June 24, 2011

Mr. Bernard Franklin
Environmental Engineer
Remedial Bureau C
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233

RE: Herkimer Former MGP Site, National Grid

FILE: 1118/45595

Dear Mr. Franklin:

This letter has been prepared on behalf of National Grid to present the results of the groundwater pumping test conducted between March 28 and April 7, 2011 at the Herkimer Former Manufactured Gas Plant (MGP) Site and to further discuss the remedial approach proposed by National Grid.

The groundwater pumping test was conducted in accordance with our letter to you dated February 1, 2011 in order to evaluate the amount of water that may need to be managed to complete the excavation of soils in the petroleum area to a depth of approximately 16 feet below grade, and more specifically to evaluate the vertical hydraulic conductivity and upward flow from the coarse sand and gravel unit present below the proposed excavation depth of 16 feet.

Based on our initial conceptual evaluation of potential construction methods, and as summarized in the February 1, 2011 letter, sheeting might be used to support the sides of the excavation. The sheeting might extend to approximately 45 feet below grade and might extend up to 25 feet below the base of the excavation. As such, the majority of water entering the excavation would be generated by upward flow through the sand and gravel unit. The vertical hydraulic conductivity of the sand and gravel deposit is a significant factor controlling the amount of flow and the resultant dewatering for the excavation activities.

PUMP TEST RESULTS AND CONCLUSIONS

The test was performed by first installing a 5-inch diameter steel casing to a depth of 24 ft below the top of the sand and gravel deposit. Based on measurements, 2.7 feet of the sand deposit was within the bottom portion of the casing. The intent was to pump the groundwater from within the casing at a constant rate to evaluate vertical flow/ hydraulic conductivity of the sand and gravel deposit. During the test, it was difficult to reduce the pumping rate to balance the flow rate into the open base of the casing for an extended period of time. Given that the water level in the well had been lowered approximately 6 ft below the static level, the pump was stopped and the rate of groundwater recovery within the casing was evaluated in a manner consistent with a conventional hydraulic conductivity test. The test data are provided in Attachment 1.

The recovery data were used to evaluate the vertical hydraulic conductivity and upward flow through the sand in the casing. Based on the recovery data, a vertical hydraulic conductivity of 25 ft/day was estimated. The test evaluation is included in Attachment 1.

The area of the petroleum area excavation is approximately 1,450 ft^2. It is estimated that it will be necessary to sheet an area of approximately 2,250 ft^2 to facilitate excavating this area. The static water level is approximately 6 feet below grade and the depth of the excavation will be on the order of 16 feet below grade. To utilize unbraced sheeting, it is estimated that it will be necessary to advance the sheeting to a depth of approximately 45 feet below grade. Based on the sheeting area, an excavation depth of 16 feet and the vertical hydraulic conductivity, the estimated groundwater inflow to the excavation is between 100 and 200 gpm. In the event that the presence of cobbles or the density of the coarse sand and gravel layer preclude sheeting being driven to a depth of 45 feet, or if it is necessary to expand the area of sheeting, then these flow rates may increase.

In addition to the pumping test, groundwater samples were collected from wells KW-02 and PW-01. The sample from KW-02 represents water within the zone containing impacted soil while the sample from PW-01 represents water below the zone containing impacted soil. The groundwater samples from both zones were analyzed for chemical oxygen demand (COD), volatile organic compounds (VOCs), oil & grease, semi-volatile organic compounds (SVOCs), total polychlorinated biphenyls (PCBs), target compound list (TCL) metals and total dissolved solids (TDS).

PCBs were not detected in either sample. VOCs and SVOCs including benzene and polynuclear aromatic hydrocarbons (PAHs) typical of former MGP operations were detected in the sample (KW-02) representing water within the zone containing impacted soil. The sample KW-02 also had measurable oil & grease (9.5 mg/l) and a quantified chemical oxygen demand (36 mg/l). Both samples contained dissolved solids and metals as expected. The results of the analyses are provided as Attachment 2.

HEALTH AND SAFETY

Air monitoring was conducted during the drilling activities in accordance with DER-10 using the following air monitoring equipment:

- Two photoionization detectors (PID)
- Two air particulate monitors

The PID and particulate monitors were placed at the drill rig and at the downwind property boundary. The downwind instruments were equipped with alarm functions set at action levels outlined in the Job Safety Analysis (JSA) and Air Monitoring Procedures previously used by O'Brien & Gere when drilling at the site. During the work, there were no action level exceedances.

PROPOSED REMEDIAL APPROACH FOR PETROLEUM AREA

O'Brien & Gere has contacted Mr. Scott Blais, the Village of Herkimer Water/Sewer Superintendent, to discuss potential for the Village waste water treatment facility (WWTF) to accept water that may be generated during excavation in the petroleum area. Based on information collected during the pumping test regarding the estimated flow rate and chemical quality of the groundwater, Mr. Blais believes that the WWTF will be able to accept the water, depending on the timing of construction. It is unlikely that the WWTF could receive this water during the spring due to high flows from other sources. Mr. Blais has submitted the water quality data to the NYSDEC Division of Water representative responsible for oversight of the WWTF operations to confirm that it will be acceptable for the WWTF to receive the water. If acceptable to the NYSDEC, water from the excavation may be discharged to the WWTF for treatment. To date, Mr. Blais has not heard from the NYSDEC Division of Water.

Based on the results of the pumping test, and as requested by Department, National Grid will attempt to remove impacted material from the petroleum area to a depth of approximately 16 ft below grade. This will be accomplished using a supported excavation. As presented in the Remedial Action Work Plan (RAWP), the upper 2 to 6 feet of material that has not been impacted by MGP waste will be removed and stockpiled for use as backfill. Impacted material in the petroleum area will be excavated to a depth of approximately 16 ft below grade as practical. Assuming that it is acceptable to the NYSDEC Division of Water, water entering the excavation will be conveyed to the Village of Herkimer WWTF for treatment pursuant to flow limits that the WWTF may establish.

It is understood that (as presented in the NYSDEC letter dated January 5, 2011) if the groundwater flow rate is too high (exceeds 200 gpm), the Department will allow a portion of the excavation to be performed in a flooded condition, with a one-time removal and treatment of contaminated water after the target depth for soil removal has been reached. Based on the results of the pumping test, National Grid will be prepared to pump water at a rate of up to 200 gpm, assuming that it is acceptable to the NYSDEC to discharge the water to the Village of Herkimer WWTF at this flow rate. If this flow rate is exceeded, or if the Village or Herkimer WWTF cannot accept a flow rate of 200 gpm, then the excavation will be conducted in the wet as described in the NYSDEC January 25, 2011 letter. At the conclusion of excavation in the wet, a quantity of water equivalent to one volume of the remaining saturated depth to 16 feet will be removed.

Following NYSDEC approval of the above described proposed remedial approach to the petroleum area, National Grid will make appropriate revisions to the RAWP. Revisions will include the approach to remediation of the petroleum area and the revision of the horizontal extent of soils requiring remediation as presented in our August 4, 2010 letter report.

Please contact Steve Stucker of National Grid if you have any comments or questions regarding this letter.

Very truly yours,
O'BRIEN & GERE ENGINEERS, INC.

Stephen W. Anagnost, PE
Sr. Managing Engineer

cc: Amen Omorogbe, PE – NYSDEC
Peter Taylor – NYSDEC, Watertown
Steven Stucker, CPG – National Grid
Deborah Wright, CPG – O'Brien & Gere

Pump Test Data and Evaluation

O'BRIEN & GERE ENGINEERS, INC.	SOIL BORING LOG	REPORT OF BORING PW-01
Client: National Grid	**Sampler:** 2" Split Spoon	**Location:** Former MGP Site Herkimer, NY
Proj. Loc: Herkimer, NY	**Hammer:** Auto	**Start Date:** 3/28/2011
File No.: 1118 / 45595	**Fall:** NA	**End Date:** 3/29/2011
Boring Company: Parratt-Wolff **Foreman:** Glen Lansing **OBG Geologist:** Nate Vogan		**Screen** = \ Grout **Riser** Sand Pack Bentonite

Depth Below Grade	No.	Depth (feet)	Blows /6"	Penetr/ Recovery (ft)	"N" Value	Sample Description	Stratum Change / General Descript	Equip. Installed	Field Testing: PID (ppm)	Field Testing: Spoon Size
0	1	16	NA	NA	NA	Auger to 16 ft bgs, boney fill (bricks) from 0 to 5 ft, silt and clay (soft) 5 to 10 ft, Very hard at 10 ft bgs. Switch to drive and wash casing after 10 ft bgs.		\ \	NA	NA
16	2	18	NA	1.1/2.0	NA	GRAVEL; coarse gravel (rounded to subrounded, some medium to coarse sand; moderate brown, saturated, medium dense, slight odor.		\ \	NA	NA
18	3	35.5	NA	NA	NA	No samples taken, casing driven to 35.5 ft bgs		\ \	NA	NA
						End of Boring at 35.5 ft bgs		\ \		
						Well Construction: Open bottom 6" PVC riser: +2 - 35.5 ft bgs Gravel Pack (inside PVC): 34 - 35.5 ft bgs Sand Pack (annulus): 30 - 35.5 ft bgs Bentonite seal: 27 - 30 ft bgs Grout: 0 - 27 ft bgs Stickup (protective 8"steel casing): 2 ft				

Notes:

Aquifer Test Data

Project:	Former UST Removal Inv.		O'Brien & Gere
Site:	Hammondsport, NY		
Project Number:	1118.4559.5	Pumping Well Number:	PW-01
Recorded by:	CVV	Distance to Pumping Well:	0
Well Number:	PW-01	Drawdown Test	or Recovery Test
Static Water Level:	12.42	Unconfined Aquifer	or Confined Aquifer ✓

