8260, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl, V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B;Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, 9050A, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050C, 9065,1311, 1312, 3005A, 3050B. Organic Parameters: SW-846 3540C, 3546, 3580A, 5030B, 5035, 8260B, 8270C, 8330, 8151A, 8015B, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 6020, 6020A, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 5030B, 625, 624, 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 6010B, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3545, 3546, 3550B**,** 3580A, 3630C, 5035, 8015B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix.

ALPHA Job # L1112935

EnviroTest Laboratories Inc.

CHAIN OF CUSTODY

PAGE 1 OF 1

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Route 52, Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: D Bergmann
PHONE NO.: 8458960288x14
PROJECT LOCATION: IBM Poughkeepsie
PROJECT NUMBER / PO NO.: Perimeter Road

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☑
OTHER ____

TURNAROUND
☐ NORMAL ____
☑ QUICK ____
☐ VERBAL ____

REPORT # (Lab Use Only)

SAMPLE TEMP. ____ C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY: ____

NY PUBLIC WATER SUPPLIES
SOURCE ID ____
ELAP TYPE ____
FEDERAL ID ____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	4oz Glass Teflon cap	8oz Glass Liners	ANALYSIS REQUESTED
	8/18/2011	1545		X	SOIL	PRDADS110818	2														1	1	SemiVOCs 8270C
	8/18/2011	1551		X	SOIL	PRDCBD110818	2														1	1	SemiVOCs 8270C
	8/18/2011	1559		X	SOIL	PRDCDS110818	2														1	1	SemiVOCs 8270C

LAB USE ONLY

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
L Lentash	ETL	8/2/11	12:00	DABergmann	GSC	8/2/2011	1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
			DNB				DNB
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
DABergmann	GSC	8/18/2011	1725	L Lentash	ETL	8/18/11	1725
L Lentash	ETL	8/18/11	1730			8/19/11 10:07	1730

COMMENTS: All samples intact and in good condition LA. Rec. on ice LA