November 30, 2012

David J. Chiusano, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
12th Floor
625 Broadway
Albany, NY 12233-7013

Re: Subsurface Investigation Report
Cold Spring Former MGP
5 New Street
Cold Spring, New York
NYSDEC Site #340026

Dear Mr. Chiusano:

Please find the enclosed Subsurface Investigation Report prepared by Groundwater & Environmental Services, Inc. (GES), on behalf The New York State Department of Environmental Conservation ["NYSDEC"] regarding the site subsurface boring investigation at the Cold Spring Boat House facility located at 5 New Street in Cold Spring, New York.

Should you have any questions or comments regarding the attached report, please contact the undersigned at (866) 836-5195.

Sincerely,
Groundwater & Environmental Services, Inc.

Donald C. Semon
Remediation Specialist

Paul Lindell
Senior Project Manager

Enclosures

cc: File

Subsurface Investigation Report

Cold Spring Former MGP
NYSDEC Site No. 340026
5 New Street
Cold Spring, New York

November 2012

Prepared for:

David J. Chiusano, P.E.
New York State Department of
Environmental Conservation
Division of Environmental Remediation
12th Floor 625 Broadway
Albany, NY 12233-7013

Prepared by:

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.
Lower Hudson Valley
70 Jon Barrett Road, Suite B, Robin Hill Corp. Park, Patterson, New York

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1.0 INTRODUCTION

Groundwater & Environmental Services, Inc. (GES), on behalf of The New York State Department of Environmental Conservation ["NYSDEC"], has prepared this report summarizing the subsurface boring activities conducted at the Cold Spring Former Manufactured Gas Plant (MGP) Site (Site), located at 5 New Street, in the Village of Cold Spring, Putnam County, New York. These site activities were performed to investigate soil and groundwater conditions beneath the boat house on the property. Activities and results associated with the subsurface investigation have been summarized below.

2.0 BACKGROUND

2.1 Site Description

The Site is located at 5 New Street, in the Village of Cold Spring, New York. The western parcel of the Site is currently being leased to the Cold Spring Boat Club. The eastern portion of the Site is part of a real estate parcel owned by the Village of Cold Spring. The Site formerly was used as a MGP utilizing a "coal carbonization" process to produce gas, which was used for lighting, cooking and heating in homes and businesses. This gas was produced by converting coal to coke and releasing a combustible gas, from approximately 1868 to 1887. In 2006, The NYSDEC classified the site as a Class 2 Hazardous Waste site.

The Site consists of approximately 0.1 acres of land. The Site is located immediately east of the Cold Spring Boat Club. The Hudson River is located approximately 175 feet west/southwest of the Site. The Site is bordered to the west/southwest by a sea wall, a stone wall to the northeast/east and primarily paved with asphalt.

The area surrounding the Site is a combination of residential and commercial properties, along with park land (**Figure 1**). The Site is bordered to the west and southwest by the Hudson River. Located to the east, north and west of the site are residential and commercial properties. Located to the northeast of the site is a vacant lot, currently used by the Village of Cold Spring for overflow parking. In the early 20th century, it is believed that the Site was purchased by William and Gertrude Ladue, and operated as a lumber yard and storage depot. Between the years 1926 and 1928, the Site was reorganized as part of the Cold Spring Lumber Company. The Site was sold to the Village on October 3, 1967.

A summary of the chronology of events for this Site is as follows:

- Historic information on the MGP operation at the Site is sparse, due to the age of the facility. The MGP operated in the mid-to-late 1800's. Activities are assumed to have ceased before 1887.
- The earliest available records, fire insurance maps, dated 1887, indicate that the building on-Site was vacant, and that the MGP was inactive at that time. The New York State Public Service Commission records, which begin in 1907, contain no reference to gas manufacturing operations at the Site, or in the Village of Cold Spring.
- In February 2005, a shallow excavation was performed at One Main Street (the former lumber yard, across the street) and black-stained soil was encountered, which was reported to the NYSDEC as a petroleum spill (Spill #04-12054). Soil samples were collected from four test pits and four soil boring locations, and submitted for laboratory analysis. One test pit sample identified significant subsurface contamination, which was tentatively identified as coal tar. Spill

#04-12054 was closed and the Site was referred to NYSDEC personnel who specialize in coal tar contaminated site investigations.