Date/Time	Elasped Time units:	Depth to Water units:	Drawdown units:	Correction	Corrected Drawdown	Discharge units: GPM	Comments
4-7-11/1300	0	12.42 ✓				0.5	
	1	14.10				↓	
	2	14.70					
	3	15.10					
	4	15.58					
	5	16.00				0.25	Decrease rate
	6	16.35					
	10	17.29					
	11	17.44				0.20	
	15	17.94				0.20	Decrease rate
	20	18.34					(0.15-0.20)
	24	18.44				↓	
	25	18.46 ✓					
	28	18.46					
	31	18.38	—			0.0	Tubing stop
1335	35	18.23					draining
1338	38	18.20					Stop pumping
2							
1430	90	16.10					
2							
1520	150	15.35	—				Last recovery measurement

$Q = 0.25 gpm - 38.5 ft^3/d$

$A = 2\pi r^2 + 2\pi rh - 7.17 ft^2$

$i = 18.46 - 12.42 / 5' - 1.21$

$A = \pi r^2$

$$K = \frac{Q}{\frac{\Delta h}{L} \times A} = \frac{38.5}{1.21 \times 7.17} = 4.43 \text{ ft/d}$$

Herkimer Casing Test

Recovery Test: Summary of Calculations

Full Recovery Interval:
Volume (Q) – 5.8 ft^3/day
Amount of recovery – 3.03 ft
Recovery time – 105 min
Volume per linear feet for 5" casing – 1.02 g/ft
Volume in 3.03 ft = 1.02 x 3.03 = 3.10 gal (in 105 min)
Volume per minute = 3.10 gal/ 105 min = 0.03 gal/min = 5.8 ft^3/day

Average head difference during recovery (DH) – 4.37 ft
DH = 16.79 ft (average drawdown) – 12.42 ft (initial water level)
DH = 4.37 ft

Thickness of sand deposit (L) – 2.7 ft

Casing volume (5") per foot of recovery (A) – 0.14 (ft^3)
$A = \pi r^2$
$A = 3.14 \times (0.21\ ft)^2 = 0.14\ ft^3$

Vertical Hydraulic Conductivity Estimate:
K = Q / iA
i=DH/L
K = 25 ft/day

First Recovery Interval:
Volume (Q) – 11.55 ft^3/day
Amount of recovery – 0.38 ft
Recovery time – 7 min
Volume per linear feet for 5" casing – 1.02 g/ft
Volume for 3.03 ft = 1.02 x 0.38 = 0.40 gal (in 7 min)
Volume per minute = 0.4 gal/ 7 min = 0.06 gal/min = 11.55 ft^3/day

Average head difference (DH) – 5.8 ft
DH = 18.23 ft (average drawdown) – 12.42 ft (initial water level)
DH = 5.81 ft

Thickness of sand deposit (L) – 2.7 ft
Casing volume (A) – 0.14 (ft^3)
See above calculation

Vertical Hydraulic Conductivity Estimate:
K = Q / iA
i=DH/L
K = 38.5 ft/day

Second Recovery Interval:
Volume (Q) – 7.7 ft^3/day
Amount of recovery – 2.10 ft
Recovery time – 48 min
Volume per linear feet for 5" casing – 1.02 g/ft
Volume for 3.03 ft = 1.02 x 2.10 = 2.14 gal (in 48 min)
Volume per minute = 2.14 gal/ 48 min = 0.04 gal/min = 7.7 ft^3/day

Average head difference (DH) – 4.68 ft
DH = 17.1 ft (average drawdown) – 12.42 ft (initial water level)
DH = 4.68 ft

Thickness of sand deposit (L) – 2.7 ft
Casing volume (A) – 0.14 (ft^3)
See above calculation

Vertical Hydraulic Conductivity Estimate:
K = Q / iA
i=DH/L
K = 32 ft/day

Third Recovery Interval:
Volume (Q) – 2.89 ft^3/day
Amount of recovery – 0.75 ft
Recovery time – 50 min
Volume per linear feet for 5" casing – 1.02 g/ft
Volume for 3.03 ft = 1.02 x 0.75 = 0.77 gal (in 50 min)
Volume per minute = 0.77 gal/ 50 min = 0.015 gal/min = 2.89 ft^3/day

Average head difference (DH) – 3.31 ft
DH = 15.73 ft (average drawdown) – 12.42 ft (initial water level)
DH = 3.31 ft

Thickness of sand deposit (L) – 2.7 ft
Casing volume (A) – 0.14 (ft^3)

Vertical Hydraulic Conductivity Estimate:
K = Q / iA
i=DH/L
K = 17 ft/day

Pump Test Analytic Data

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-3175-1
Client Project/Site: Nationa Grid Herkimer -

For:
O'Brien & Gere Technical Services Inc
333 West Washington St.
PO BOX 4873
East Syracuse, New York 13221

Attn: Deborah Wright

Melissa Deyo

Authorized for release by:
04/18/2011 01:50:45 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

Table of Contents

Qualifier Definition/Glossary

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 480-3175-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-3175-1

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: The following sample was diluted due to the abundance of target analytes: KW-02 (480-3175-2 DL). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following sample was diluted due to the abundance of target analytes: KW-02 (480-3175-2) and KW-02 (480-3175-2 DL). Elevated reporting limits (RLs) are provided.

Method 8270C: The laboratory control sample duplicate (LCSD) for preparation batch 10767 exceeded control limits for the following analyte: Pentachlorophenol. This analyte was biased high in the LCSD and not detected in the associated samples; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8082: On surrogate exceeded control limits in the following sample: KW-02 (480-3175-2). Since the second surrogate was compliant, no corrective action was required.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method SM 2540C: The sample KW-02 (480-3175-2) had a dilution applied during the preparation portion of the procedure. The dilution factor (DF) presented on the final report represents only the analytical dilution, not the dilution factor applied in the preparation batch. Reporting limits (RLs) have been adjusted accordingly.

Method 9012A: The method blank for analytical batch 11442 contained Total Cyanide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Client Sample ID: PW-01 — Lab Sample ID: 480-3175-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	9.0		1.0	0.34	ug/L	1		8260B	Total/NA
Trichloroethene	0.52	J	1.0	0.46	ug/L	1		8260B	Total/NA
Naphthalene	1.2	J	4.8	0.72	ug/L	1		8270C	Total/NA
Aluminum	0.21		0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.069		0.0020	0.00050	mg/L	1		6010B	Total/NA
Calcium	90.5		0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0067		0.0040	0.00087	mg/L	1		6010B	Total/NA
Iron	0.21		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	14.5		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.011		0.0030	0.00030	mg/L	1		6010B	Total/NA
Potassium	6.0		0.50	0.20	mg/L	1		6010B	Total/NA
Sodium	138		1.0	0.32	mg/L	1		6010B	Total/NA
Zinc	0.0025	J	0.010	0.0017	mg/L	1		6010B	Total/NA
Total Dissolved Solids	675		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: KW-02 — Lab Sample ID: 480-3175-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Hexanone	3.5	J	5.0	1.2	ug/L	1		8260B	Total/NA
Acetone	7.0	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	6.4		1.0	0.41	ug/L	1		8260B	Total/NA
Cyclohexane	46		1.0	0.18	ug/L	1		8260B	Total/NA
Ethylbenzene	4.8		1.0	0.74	ug/L	1		8260B	Total/NA
Methylene Chloride	1.0		1.0	0.44	ug/L	1		8260B	Total/NA
Toluene	1.5		1.0	0.51	ug/L	1		8260B	Total/NA
Methylcyclohexane - DL	130		5.0	0.80	ug/L	5		8260B	Total/NA
Xylenes, Total - DL	460		10	3.3	ug/L	5		8260B	Total/NA
Biphenyl	240		24	3.1	ug/L	5		8270C	Total/NA
2-Methylnaphthalene	680		24	2.8	ug/L	5		8270C	Total/NA
Acenaphthylene	67		24	1.8	ug/L	5		8270C	Total/NA
Anthracene	280		24	1.3	ug/L	5		8270C	Total/NA
Benzo(a)anthracene	140		24	1.7	ug/L	5		8270C	Total/NA
Benzo(a)pyrene	170		24	2.2	ug/L	5		8270C	Total/NA
Benzo(b)fluoranthene	110		24	1.6	ug/L	5		8270C	Total/NA
Benzo(g,h,i)perylene	120		24	1.7	ug/L	5		8270C	Total/NA
Benzo(k)fluoranthene	41		24	3.5	ug/L	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	12	J	24	8.5	ug/L	5		8270C	Total/NA
Chrysene	140		24	1.6	ug/L	5		8270C	Total/NA
Dibenz(a,h)anthracene	15	J	24	2.0	ug/L	5		8270C	Total/NA
Fluoranthene	410		24	1.9	ug/L	5		8270C	Total/NA
Fluorene	340		24	1.7	ug/L	5		8270C	Total/NA
Indeno(1,2,3-cd)pyrene	71		24	2.2	ug/L	5		8270C	Total/NA
Pyrene	550		24	1.6	ug/L	5		8270C	Total/NA
Acenaphthene - DL	1000		120	9.7	ug/L	25		8270C	Total/NA
Naphthalene - DL	2500		120	18	ug/L	25		8270C	Total/NA
Phenanthrene - DL	1100		120	10	ug/L	25		8270C	Total/NA
Aluminum	1.5		0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.13		0.0020	0.00050	mg/L	1		6010B	Total/NA
Calcium	113		0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0035	J	0.0040	0.00087	mg/L	1		6010B	Total/NA
Copper	0.0017	J	0.010	0.0015	mg/L	1		6010B	Total/NA
Iron	9.1		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	21.6		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	1.1		0.0030	0.00030	mg/L	1		6010B	Total/NA

Client Sample ID: KW-02 (Continued)

Lab Sample ID: 480-3175-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	4.5		0.50	0.20	mg/L	1		6010B	Total/NA
Sodium	80.4		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0074		0.0050	0.0011	mg/L	1		6010B	Total/NA
Zinc	0.013		0.010	0.0017	mg/L	1		6010B	Total/NA
Oil & Grease	9.5		4.8	1.3	mg/L	1		1664A	Total/NA
Chemical Oxygen Demand	36.0		10.0	5.0	mg/L	1		410.4	Total/NA
Total Dissolved Solids	614		20.0	8.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TB-03312011

Lab Sample ID: 480-3175-3

No Detections.

Client Sample ID: PW-01
Date Collected: 03/31/11 15:30
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/11 20:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/11 20:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/11 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/11 20:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/11 20:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/11 20:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/11 20:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/11 20:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/11 20:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/11 20:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/11 20:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/11 20:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/11 20:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/11 20:28	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/11 20:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/11 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/11 20:28	1
Acetone	ND		10	3.0	ug/L			04/04/11 20:28	1
Benzene	ND		1.0	0.41	ug/L			04/04/11 20:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/11 20:28	1
Bromoform	ND		1.0	0.26	ug/L			04/04/11 20:28	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/11 20:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/11 20:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/11 20:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/11 20:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/11 20:28	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/11 20:28	1
Chloroform	**9.0**		1.0	0.34	ug/L			04/04/11 20:28	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/11 20:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/11 20:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/11 20:28	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/11 20:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/11 20:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/11 20:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/11 20:28	1
Methyl acetate	ND		1.0	0.50	ug/L			04/04/11 20:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/11 20:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/11 20:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/11 20:28	1
Styrene	ND		1.0	0.73	ug/L			04/04/11 20:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/11 20:28	1
Toluene	ND		1.0	0.51	ug/L			04/04/11 20:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/11 20:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/11 20:28	1
Trichloroethene	**0.52**	**J**	1.0	0.46	ug/L			04/04/11 20:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/11 20:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/11 20:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/11 20:28	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*04/04/11 20:28*	*1*

Client Sample ID: PW-01
Date Collected: 03/31/11 15:30
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*89*		*71 - 126*		*04/04/11 20:28*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*04/04/11 20:28*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		04/05/11 12:49	04/08/11 18:20	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/05/11 12:49	04/08/11 18:20	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Chlorophenol	ND		4.8	0.50	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Methylphenol	ND		4.8	0.38	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Nitroaniline	ND		9.5	0.40	ug/L		04/05/11 12:49	04/08/11 18:20	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/05/11 12:49	04/08/11 18:20	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/05/11 12:49	04/08/11 18:20	1
3-Nitroaniline	ND		9.5	0.46	ug/L		04/05/11 12:49	04/08/11 18:20	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Chloroaniline	ND		4.8	0.56	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Methylphenol	ND		9.5	0.34	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Nitroaniline	ND		9.5	0.24	ug/L		04/05/11 12:49	04/08/11 18:20	1
4-Nitrophenol	ND		9.5	1.4	ug/L		04/05/11 12:49	04/08/11 18:20	1
Acenaphthene	ND		4.8	0.39	ug/L		04/05/11 12:49	04/08/11 18:20	1
Acenaphthylene	ND		4.8	0.36	ug/L		04/05/11 12:49	04/08/11 18:20	1
Acetophenone	ND		4.8	0.51	ug/L		04/05/11 12:49	04/08/11 18:20	1
Anthracene	ND		4.8	0.27	ug/L		04/05/11 12:49	04/08/11 18:20	1
Atrazine	ND		4.8	0.44	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzaldehyde	ND		4.8	0.25	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		04/05/11 12:49	04/08/11 18:20	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		04/05/11 12:49	04/08/11 18:20	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/05/11 12:49	04/08/11 18:20	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/05/11 12:49	04/08/11 18:20	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/05/11 12:49	04/08/11 18:20	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		04/05/11 12:49	04/08/11 18:20	1
Caprolactam	ND		4.8	2.1	ug/L		04/05/11 12:49	04/08/11 18:20	1
Carbazole	ND		4.8	0.29	ug/L		04/05/11 12:49	04/08/11 18:20	1
Chrysene	ND		4.8	0.31	ug/L		04/05/11 12:49	04/08/11 18:20	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		04/05/11 12:49	04/08/11 18:20	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/05/11 12:49	04/08/11 18:20	1

Client Sample ID: PW-01
Date Collected: 03/31/11 15:30
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/05/11 12:49	04/08/11 18:20	1
Dibenzofuran	ND		9.5	0.49	ug/L		04/05/11 12:49	04/08/11 18:20	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/05/11 12:49	04/08/11 18:20	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/05/11 12:49	04/08/11 18:20	1
Fluoranthene	ND		4.8	0.38	ug/L		04/05/11 12:49	04/08/11 18:20	1
Fluorene	ND		4.8	0.34	ug/L		04/05/11 12:49	04/08/11 18:20	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		04/05/11 12:49	04/08/11 18:20	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/05/11 12:49	04/08/11 18:20	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/05/11 12:49	04/08/11 18:20	1
Hexachloroethane	ND		4.8	0.56	ug/L		04/05/11 12:49	04/08/11 18:20	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		04/05/11 12:49	04/08/11 18:20	1
Isophorone	ND		4.8	0.41	ug/L		04/05/11 12:49	04/08/11 18:20	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		04/05/11 12:49	04/08/11 18:20	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/05/11 12:49	04/08/11 18:20	1
Naphthalene	**1.2**	**J**	4.8	0.72	ug/L		04/05/11 12:49	04/08/11 18:20	1
Nitrobenzene	ND		4.8	0.28	ug/L		04/05/11 12:49	04/08/11 18:20	1
Pentachlorophenol	ND	*	9.5	2.1	ug/L		04/05/11 12:49	04/08/11 18:20	1
Phenanthrene	ND		4.8	0.42	ug/L		04/05/11 12:49	04/08/11 18:20	1
Phenol	ND		4.8	0.37	ug/L		04/05/11 12:49	04/08/11 18:20	1
Pyrene	ND		4.8	0.32	ug/L		04/05/11 12:49	04/08/11 18:20	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*118*		*52 - 132*	*04/05/11 12:49*	*04/08/11 18:20*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*04/05/11 12:49*	*04/08/11 18:20*	*1*
2-Fluorophenol	*51*		*20 - 120*	*04/05/11 12:49*	*04/08/11 18:20*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*04/05/11 12:49*	*04/08/11 18:20*	*1*
p-Terphenyl-d14	*90*		*24 - 136*	*04/05/11 12:49*	*04/08/11 18:20*	*1*
Phenol-d5	*38*		*16 - 120*	*04/05/11 12:49*	*04/08/11 18:20*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1221	ND		0.47	0.17	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1232	ND		0.47	0.17	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1242	ND		0.47	0.17	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1248	ND		0.47	0.17	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1254	ND		0.47	0.24	ug/L		04/05/11 09:41	04/05/11 22:04	1
PCB-1260	ND		0.47	0.24	ug/L		04/05/11 09:41	04/05/11 22:04	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*12 - 137*	*04/05/11 09:41*	*04/05/11 22:04*	*1*
Tetrachloro-m-xylene	*89*		*35 - 121*	*04/05/11 09:41*	*04/05/11 22:04*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.21**		0.20	0.060	mg/L		04/04/11 08:35	04/04/11 20:05	1
Antimony	ND		0.020	0.0068	mg/L		04/04/11 08:35	04/04/11 20:05	1
Arsenic	ND		0.010	0.0056	mg/L		04/04/11 08:35	04/04/11 20:05	1
Barium	**0.069**		0.0020	0.00050	mg/L		04/04/11 08:35	04/04/11 20:05	1
Beryllium	ND		0.0020	0.00030	mg/L		04/04/11 08:35	04/04/11 20:05	1
Cadmium	ND		0.0010	0.00033	mg/L		04/04/11 08:35	04/04/11 20:05	1

Client Sample ID: PW-01

Lab Sample ID: 480-3175-1

Date Collected: 03/31/11 15:30

Matrix: Water

Date Received: 04/01/11 09:30

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**90.5**		0.50	0.10	mg/L		04/04/11 08:35	04/04/11 20:05	1
Chromium	**0.0067**		0.0040	0.00087	mg/L		04/04/11 08:35	04/04/11 20:05	1
Cobalt	ND		0.0040	0.00063	mg/L		04/04/11 08:35	04/04/11 20:05	1
Copper	ND		0.010	0.0015	mg/L		04/04/11 08:35	04/04/11 20:05	1
Iron	**0.21**		0.050	0.019	mg/L		04/04/11 08:35	04/04/11 20:05	1
Lead	ND		0.0050	0.0030	mg/L		04/04/11 08:35	04/04/11 20:05	1
Magnesium	**14.5**		0.20	0.043	mg/L		04/04/11 08:35	04/04/11 20:05	1
Manganese	**0.011**		0.0030	0.00030	mg/L		04/04/11 08:35	04/04/11 20:05	1
Nickel	ND		0.010	0.0013	mg/L		04/04/11 08:35	04/04/11 20:05	1
Potassium	**6.0**		0.50	0.20	mg/L		04/04/11 08:35	04/04/11 20:05	1
Selenium	ND		0.015	0.0087	mg/L		04/04/11 08:35	04/04/11 20:05	1
Silver	ND		0.0030	0.0017	mg/L		04/04/11 08:35	04/04/11 20:05	1
Sodium	**138**		1.0	0.32	mg/L		04/04/11 08:35	04/04/11 20:05	1
Thallium	ND		0.020	0.010	mg/L		04/04/11 08:35	04/04/11 20:05	1
Vanadium	ND		0.0050	0.0011	mg/L		04/04/11 08:35	04/04/11 20:05	1
Zinc	**0.0025**	**J**	0.010	0.0017	mg/L		04/04/11 08:35	04/04/11 20:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/02/11 13:00	04/02/11 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		4.8	1.3	mg/L		04/06/11 11:30	04/06/11 17:02	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			04/04/11 16:18	1
Cyanide, Total	ND		0.010	0.0050	mg/L		04/09/11 11:20	04/09/11 21:40	1
Total Dissolved Solids	**675**		10.0	4.0	mg/L			04/02/11 15:48	1