- Between May 11 and 13, 2005, the NYSDEC conducted a site characterization study. Eleven soil borings were completed and three of the borings were completed as monitoring wells. The June 2005 PSA Report confirmed the existence of the MGP site and recommended a full Remedial Investigation to fully characterize the nature and extent of contamination at the site.
- In April 2007, the Village of Cold Spring applied for admittance into the Environmental Restoration Program (ERP). On April 9, 2007, their application was approved. The Village carried out the Remedial Investigation and alternatives analysis under the ERP.
- In late 2008, the NYSDEC conducted a remedial investigation/feasibility study (RI/FS) to evaluate alternatives for addressing significant threats to human health and the environment.
- The RI was conducted from September to November, 2008. During the investigation, the main contaminant of concern (COC) was identified as coal tar. Coal tar, an oily, dark liquid with a strong odor, is made up of a variety of consituents, specifically volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). The principal VOCs of concern are benzene, toluene, ethylbenzene and xylenes, collectively known as BTEX. The principal SVOCs of concern are a group of compounds known as polycyclic aromatic hydrocarbons, or PAHs. Groundwater samples revealed detections of target VOCs and SVOCs, but below regulatory limits. Samples collected from the subsurface soil contained concentrations of target VOCs and SVOCs. Data collected during the 1999 RI indicated the bulk of the PCE contamination was located in the upper 20 to 30 feet of the aquifer.

2.2 Site Geology and Hydrogeology

Subsurface investigations indicate overburden geology generally consists of fine to coarse sandy and/or gravelly fill material, containing significant quantities of anthropogenic materials such as ash, brick and coal. The fill unit also contains the subsurface remnants of the former MGP structures. The fill deposit ranges in thickness from approximately 3 to 15 feet below grade (fbg), and consists of fine to coarse brown sands, brownish/gray silty sands, and gravelly sands. A continuous clay layer was encountered below the fill unit, ranging in thickness from approximately 2 to 20 feet thick, increasing in thickness in the direction of the Hudson River (west to southwest).

The underlying bedrock is part of the Hudson Highlands physiographic province, which primarily consists of a series of complexly folded and faulted metamorphic and igneous rocks. The depth of bedrock varies from 3 fbg in the southern portion of the Site and rises to 40 feet above the area of the former MGP.

The groundwater table is located approximately 2 to 4 fbg at and downgradient of the Site. At points closest to the Hudson River, groundwater had been measured at less than 2 fbg.

2.3 Potential Sensitive Receptors

- The Hudson River is located approximately one hundred seventy-five (175) feet west/southwest of the Site.
- Residential and commercial properties surround the Site, within a 1,000 foot radius.

3.0 SUBSURFACE INVESTIGATION ACTIVITIES

On October 4 and 5, 2012, GES was on-Site to oversee hand clearing (hand auger) and drilling activities performed by Aquifer Drilling and Testing, Inc. of Mineola, New York (ADT) for six (6) soil boring locations to estimated depths of twelve (12) feet below grade (fbg). Upon completion of the soil boring activities, two of the soil borings were converted to groundwater monitoring wells and surveyed for top of casing (TOC) elevations relative to existing monitoring well TOC elevations onsite. Lastly, select groundwater monitoring wells on the Site were sampled at the request of NYSDEC. The following is a summary of the aforementioned activities.

3.1 Soil Borings

Soil borings were advanced via a GeoProbe 6610DT track-mounted direct-push drill rig at six (6) proposed soil boring locations. **Figure 3** depicts the locations of installed soil borings SB-A through SB-F. Following hand clearing via hand auger at each boring location to 5 feet below grade (fbg), the soil borings were advanced continuously to 3 fbg in soil boring SB-B(1), 7.5 fbg in SB-B(2), 8.5 fbg in SB-F, 9 fbg in SB-E, 10 fbg in SB-D, 11.5 fbg in SB-C and 12 fbg in SB-A. Soil samples from each soil boring were visually classified in the field by a GES geologist according to lithology, sorting, grain size, plasticity and relative moisture content. Based on field observations during the hand auguring activities, the majority of soils encountered between 0 and 5 fbg generally consisted of coarse to fine grained sands and some silt and gravel, medium to dark brown, dry, non-plastic soils containing native fill materials. Observations made during the drilling activities indicate that the majority of soils encountered were black to reddish brown, coarse to medium grained sands and fragmented rocks with some gravel. Groundwater was encountered in each boring location and ranged in depth of approximately 3.5 to 6 fbg. Soil Boring Logs depicting the soil profile at each boring location are included in **Appendix A**. All soil drill cuttings were containerized in drums that are stored on-site awaiting off-site disposal.