Client Sample ID: KW-02

Lab Sample ID: 480-3175-2

Date Collected: 03/31/11 16:00

Matrix: Water

Date Received: 04/01/11 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/11 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/11 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/11 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/11 20:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/11 20:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/11 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/11 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/11 20:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/11 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/11 20:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/11 20:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/11 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/11 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/11 20:52	1
2-Hexanone	**3.5**	**J**	5.0	1.2	ug/L			04/04/11 20:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/11 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/11 20:52	1

Client Sample ID: KW-02
Date Collected: 03/31/11 16:00
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.0**	**J**	10	3.0	ug/L			04/04/11 20:52	1
Benzene	**6.4**		1.0	0.41	ug/L			04/04/11 20:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/11 20:52	1
Bromoform	ND		1.0	0.26	ug/L			04/04/11 20:52	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/11 20:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/11 20:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/11 20:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/11 20:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/11 20:52	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/11 20:52	1
Chloroform	ND		1.0	0.34	ug/L			04/04/11 20:52	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/11 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/11 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/11 20:52	1
Cyclohexane	**46**		1.0	0.18	ug/L			04/04/11 20:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/11 20:52	1
Ethylbenzene	**4.8**		1.0	0.74	ug/L			04/04/11 20:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/11 20:52	1
Methyl acetate	ND		1.0	0.50	ug/L			04/04/11 20:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/11 20:52	1
Methylene Chloride	**1.0**		1.0	0.44	ug/L			04/04/11 20:52	1
Styrene	ND		1.0	0.73	ug/L			04/04/11 20:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/11 20:52	1
Toluene	**1.5**		1.0	0.51	ug/L			04/04/11 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/11 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/11 20:52	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/11 20:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/11 20:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/11 20:52	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*04/04/11 20:52*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*04/04/11 20:52*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*04/04/11 20:52*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	**130**		5.0	0.80	ug/L			04/05/11 13:39	5
Xylenes, Total	**460**		10	3.3	ug/L			04/05/11 13:39	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*04/05/11 13:39*	*5*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/05/11 13:39*	*5*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*04/05/11 13:39*	*5*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**240**		24	3.1	ug/L		04/05/11 12:49	04/08/11 18:44	5
bis (2-chloroisopropyl) ether	ND		24	2.5	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,4,5-Trichlorophenol	ND		24	2.3	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,4,6-Trichlorophenol	ND		24	2.9	ug/L		04/05/11 12:49	04/08/11 18:44	5

Client Sample ID: KW-02
Date Collected: 03/31/11 16:00
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		24	2.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,4-Dimethylphenol	ND		24	2.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,4-Dinitrophenol	ND		47	11	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,4-Dinitrotoluene	ND		24	2.1	ug/L		04/05/11 12:49	04/08/11 18:44	5
2,6-Dinitrotoluene	ND		24	1.9	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Chloronaphthalene	ND		24	2.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Chlorophenol	ND		24	2.5	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Methylnaphthalene	**680**		24	2.8	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Methylphenol	ND		24	1.9	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Nitroaniline	ND		47	2.0	ug/L		04/05/11 12:49	04/08/11 18:44	5
2-Nitrophenol	ND		24	2.3	ug/L		04/05/11 12:49	04/08/11 18:44	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		04/05/11 12:49	04/08/11 18:44	5
3-Nitroaniline	ND		47	2.3	ug/L		04/05/11 12:49	04/08/11 18:44	5
4,6-Dinitro-2-methylphenol	ND		47	10	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Bromophenyl phenyl ether	ND		24	2.1	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Chloro-3-methylphenol	ND		24	2.1	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Chloroaniline	ND		24	2.8	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Chlorophenyl phenyl ether	ND		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Methylphenol	ND		47	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Nitroaniline	ND		47	1.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
4-Nitrophenol	ND		47	7.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Acenaphthylene	**67**		24	1.8	ug/L		04/05/11 12:49	04/08/11 18:44	5
Acetophenone	ND		24	2.6	ug/L		04/05/11 12:49	04/08/11 18:44	5
Anthracene	**280**		24	1.3	ug/L		04/05/11 12:49	04/08/11 18:44	5
Atrazine	ND		24	2.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzaldehyde	ND		24	1.3	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzo(a)anthracene	**140**		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzo(a)pyrene	**170**		24	2.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzo(b)fluoranthene	**110**		24	1.6	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzo(g,h,i)perylene	**120**		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
Benzo(k)fluoranthene	**41**		24	3.5	ug/L		04/05/11 12:49	04/08/11 18:44	5
Bis(2-chloroethoxy)methane	ND		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
Bis(2-chloroethyl)ether	ND		24	1.9	ug/L		04/05/11 12:49	04/08/11 18:44	5
Bis(2-ethylhexyl) phthalate	**12**	**J**	24	8.5	ug/L		04/05/11 12:49	04/08/11 18:44	5
Butyl benzyl phthalate	ND		24	2.0	ug/L		04/05/11 12:49	04/08/11 18:44	5
Caprolactam	ND		24	10	ug/L		04/05/11 12:49	04/08/11 18:44	5
Carbazole	ND		24	1.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
Chrysene	**140**		24	1.6	ug/L		04/05/11 12:49	04/08/11 18:44	5
Di-n-butyl phthalate	ND		24	1.5	ug/L		04/05/11 12:49	04/08/11 18:44	5
Di-n-octyl phthalate	ND		24	2.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Dibenz(a,h)anthracene	**15**	**J**	24	2.0	ug/L		04/05/11 12:49	04/08/11 18:44	5
Dibenzofuran	ND		47	2.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
Diethyl phthalate	ND		24	1.0	ug/L		04/05/11 12:49	04/08/11 18:44	5
Dimethyl phthalate	ND		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
Fluoranthene	**410**		24	1.9	ug/L		04/05/11 12:49	04/08/11 18:44	5
Fluorene	**340**		24	1.7	ug/L		04/05/11 12:49	04/08/11 18:44	5
Hexachlorobenzene	ND		24	2.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
Hexachlorobutadiene	ND		24	3.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Hexachlorocyclopentadiene	ND		24	2.8	ug/L		04/05/11 12:49	04/08/11 18:44	5
Hexachloroethane	ND		24	2.8	ug/L		04/05/11 12:49	04/08/11 18:44	5

Client Sample ID: KW-02
Date Collected: 03/31/11 16:00
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno(1,2,3-cd)pyrene	**71**		24	2.2	ug/L		04/05/11 12:49	04/08/11 18:44	5
Isophorone	ND		24	2.0	ug/L		04/05/11 12:49	04/08/11 18:44	5
N-Nitrosodi-n-propylamine	ND		24	2.6	ug/L		04/05/11 12:49	04/08/11 18:44	5
N-Nitrosodiphenylamine	ND		24	2.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
Nitrobenzene	ND		24	1.4	ug/L		04/05/11 12:49	04/08/11 18:44	5
Pentachlorophenol	ND	*	47	10	ug/L		04/05/11 12:49	04/08/11 18:44	5
Phenol	ND		24	1.8	ug/L		04/05/11 12:49	04/08/11 18:44	5
Pyrene	**550**		24	1.6	ug/L		04/05/11 12:49	04/08/11 18:44	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*52 - 132*	*04/05/11 12:49*	*04/08/11 18:44*	*5*
2-Fluorobiphenyl	*69*		*48 - 120*	*04/05/11 12:49*	*04/08/11 18:44*	*5*
2-Fluorophenol	*35*		*20 - 120*	*04/05/11 12:49*	*04/08/11 18:44*	*5*
Nitrobenzene-d5	*70*		*46 - 120*	*04/05/11 12:49*	*04/08/11 18:44*	*5*
p-Terphenyl-d14	*52*		*24 - 136*	*04/05/11 12:49*	*04/08/11 18:44*	*5*
Phenol-d5	*27*		*16 - 120*	*04/05/11 12:49*	*04/08/11 18:44*	*5*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1000**		120	9.7	ug/L		04/05/11 12:49	04/11/11 11:54	25
Naphthalene	**2500**		120	18	ug/L		04/05/11 12:49	04/11/11 11:54	25
Phenanthrene	**1100**		120	10	ug/L		04/05/11 12:49	04/11/11 11:54	25

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*59*		*52 - 132*	*04/05/11 12:49*	*04/11/11 11:54*	*25*
2-Fluorobiphenyl	*66*		*48 - 120*	*04/05/11 12:49*	*04/11/11 11:54*	*25*
2-Fluorophenol	*29*		*20 - 120*	*04/05/11 12:49*	*04/11/11 11:54*	*25*
Nitrobenzene-d5	*56*		*46 - 120*	*04/05/11 12:49*	*04/11/11 11:54*	*25*
p-Terphenyl-d14	*48*		*24 - 136*	*04/05/11 12:49*	*04/11/11 11:54*	*25*
Phenol-d5	*22*		*16 - 120*	*04/05/11 12:49*	*04/11/11 11:54*	*25*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1221	ND		0.48	0.17	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1232	ND		0.48	0.17	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1242	ND		0.48	0.17	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1248	ND		0.48	0.17	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1254	ND		0.48	0.24	ug/L		04/05/11 09:41	04/05/11 22:19	1
PCB-1260	ND		0.48	0.24	ug/L		04/05/11 09:41	04/05/11 22:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*12 - 137*	*04/05/11 09:41*	*04/05/11 22:19*	*1*
Tetrachloro-m-xylene	*149*	*X*	*35 - 121*	*04/05/11 09:41*	*04/05/11 22:19*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.5**		0.20	0.060	mg/L		04/04/11 08:35	04/04/11 20:12	1
Antimony	ND		0.020	0.0068	mg/L		04/04/11 08:35	04/04/11 20:12	1
Arsenic	ND		0.010	0.0056	mg/L		04/04/11 08:35	04/04/11 20:12	1
Barium	**0.13**		0.0020	0.00050	mg/L		04/04/11 08:35	04/04/11 20:12	1
Beryllium	ND		0.0020	0.00030	mg/L		04/04/11 08:35	04/04/11 20:12	1

Client Sample ID: KW-02

Lab Sample ID: 480-3175-2

Date Collected: 03/31/11 16:00

Matrix: Water

Date Received: 04/01/11 09:30

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0010	0.00033	mg/L		04/04/11 08:35	04/04/11 20:12	1
Calcium	**113**		0.50	0.10	mg/L		04/04/11 08:35	04/04/11 20:12	1
Chromium	**0.0035**	**J**	0.0040	0.00087	mg/L		04/04/11 08:35	04/04/11 20:12	1
Cobalt	ND		0.0040	0.00063	mg/L		04/04/11 08:35	04/04/11 20:12	1
Copper	**0.0017**	**J**	0.010	0.0015	mg/L		04/04/11 08:35	04/04/11 20:12	1
Iron	**9.1**		0.050	0.019	mg/L		04/04/11 08:35	04/04/11 20:12	1
Lead	ND		0.0050	0.0030	mg/L		04/04/11 08:35	04/04/11 20:12	1
Magnesium	**21.6**		0.20	0.043	mg/L		04/04/11 08:35	04/04/11 20:12	1
Manganese	**1.1**		0.0030	0.00030	mg/L		04/04/11 08:35	04/04/11 20:12	1
Nickel	**0.0037**	**J**	0.010	0.0013	mg/L		04/04/11 08:35	04/04/11 20:12	1
Potassium	**4.5**		0.50	0.20	mg/L		04/04/11 08:35	04/04/11 20:12	1
Selenium	ND		0.015	0.0087	mg/L		04/04/11 08:35	04/04/11 20:12	1
Silver	ND		0.0030	0.0017	mg/L		04/04/11 08:35	04/04/11 20:12	1
Sodium	**80.4**		1.0	0.32	mg/L		04/04/11 08:35	04/04/11 20:12	1
Thallium	ND		0.020	0.010	mg/L		04/04/11 08:35	04/04/11 20:12	1
Vanadium	**0.0074**		0.0050	0.0011	mg/L		04/04/11 08:35	04/04/11 20:12	1
Zinc	**0.013**		0.010	0.0017	mg/L		04/04/11 08:35	04/04/11 20:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/02/11 13:00	04/02/11 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	**9.5**		4.8	1.3	mg/L		04/14/11 10:00	04/14/11 18:28	1
Chemical Oxygen Demand	**36.0**		10.0	5.0	mg/L			04/04/11 16:18	1
Cyanide, Total	ND		0.010	0.0050	mg/L		04/04/11 18:45	04/05/11 13:50	1
Total Dissolved Solids	**614**		20.0	8.0	mg/L			04/02/11 15:48	1

Client Sample ID: TB-03312011

Lab Sample ID: 480-3175-3

Date Collected: 03/31/11 17:00

Matrix: Water

Date Received: 04/01/11 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/11 21:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/11 21:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/11 21:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/11 21:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/11 21:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/11 21:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/11 21:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/11 21:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/11 21:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/11 21:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/11 21:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/11 21:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/11 21:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/11 21:18	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/11 21:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/11 21:18	1

Client Sample ID: TB-03312011
Date Collected: 03/31/11 17:00
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/11 21:18	1
Acetone	ND		10	3.0	ug/L			04/04/11 21:18	1
Benzene	ND		1.0	0.41	ug/L			04/04/11 21:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/11 21:18	1
Bromoform	ND		1.0	0.26	ug/L			04/04/11 21:18	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/11 21:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/11 21:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/11 21:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/11 21:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/11 21:18	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/11 21:18	1
Chloroform	ND		1.0	0.34	ug/L			04/04/11 21:18	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/11 21:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/11 21:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/11 21:18	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/11 21:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/11 21:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/11 21:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/11 21:18	1
Methyl acetate	ND		1.0	0.50	ug/L			04/04/11 21:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/11 21:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/11 21:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/11 21:18	1
Styrene	ND		1.0	0.73	ug/L			04/04/11 21:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/11 21:18	1
Toluene	ND		1.0	0.51	ug/L			04/04/11 21:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/11 21:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/11 21:18	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/11 21:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/11 21:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/11 21:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/11 21:18	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*04/04/11 21:18*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*04/04/11 21:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/04/11 21:18*	*1*

Surrogate Summary

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-3175-1	PW-01	96	89	87
480-3175-2 - DL	KW-02	100	104	107
480-3175-2	KW-02	100	91	91
480-3175-3	TB-03312011	97	93	96
LCS 480-10560/4	LCS 480-10560/4	95	94	95
LCS 480-10723/4	LCS 480-10723/4	96	104	107
MB 480-10560/5	MB 480-10560/5	98	94	95
MB 480-10723/5	MB 480-10723/5	101	104	109

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(24-136)	(16-120)
480-3175-1	PW-01	118	94	51	94	90	38
480-3175-2 - DL	KW-02	59	66	29	56	48	22
480-3175-2	KW-02	80	69	35	70	52	27
LCS 480-10767/2-A	LCS 480-10767/2-A	121	92	49	95	99	39
LCSD 480-10767/3-A	LCSD 480-10767/3-A	124	95	54	100	101	42
MB 480-10767/1-A	MB 480-10767/1-A	103	76	42	80	86	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(12-137)	(35-121)
480-3175-1	PW-01	56	89
480-3175-2	KW-02	105	149 X

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-10560/5
Matrix: Water
Analysis Batch: 10560

Client Sample ID: MB 480-10560/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/11 12:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/11 12:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/11 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/04/11 12:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/11 12:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/11 12:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/04/11 12:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/04/11 12:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/04/11 12:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/04/11 12:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/11 12:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/11 12:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/04/11 12:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/04/11 12:42	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/11 12:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/11 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/11 12:42	1
Acetone	ND		10	3.0	ug/L			04/04/11 12:42	1
Benzene	ND		1.0	0.41	ug/L			04/04/11 12:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/11 12:42	1
Bromoform	ND		1.0	0.26	ug/L			04/04/11 12:42	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/11 12:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/11 12:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/11 12:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/11 12:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/11 12:42	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/11 12:42	1
Chloroform	ND		1.0	0.34	ug/L			04/04/11 12:42	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/11 12:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/04/11 12:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/11 12:42	1
Cyclohexane	ND		1.0	0.18	ug/L			04/04/11 12:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/04/11 12:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/11 12:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/04/11 12:42	1
Methyl acetate	ND		1.0	0.50	ug/L			04/04/11 12:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/04/11 12:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/04/11 12:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/11 12:42	1
Styrene	ND		1.0	0.73	ug/L			04/04/11 12:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/11 12:42	1
Toluene	ND		1.0	0.51	ug/L			04/04/11 12:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/04/11 12:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/11 12:42	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/11 12:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/04/11 12:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/11 12:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/11 12:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-10560/5
Matrix: Water
Analysis Batch: 10560

Client Sample ID: MB 480-10560/5
Prep Type: Total/NA

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*04/04/11 12:42*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*04/04/11 12:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/04/11 12:42*	*1*

Lab Sample ID: LCS 480-10560/4
Matrix: Water
Analysis Batch: 10560

Client Sample ID: LCS 480-10560/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethane	12.5	13.4		ug/L		107	71 - 129
1,1-Dichloroethene	12.5	11.8		ug/L		94	65 - 138
1,2-Dichlorobenzene	12.5	11.8		ug/L		95	77 - 120
1,2-Dichloroethane	12.5	13.1		ug/L		105	75 - 127
Benzene	12.5	12.8		ug/L		102	71 - 124
Chlorobenzene	12.5	12.4		ug/L		99	72 - 120
cis-1,2-Dichloroethene	12.5	12.3		ug/L		99	74 - 124
Ethylbenzene	12.5	11.8		ug/L		95	77 - 123
Methyl tert-butyl ether	12.5	13.2		ug/L		106	64 - 127
Tetrachloroethene	12.5	12.1		ug/L		97	74 - 122
Toluene	12.5	11.9		ug/L		96	70 - 122
trans-1,2-Dichloroethene	12.5	12.5		ug/L		100	73 - 127
Trichloroethene	12.5	12.3		ug/L		98	74 - 123

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*

Lab Sample ID: MB 480-10723/5
Matrix: Water
Analysis Batch: 10723

Client Sample ID: MB 480-10723/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/05/11 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/05/11 12:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/05/11 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/05/11 12:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/05/11 12:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/05/11 12:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/05/11 12:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/05/11 12:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/05/11 12:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/05/11 12:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/05/11 12:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/05/11 12:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/05/11 12:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/05/11 12:22	1
2-Hexanone	ND		5.0	1.2	ug/L			04/05/11 12:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/05/11 12:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-10723/5
Matrix: Water
Analysis Batch: 10723