A portion of each soil sample collected was placed into a re-sealable plastic bag and field screened for the presence of total volatile organic vapors utilizing a PID after allowing time for headspace to gather. The PID was equipped with a 10.9 eV lamp and was calibrated utilizing ambient air and a 100 ppm isobutylene span gas. Field screening results of the soil samples collected ranged from 0.0 ppm at SB-B(1) (0.33-2 fbg), SB-B(2) (0.33-5 fbg), SB-A (0.33-5 fbg), SB-C (0.33-5 fbg), SB-D (0.33-2 fbg), SB-E (0.33-5 fbg) and SB-F (0.33-5 fbg) to >300 ppm at soil boring SB-F (5-8.5 fbg). PID readings from each field screened sample interval are summarized on the Monitoring Well Completion Logs provided in **Appendix A**. A summary of the field screening results can be found in **Table 1**.

3.2 Groundwater Monitoring Well Installations

Upon completion of the soil boring installation activities, soil borings SB-A and SB-B2 were completed as permanent groundwater monitoring wells (MW-A and MW-B, respectively) using 2-inch diameter Schedule 40 polyvinyl chloride (PVC) slotted screen (0.010 inch) and riser to grade. The annular space between the well screen and the borehole wall was backfilled with clean, well-rounded, No. 1 silica sand, and topped with a hydrated bentonite seal. The remaining annular space was backfilled with silica sand and the groundwater monitoring well was completed with a metal flush-mount protective cover and sealed within the boat house concrete floor. Groundwater monitoring well completion logs can be found in **Appendix A**.

3.3 Groundwater Sampling Procedures

On October 5, 2012, depth to groundwater and depth to product was measured from the top of the PVC casing (TOC) from all accessible groundwater monitoring wells at the Site. Subsequent to the groundwater monitoring well gauging, field sampling personnel collected representative groundwater samples from the accessible Site groundwater monitoring wells (GW-01, GW-02, GW-04, and GW-05). A minimum of three (3) well volumes were purged from each groundwater monitoring well prior to the collection of groundwater samples. Purge water was containerized in drums on site awaiting off-site disposal. Purging and sample collection was accomplished using disposable bailers. Aqueous samples were placed in laboratory-provided glassware, packed on ice in shipping containers, and submitted under proper chain-of-custody to TestAmerica Laboratories of Buffalo, NY.

Equipment used for the groundwater sampling consisted of new, disposable materials, and was properly decontaminated between sample locations. Sampling personnel changed nitrile sampling gloves between each sample location to minimize the potential for sample cross-contamination. Investigative-derived waste (IDW), such as disposable polyethylene tubing and used nitrile gloves, was properly handled as non-hazardous solid waste for disposal.