Client Sample ID: MB 480-10723/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/05/11 12:22	1
Acetone	ND		10	3.0	ug/L			04/05/11 12:22	1
Benzene	ND		1.0	0.41	ug/L			04/05/11 12:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/05/11 12:22	1
Bromoform	ND		1.0	0.26	ug/L			04/05/11 12:22	1
Bromomethane	ND		1.0	0.69	ug/L			04/05/11 12:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/05/11 12:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/05/11 12:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/05/11 12:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/05/11 12:22	1
Chloroethane	ND		1.0	0.32	ug/L			04/05/11 12:22	1
Chloroform	ND		1.0	0.34	ug/L			04/05/11 12:22	1
Chloromethane	ND		1.0	0.35	ug/L			04/05/11 12:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/05/11 12:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/05/11 12:22	1
Cyclohexane	ND		1.0	0.18	ug/L			04/05/11 12:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/05/11 12:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/05/11 12:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/05/11 12:22	1
Methyl acetate	ND		1.0	0.50	ug/L			04/05/11 12:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/05/11 12:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/05/11 12:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/05/11 12:22	1
Styrene	ND		1.0	0.73	ug/L			04/05/11 12:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/05/11 12:22	1
Toluene	ND		1.0	0.51	ug/L			04/05/11 12:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/05/11 12:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/05/11 12:22	1
Trichloroethene	ND		1.0	0.46	ug/L			04/05/11 12:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/05/11 12:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/05/11 12:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/05/11 12:22	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*04/05/11 12:22*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/05/11 12:22*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*04/05/11 12:22*	*1*

Lab Sample ID: LCS 480-10723/4
Matrix: Water
Analysis Batch: 10723

Client Sample ID: LCS 480-10723/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethane	25.0	23.2		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	20.9		ug/L		84	65 - 138
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
Benzene	25.0	23.6		ug/L		94	71 - 124
Chlorobenzene	25.0	25.5		ug/L		102	72 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-10723/4
Matrix: Water
Analysis Batch: 10723

Client Sample ID: LCS 480-10723/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Methyl tert-butyl ether	25.0	24.2		ug/L		97	64 - 127
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	24.3		ug/L		97	70 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
Trichloroethene	25.0	23.7		ug/L		95	74 - 123

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-10767/1-A
Matrix: Water
Analysis Batch: 11285

Client Sample ID: MB 480-10767/1-A
Prep Type: Total/NA
Prep Batch: 10767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		04/05/11 12:49	04/08/11 15:12	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/05/11 12:49	04/08/11 15:12	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Nitroaniline	ND		10	0.42	ug/L		04/05/11 12:49	04/08/11 15:12	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/05/11 12:49	04/08/11 15:12	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/05/11 12:49	04/08/11 15:12	1
3-Nitroaniline	ND		10	0.48	ug/L		04/05/11 12:49	04/08/11 15:12	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Methylphenol	ND		10	0.36	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Nitroaniline	ND		10	0.25	ug/L		04/05/11 12:49	04/08/11 15:12	1
4-Nitrophenol	ND		10	1.5	ug/L		04/05/11 12:49	04/08/11 15:12	1
Acenaphthene	ND		5.0	0.41	ug/L		04/05/11 12:49	04/08/11 15:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/05/11 12:49	04/08/11 15:12	1
Acetophenone	ND		5.0	0.54	ug/L		04/05/11 12:49	04/08/11 15:12	1
Anthracene	ND		5.0	0.28	ug/L		04/05/11 12:49	04/08/11 15:12	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-10767/1-A
Matrix: Water
Analysis Batch: 11285

Client Sample ID: MB 480-10767/1-A
Prep Type: Total/NA
Prep Batch: 10767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzaldehyde	ND		5.0	0.27	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		04/05/11 12:49	04/08/11 15:12	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		04/05/11 12:49	04/08/11 15:12	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/05/11 12:49	04/08/11 15:12	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/05/11 12:49	04/08/11 15:12	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/05/11 12:49	04/08/11 15:12	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/05/11 12:49	04/08/11 15:12	1
Caprolactam	ND		5.0	2.2	ug/L		04/05/11 12:49	04/08/11 15:12	1
Carbazole	ND		5.0	0.30	ug/L		04/05/11 12:49	04/08/11 15:12	1
Chrysene	ND		5.0	0.33	ug/L		04/05/11 12:49	04/08/11 15:12	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		04/05/11 12:49	04/08/11 15:12	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/05/11 12:49	04/08/11 15:12	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/05/11 12:49	04/08/11 15:12	1
Dibenzofuran	ND		10	0.51	ug/L		04/05/11 12:49	04/08/11 15:12	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/05/11 12:49	04/08/11 15:12	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/05/11 12:49	04/08/11 15:12	1
Fluoranthene	ND		5.0	0.40	ug/L		04/05/11 12:49	04/08/11 15:12	1
Fluorene	ND		5.0	0.36	ug/L		04/05/11 12:49	04/08/11 15:12	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/05/11 12:49	04/08/11 15:12	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/05/11 12:49	04/08/11 15:12	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/05/11 12:49	04/08/11 15:12	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/05/11 12:49	04/08/11 15:12	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		04/05/11 12:49	04/08/11 15:12	1
Isophorone	ND		5.0	0.43	ug/L		04/05/11 12:49	04/08/11 15:12	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/05/11 12:49	04/08/11 15:12	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/05/11 12:49	04/08/11 15:12	1
Naphthalene	ND		5.0	0.76	ug/L		04/05/11 12:49	04/08/11 15:12	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/05/11 12:49	04/08/11 15:12	1
Pentachlorophenol	ND		10	2.2	ug/L		04/05/11 12:49	04/08/11 15:12	1
Phenanthrene	ND		5.0	0.44	ug/L		04/05/11 12:49	04/08/11 15:12	1
Phenol	ND		5.0	0.39	ug/L		04/05/11 12:49	04/08/11 15:12	1
Pyrene	ND		5.0	0.34	ug/L		04/05/11 12:49	04/08/11 15:12	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*04/05/11 12:49*	*04/08/11 15:12*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*04/05/11 12:49*	*04/08/11 15:12*	*1*
2-Fluorophenol	*42*		*20 - 120*	*04/05/11 12:49*	*04/08/11 15:12*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*04/05/11 12:49*	*04/08/11 15:12*	*1*
p-Terphenyl-d14	*86*		*24 - 136*	*04/05/11 12:49*	*04/08/11 15:12*	*1*
Phenol-d5	*33*		*16 - 120*	*04/05/11 12:49*	*04/08/11 15:12*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-10767/2-A
Matrix: Water
Analysis Batch: 11285

Client Sample ID: LCS 480-10767/2-A
Prep Type: Total/NA
Prep Batch: 10767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Chlorophenol	100	83.7		ug/L		84	48 - 120
4-Chloro-3-methylphenol	100	106		ug/L		106	64 - 120
4-Nitrophenol	100	50.2		ug/L		50	16 - 120
Acenaphthene	100	99.6		ug/L		100	60 - 120
Bis(2-ethylhexyl) phthalate	100	101		ug/L		101	69 - 136
Fluorene	100	108		ug/L		108	66 - 129
Hexachloroethane	100	73.8		ug/L		74	25 - 120
N-Nitrosodi-n-propylamine	100	99.4		ug/L		99	56 - 120
Pentachlorophenol	100	132		ug/L		132	39 - 136
Phenol	100	39.0		ug/L		39	17 - 120
Pyrene	100	104		ug/L		104	58 - 136

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 132*
2-Fluorobiphenyl	*92*		*48 - 120*
2-Fluorophenol	*49*		*20 - 120*
Nitrobenzene-d5	*95*		*46 - 120*
p-Terphenyl-d14	*99*		*24 - 136*
Phenol-d5	*39*		*16 - 120*

Lab Sample ID: LCSD 480-10767/3-A
Matrix: Water
Analysis Batch: 11285

Client Sample ID: LCSD 480-10767/3-A
Prep Type: Total/NA
Prep Batch: 10767

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Chlorophenol	100	91.6		ug/L		92	48 - 120	9	25
4-Chloro-3-methylphenol	100	112		ug/L		112	64 - 120	6	27
4-Nitrophenol	100	50.2		ug/L		50	16 - 120	0	48
Acenaphthene	100	103		ug/L		103	60 - 120	4	24
Bis(2-ethylhexyl) phthalate	100	104		ug/L		104	69 - 136	2	15
Fluorene	100	112		ug/L		112	66 - 129	4	15
Hexachloroethane	100	78.0		ug/L		78	25 - 120	5	46
N-Nitrosodi-n-propylamine	100	106		ug/L		106	56 - 120	6	31
Pentachlorophenol	100	138	*	ug/L		138	39 - 136	5	37
Phenol	100	42.4		ug/L		42	17 - 120	8	34
Pyrene	100	107		ug/L		107	58 - 136	3	19

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*124*		*52 - 132*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol	*54*		*20 - 120*
Nitrobenzene-d5	*100*		*46 - 120*
p-Terphenyl-d14	*101*		*24 - 136*
Phenol-d5	*42*		*16 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-10475/1-A
Matrix: Water
Analysis Batch: 10690

Client Sample ID: MB 480-10475/1-A
Prep Type: Total/NA
Prep Batch: 10475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		04/04/11 08:35	04/04/11 19:36	1
Antimony	ND		0.020	0.0068	mg/L		04/04/11 08:35	04/04/11 19:36	1
Arsenic	ND		0.010	0.0056	mg/L		04/04/11 08:35	04/04/11 19:36	1
Barium	ND		0.0020	0.00050	mg/L		04/04/11 08:35	04/04/11 19:36	1
Beryllium	ND		0.0020	0.00030	mg/L		04/04/11 08:35	04/04/11 19:36	1
Cadmium	ND		0.0010	0.00033	mg/L		04/04/11 08:35	04/04/11 19:36	1
Calcium	ND		0.50	0.10	mg/L		04/04/11 08:35	04/04/11 19:36	1
Chromium	ND		0.0040	0.00087	mg/L		04/04/11 08:35	04/04/11 19:36	1
Cobalt	ND		0.0040	0.00063	mg/L		04/04/11 08:35	04/04/11 19:36	1
Copper	ND		0.010	0.0015	mg/L		04/04/11 08:35	04/04/11 19:36	1
Iron	ND		0.050	0.019	mg/L		04/04/11 08:35	04/04/11 19:36	1
Lead	ND		0.0050	0.0030	mg/L		04/04/11 08:35	04/04/11 19:36	1
Magnesium	ND		0.20	0.043	mg/L		04/04/11 08:35	04/04/11 19:36	1
Manganese	ND		0.0030	0.00030	mg/L		04/04/11 08:35	04/04/11 19:36	1
Nickel	ND		0.010	0.0013	mg/L		04/04/11 08:35	04/04/11 19:36	1
Potassium	ND		0.50	0.20	mg/L		04/04/11 08:35	04/04/11 19:36	1
Selenium	ND		0.015	0.0087	mg/L		04/04/11 08:35	04/04/11 19:36	1
Silver	ND		0.0030	0.0017	mg/L		04/04/11 08:35	04/04/11 19:36	1
Sodium	ND		1.0	0.32	mg/L		04/04/11 08:35	04/04/11 19:36	1
Thallium	ND		0.020	0.010	mg/L		04/04/11 08:35	04/04/11 19:36	1
Vanadium	ND		0.0050	0.0011	mg/L		04/04/11 08:35	04/04/11 19:36	1
Zinc	ND		0.010	0.0017	mg/L		04/04/11 08:35	04/04/11 19:36	1

Lab Sample ID: LCS 480-10475/2-A
Matrix: Water
Analysis Batch: 10690

Client Sample ID: LCS 480-10475/2-A
Prep Type: Total/NA
Prep Batch: 10475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	10.0	9.68		mg/L		97	80 - 120
Antimony	0.200	0.200		mg/L		100	80 - 120
Arsenic	0.200	0.202		mg/L		101	80 - 120
Barium	0.200	0.206		mg/L		103	80 - 120
Beryllium	0.200	0.205		mg/L		102	80 - 120
Cadmium	0.200	0.208		mg/L		104	80 - 120
Calcium	10.0	10.24		mg/L		102	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Cobalt	0.200	0.204		mg/L		102	80 - 120
Copper	0.200	0.208		mg/L		104	80 - 120
Iron	10.0	9.89		mg/L		99	80 - 120
Lead	0.200	0.196		mg/L		98	80 - 120
Magnesium	10.0	10.20		mg/L		102	80 - 120
Manganese	0.200	0.203		mg/L		102	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	10.27		mg/L		103	80 - 120
Selenium	0.200	0.210		mg/L		105	80 - 120
Silver	0.0500	0.0535		mg/L		107	80 - 120
Sodium	10.0	10.32		mg/L		103	80 - 120
Thallium	0.200	0.204		mg/L		102	80 - 120
Vanadium	0.200	0.198		mg/L		99	80 - 120
Zinc	0.200	0.200		mg/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-10521/25-A
Matrix: Water
Analysis Batch: 10585

Client Sample ID: MB 480-10521/25-A
Prep Type: Total/NA
Prep Batch: 10521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/02/11 13:00	04/02/11 17:20	1

Lab Sample ID: LCS 480-10521/24-A
Matrix: Water
Analysis Batch: 10585

Client Sample ID: LCS 480-10521/24-A
Prep Type: Total/NA
Prep Batch: 10521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00687		mg/L		103	80 - 120

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 480-10981/1-A
Matrix: Water
Analysis Batch: 10984

Client Sample ID: MB 480-10981/1-A
Prep Type: Total/NA
Prep Batch: 10981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.0	1.4	mg/L		04/06/11 11:30	04/06/11 17:02	1

Lab Sample ID: LCS 480-10981/2-A
Matrix: Water
Analysis Batch: 10984

Client Sample ID: LCS 480-10981/2-A
Prep Type: Total/NA
Prep Batch: 10981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Oil & Grease	25.0	24.10		mg/L		96	78 - 114

Lab Sample ID: 480-3175-1 MS
Matrix: Water
Analysis Batch: 10984

Client Sample ID: PW-01
Prep Type: Total/NA
Prep Batch: 10981

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Oil & Grease	ND		19.2	19.42		mg/L		101	78 - 114

Lab Sample ID: MB 480-12132/1-A
Matrix: Water
Analysis Batch: 12134

Client Sample ID: MB 480-12132/1-A
Prep Type: Total/NA
Prep Batch: 12132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.0	1.4	mg/L		04/14/11 10:00	04/14/11 18:28	1

Lab Sample ID: LCS 480-12132/2-A
Matrix: Water
Analysis Batch: 12134

Client Sample ID: LCS 480-12132/2-A
Prep Type: Total/NA
Prep Batch: 12132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Oil & Grease	25.0	22.10		mg/L		88	78 - 114

Method: 410.4 - COD

Lab Sample ID: MB 480-10643/3
Matrix: Water
Analysis Batch: 10643

Client Sample ID: MB 480-10643/3
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			04/04/11 15:53	1

Lab Sample ID: MB 480-10643/51
Matrix: Water
Analysis Batch: 10643

Client Sample ID: MB 480-10643/51
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			04/04/11 16:16	1

Lab Sample ID: LCS 480-10643/52
Matrix: Water
Analysis Batch: 10643

Client Sample ID: LCS 480-10643/52
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chemical Oxygen Demand	25.0	24.07		mg/L		96	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-10669/1-A
Matrix: Water
Analysis Batch: 10766

Client Sample ID: MB 480-10669/1-A
Prep Type: Total/NA
Prep Batch: 10669

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/04/11 18:45	04/05/11 13:36	1

Lab Sample ID: LCS 480-10669/2-A
Matrix: Water
Analysis Batch: 10766

Client Sample ID: LCS 480-10669/2-A
Prep Type: Total/NA
Prep Batch: 10669

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.243		mg/L		97	90 - 110

Lab Sample ID: MB 480-11424/1-A
Matrix: Water
Analysis Batch: 11442

Client Sample ID: MB 480-11424/1-A
Prep Type: Total/NA
Prep Batch: 11424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00561	J	0.010	0.0050	mg/L		04/09/11 11:20	04/09/11 21:37	1

Lab Sample ID: LCS 480-11424/2-A
Matrix: Water
Analysis Batch: 11442

Client Sample ID: LCS 480-11424/2-A
Prep Type: Total/NA
Prep Batch: 11424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.400	0.406		mg/L		102	90 - 110

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-10530/1
Matrix: Water
Analysis Batch: 10530

Client Sample ID: MB 480-10530/1
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			04/02/11 15:48	1

Lab Sample ID: LCS 480-10530/2
Matrix: Water
Analysis Batch: 10530

Client Sample ID: LCS 480-10530/2
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Dissolved Solids	502	508.0		mg/L		101	85 - 115

GC/MS VOA

Analysis Batch: 10560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	8260B	
480-3175-2	KW-02	Total/NA	Water	8260B	
480-3175-3	TB-03312011	Total/NA	Water	8260B	
LCS 480-10560/4	LCS 480-10560/4	Total/NA	Water	8260B	
MB 480-10560/5	MB 480-10560/5	Total/NA	Water	8260B	

Analysis Batch: 10723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-10723/4	LCS 480-10723/4	Total/NA	Water	8260B	
MB 480-10723/5	MB 480-10723/5	Total/NA	Water	8260B	
480-3175-2 - DL	KW-02	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 10767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10767/1-A	MB 480-10767/1-A	Total/NA	Water	3510C	
480-3175-2	KW-02	Total/NA	Water	3510C	
480-3175-2 - DL	KW-02	Total/NA	Water	3510C	
LCS 480-10767/2-A	LCS 480-10767/2-A	Total/NA	Water	3510C	
LCSD 480-10767/3-A	LCSD 480-10767/3-A	Total/NA	Water	3510C	
480-3175-1	PW-01	Total/NA	Water	3510C	

Analysis Batch: 11285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10767/1-A	MB 480-10767/1-A	Total/NA	Water	8270C	10767
LCS 480-10767/2-A	LCS 480-10767/2-A	Total/NA	Water	8270C	10767
LCSD 480-10767/3-A	LCSD 480-10767/3-A	Total/NA	Water	8270C	10767
480-3175-1	PW-01	Total/NA	Water	8270C	10767
480-3175-2	KW-02	Total/NA	Water	8270C	10767

Analysis Batch: 11486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-2 - DL	KW-02	Total/NA	Water	8270C	10767

GC Semi VOA

Prep Batch: 10702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	3510C	
480-3175-2	KW-02	Total/NA	Water	3510C	

Analysis Batch: 10780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	8082	10702
480-3175-2	KW-02	Total/NA	Water	8082	10702

Metals

Prep Batch: 10475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10475/1-A	MB 480-10475/1-A	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 10475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	3005A	
480-3175-2	KW-02	Total/NA	Water	3005A	
LCS 480-10475/2-A	LCS 480-10475/2-A	Total/NA	Water	3005A	

Prep Batch: 10521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	7470A	
480-3175-2	KW-02	Total/NA	Water	7470A	
LCS 480-10521/24-A	LCS 480-10521/24-A	Total/NA	Water	7470A	
MB 480-10521/25-A	MB 480-10521/25-A	Total/NA	Water	7470A	

Analysis Batch: 10585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-1	PW-01	Total/NA	Water	7470A	10521
480-3175-2	KW-02	Total/NA	Water	7470A	10521
LCS 480-10521/24-A	LCS 480-10521/24-A	Total/NA	Water	7470A	10521
MB 480-10521/25-A	MB 480-10521/25-A	Total/NA	Water	7470A	10521

Analysis Batch: 10690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10475/1-A	MB 480-10475/1-A	Total/NA	Water	6010B	10475
LCS 480-10475/2-A	LCS 480-10475/2-A	Total/NA	Water	6010B	10475
480-3175-1	PW-01	Total/NA	Water	6010B	10475
480-3175-2	KW-02	Total/NA	Water	6010B	10475

General Chemistry

Analysis Batch: 10530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10530/1	MB 480-10530/1	Total/NA	Water	SM 2540C	
480-3175-1	PW-01	Total/NA	Water	SM 2540C	
480-3175-2	KW-02	Total/NA	Water	SM 2540C	
LCS 480-10530/2	LCS 480-10530/2	Total/NA	Water	SM 2540C	

Analysis Batch: 10643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10643/3	MB 480-10643/3	Total/NA	Water	410.4	
MB 480-10643/51	MB 480-10643/51	Total/NA	Water	410.4	
LCS 480-10643/52	LCS 480-10643/52	Total/NA	Water	410.4	
480-3175-1	PW-01	Total/NA	Water	410.4	
480-3175-2	KW-02	Total/NA	Water	410.4	

Prep Batch: 10669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10669/1-A	MB 480-10669/1-A	Total/NA	Water	9012A	
480-3175-2	KW-02	Total/NA	Water	9012A	
LCS 480-10669/2-A	LCS 480-10669/2-A	Total/NA	Water	9012A	

Analysis Batch: 10766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10669/1-A	MB 480-10669/1-A	Total/NA	Water	9012A	10669
LCS 480-10669/2-A	LCS 480-10669/2-A	Total/NA	Water	9012A	10669

General Chemistry (Continued)

Analysis Batch: 10766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3175-2	KW-02	Total/NA	Water	9012A	10669

Prep Batch: 10981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10981/1-A	MB 480-10981/1-A	Total/NA	Water	1664A	
LCS 480-10981/2-A	LCS 480-10981/2-A	Total/NA	Water	1664A	
480-3175-1 MS	PW-01	Total/NA	Water	1664A	
480-3175-1	PW-01	Total/NA	Water	1664A	

Analysis Batch: 10984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-10981/1-A	MB 480-10981/1-A	Total/NA	Water	1664A	10981
LCS 480-10981/2-A	LCS 480-10981/2-A	Total/NA	Water	1664A	10981
480-3175-1 MS	PW-01	Total/NA	Water	1664A	10981
480-3175-1	PW-01	Total/NA	Water	1664A	10981

Prep Batch: 11424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-11424/1-A	MB 480-11424/1-A	Total/NA	Water	9012A	
LCS 480-11424/2-A	LCS 480-11424/2-A	Total/NA	Water	9012A	
480-3175-1	PW-01	Total/NA	Water	9012A	

Analysis Batch: 11442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-11424/1-A	MB 480-11424/1-A	Total/NA	Water	9012A	11424
LCS 480-11424/2-A	LCS 480-11424/2-A	Total/NA	Water	9012A	11424
480-3175-1	PW-01	Total/NA	Water	9012A	11424

Prep Batch: 12132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12132/1-A	MB 480-12132/1-A	Total/NA	Water	1664A	
480-3175-2	KW-02	Total/NA	Water	1664A	
LCS 480-12132/2-A	LCS 480-12132/2-A	Total/NA	Water	1664A	

Analysis Batch: 12134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12132/1-A	MB 480-12132/1-A	Total/NA	Water	1664A	12132
480-3175-2	KW-02	Total/NA	Water	1664A	12132
LCS 480-12132/2-A	LCS 480-12132/2-A	Total/NA	Water	1664A	12132

Client Sample ID: PW-01

Lab Sample ID: 480-3175-1

Date Collected: 03/31/11 15:30

Matrix: Water

Date Received: 04/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10560	04/04/11 20:28	DC	TestAmerica Buffalo
Total/NA	Prep	3510C			10767	04/05/11 12:49	KV	TestAmerica Buffalo
Total/NA	Analysis	8270C		1	11285	04/08/11 18:20	KP	TestAmerica Buffalo
Total/NA	Prep	3510C			10702	04/05/11 09:41	KV	TestAmerica Buffalo
Total/NA	Analysis	8082		1	10780	04/05/11 22:04	JM	TestAmerica Buffalo
Total/NA	Prep	7470A			10521	04/02/11 13:00	MM	TestAmerica Buffalo
Total/NA	Analysis	7470A		1	10585	04/02/11 17:03	MM	TestAmerica Buffalo
Total/NA	Prep	3005A			10475	04/04/11 08:35	MM	TestAmerica Buffalo
Total/NA	Analysis	6010B		1	10690	04/04/11 20:05	AH	TestAmerica Buffalo
Total/NA	Analysis	SM 2540C		1	10530	04/02/11 15:48	AP	TestAmerica Buffalo
Total/NA	Analysis	410.4		1	10643	04/04/11 16:18	RL	TestAmerica Buffalo
Total/NA	Prep	1664A			10981	04/06/11 11:30	JR	TestAmerica Buffalo
Total/NA	Analysis	1664A		1	10984	04/06/11 17:02	JR	TestAmerica Buffalo
Total/NA	Prep	9012A			11424	04/09/11 11:20	JE	TestAmerica Buffalo
Total/NA	Analysis	9012A		1	11442	04/09/11 21:40	JR	TestAmerica Buffalo

Client Sample ID: KW-02

Lab Sample ID: 480-3175-2

Date Collected: 03/31/11 16:00

Matrix: Water

Date Received: 04/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10560	04/04/11 20:52	DC	TestAmerica Buffalo
Total/NA	Analysis	8260B	DL	5	10723	04/05/11 13:39	ND	TestAmerica Buffalo
Total/NA	Prep	3510C			10767	04/05/11 12:49	KV	TestAmerica Buffalo
Total/NA	Analysis	8270C		5	11285	04/08/11 18:44	KP	TestAmerica Buffalo
Total/NA	Prep	3510C	DL		10767	04/05/11 12:49	KV	TestAmerica Buffalo
Total/NA	Analysis	8270C	DL	25	11486	04/11/11 11:54	MP	TestAmerica Buffalo
Total/NA	Prep	3510C			10702	04/05/11 09:41	KV	TestAmerica Buffalo
Total/NA	Analysis	8082		1	10780	04/05/11 22:19	JM	TestAmerica Buffalo
Total/NA	Prep	7470A			10521	04/02/11 13:00	MM	TestAmerica Buffalo
Total/NA	Analysis	7470A		1	10585	04/02/11 17:06	MM	TestAmerica Buffalo
Total/NA	Prep	3005A			10475	04/04/11 08:35	MM	TestAmerica Buffalo
Total/NA	Analysis	6010B		1	10690	04/04/11 20:12	AH	TestAmerica Buffalo
Total/NA	Analysis	SM 2540C		1	10530	04/02/11 15:48	AP	TestAmerica Buffalo
Total/NA	Analysis	410.4		1	10643	04/04/11 16:18	RL	TestAmerica Buffalo
Total/NA	Prep	9012A			10669	04/04/11 18:45	ML	TestAmerica Buffalo
Total/NA	Analysis	9012A		1	10766	04/05/11 13:50	JE	TestAmerica Buffalo
Total/NA	Prep	1664A			12132	04/14/11 10:00	JR	TestAmerica Buffalo
Total/NA	Analysis	1664A		1	12134	04/14/11 18:28	JR	TestAmerica Buffalo

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Client Sample ID: TB-03312011
Date Collected: 03/31/11 17:00
Date Received: 04/01/11 09:30

Lab Sample ID: 480-3175-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10560	04/04/11 21:18	DC	TestAmerica Buffalo

Certification Summary

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo		USDA		P330-08-00242
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
1664A	HEM and SGT-HEM	1664A	TAL BUF
410.4	COD	MCAWW	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF

Protocol References:

1664A = EPA-821-98-002

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Technical Services Inc
Project/Site: Nationa Grid Herkimer -

TestAmerica Job ID: 480-3175-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-3175-1	PW-01	Water	03/31/11 15:30	04/01/11 09:30
480-3175-2	KW-02	Water	03/31/11 16:00	04/01/11 09:30
480-3175-3	TB-03312011	Water	03/31/11 17:00	04/01/11 09:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-11561-1896.1
Client Contact: Ms. Deborah Wright	Phone:	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Technical Services Inc				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-437-6100(Tel)	PO #: Purchase Order not requir			
Email: deborah.wright@obg.com	WO #:			
Project Name: Small Waste Disposal Evaluation	Project #: 48003939			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	410.4 - Chemical Oxygen Demand	6010B, 7470A	1664A_Calc - Oil & Grease	8260B - TCL list OLM04.2	8082 - TCL PCBs - OLM04.2	8270C - TCL SVOA - OLM04.2	2540C_Calcd - Total Dissolved Solids	9012A - Local Method	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	S	D	S	A	N	N	N	B	X	
PW-01	3/31/11	1530	G	Water	N	N	X	X	X	X	X	X	X	X	3	
KW-02	3/31/11	1600	G	Water	N	N	X	X	X	X	X	X	X	X	3	
TB-03312011	3/31/11	1700	G	Water	N	N				X					3	FOR IDW: No Analysis, Disposal only (DO NOT ANALYZE IDW.)
HKM-IDW-03312011	3/31/11	1630	G	Water	N	N									3	

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	HKM	03-31-11, 17:55		R English	03-31-11, 17:55	Syr
2	R English	03-31-11 19:00	Syr		4/1/11 0930	
3						

Custody Seals Intact: △ Yes △ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3 @ 1.7

Login Sample Receipt Checklist

Client: O'Brien & Gere Technical Services Inc

Job Number: 480-3175-1

Login Number: 3175

List Number: 1

Creator: Wienke, Robert

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	1 amber bottle was broken/CN empty for PW-01
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	