4.0 SAMPLING RESULTS

4.1 Soil Sampling Results

Soil samples were collected from each soil boring location and submitted to TestAmerica Laboratories of Buffalo, NY for analysis of target compound list (TCL) VOCs via USEPA Method 8260 analysis, TCL SVOCs via USEPA Method 8270 analysis, target analyte list (TAL) metals via USEPA 6000/7000 series analysis, polychlorinated biphenyls (PCBs) via USEPA method 8082 analysis and cyanide via USEPA method 9012 analysis. The site target compound coal tar and its associated chemical compounds, including VOCs and SVOCs, including PAHs, were present in the soil samples collected from all soil borings SB-A through SB-F. Soil borings SB-A through SB-F reported concentrations above the NYSDEC CP-51 Part 375.6 Restricted Use SCOs for Residential and Commercial properties standards. SB-A through SB-F soil analytical data for Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene and Chrysene were reported above the Restricted Use SCOs for Residential and Commercial standards. SB-A through SB-F soil analytical data for Indeno(1,2,3-cd)pyrene and Dibenzo(a,h)anthracene were reported above the Restricted Use SCOs for Residential standards. The highest SVOC concentration was reported in SB-B(2) (5-7.5 fbg) of Benzo(a)anthracene at 30 parts per million (mg/kg). Soil borings SB-A, SB-B(1), SB-C and SB-E reported concentrations of Calcium above the NYSDEC CP-51 Part 375.6 Restricted Use SCOs for Commercial properties standard of 10,000 mg/kg, the highest concentration was reported in SB-A (10-12 fbg) at 17,200 mg/kg. Soil borings SB-A through SB-F reported concentrations of Iron above the NYSDEC CP-51 Part 375.6 Restricted Use SCOs for Commercial properties standard of 2,000 mg/kg, the highest concentration was reported in SB-D (5-10 fbg) at 25,900 mg/kg. The laboratory analytical results are summarized in **Table 5** through **Table 8**. Additional VOCs, SVOCs and metals were detected in the soil samples, but at concentrations below the NYSDEC CP-51 Part 375.6 Restricted Use SCOs criteria. Laboratory analytical results can be found in **Appendix B**.

4.2 Groundwater Sampling Results

Groundwater samples were collected from select groundwater monitoring well locations and submitted to TestAmerica Laboratories of Buffalo, NY for analysis of target compound list (TCL) VOCs via USEPA Method 8260 analysis, TCL SVOCs via USEPA Method 8270 analysis, target analyte list (TAL) metals via USEPA 6000/7000 series analysis, polychlorinated biphenyls (PCBs) via USEPA method 8082 analysis and cyanide via USEPA method 9012 analysis. Groundwater monitoring well GW-01 reported detections of Aluminum, Arsenic, Beryllium, Chromium, Iron, Lead, Manganese and Nickel above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Groundwater Quality Standards (GWQS). Groundwater monitoring wells GW-02, GW-04 and GW-05 also reported detections of Iron and Manganese above GWQS limits of 600 parts per billion (µg/L). Groundwater monitoring well GW-04 reported SVOC PAH compound acenaphthene at 26 µg/L, above the regulatory limit of 20 µg/L. Groundwater monitoring wells GW-01, GW-02, GW-04 and GW-05 also reported detections of VOCs, SVOCs and Metals, but below the NYSDEC TOGS 1.1.1 GWQS. The laboratory analytical results are summarized in **Table 1** through **Table 4**. Laboratory analytical results can be found in **Appendix B**.

5.0 CONCLUSIONS/RECOMMENDATIONS

Between October 4 and 5, 2012, GES advanced six (6) soil borings located at 5 New Street, Cold Spring, NY. Two of the soil borings were converted to groundwater monitoring wells. Soil samples and groundwater samples were collected from the soil borings and accessible monitoring wells, respectively, and submitted to TestAmerica of Buffalo for analyses. The results of the soil sampling efforts revealed concentrations of compounds related to coal tar in all soil borings above NYSDEC CP-51 Part 375.6 Restricted Use SCOs criteria for Residential and Commercial properties. Additionally, the groundwater revealed concentrations of metals and the PAH compound acenaphthene above the NYSDEC TOGS 1.1.1 GQWS.

Based on the visual and laboratory indications of coal tar soil impacts detected beneath the boat house structure, GES recommends additional investigation in this area of the Boat Club property in order to define the extent of these impacts prior to the implementation of a remedial activity at the property. In addition, GES recommends an additional round of groundwater sampling to include the wells within the boat house to identify the extent of groundwater impacts in this vicinity of the Site.

6.0 REFERENCES

1. Cadwell, Donald H. 1989. *Surficial Geologic Map of New York, Lower Hudson Sheet.*
2. Dvirka and Bartilucci Consulting Engineers, October 2009. *Site Investigation / Remedial Alternatives Report* – 5 New Street, Village of Cold Spring, NY.
3. New York State Department of Environmental Conservation. February 2010. *Record of Decision, Cold Spring Former MGP Site.*
4. New York State Museum and Science Service. 1970. *Geologic Map of New York, Lower Hudson Sheet.*

Prepared By:

Donald C. Semon 11/30/12
Donald C. Semon Date
Remediation Specialist

Reviewed By:

Paul Lindell 11/30/12
Paul Lindell Date
Senior Project Manager

FIGURES

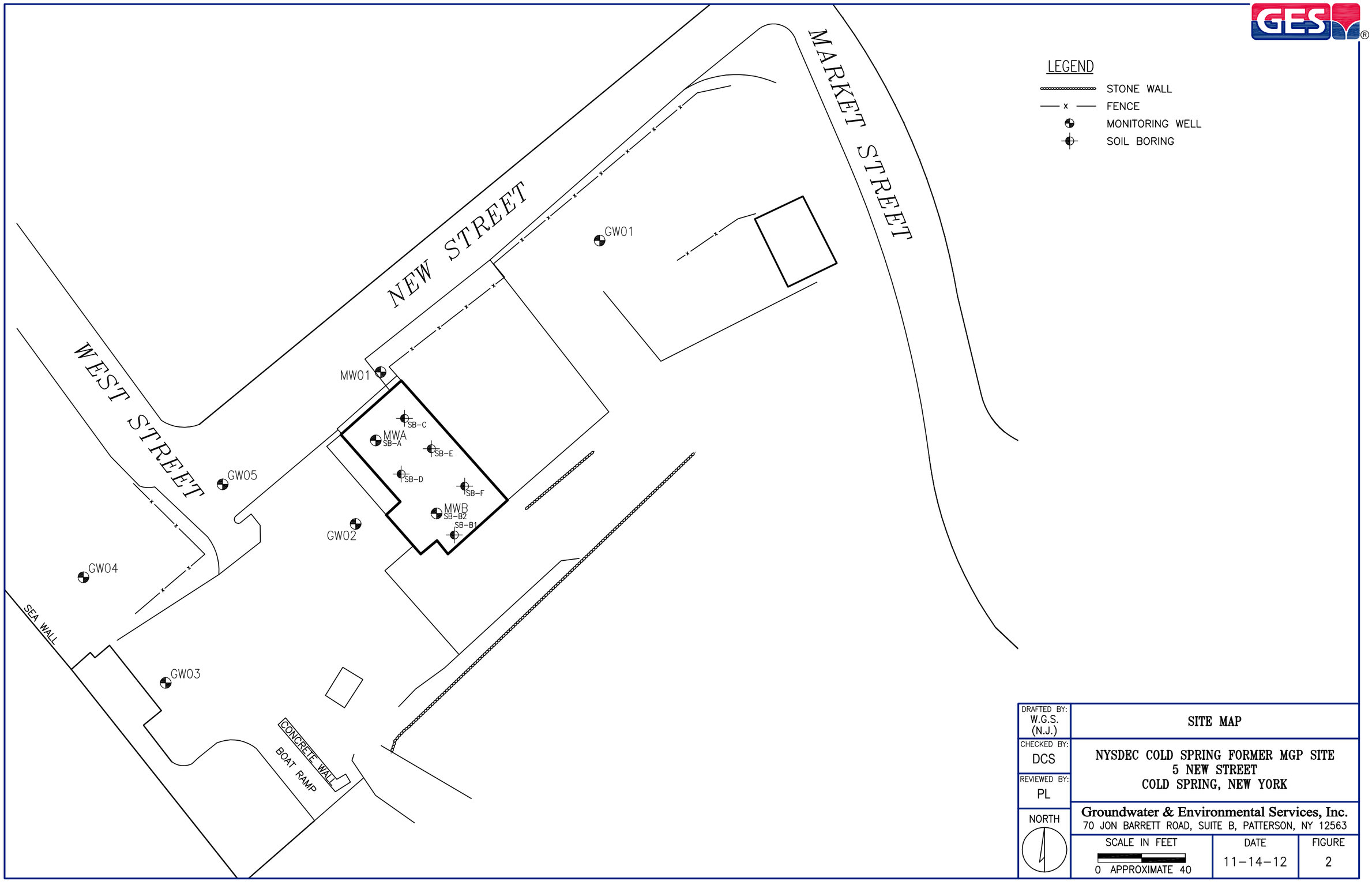
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1981
WEST POINT, NEW YORK
CONTOUR INTERVAL = 20'

QUADRANGLE LOCATION

DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY:	NYSDEC COLD SPRING FORMER MGP SITE 5 NEW STREET COLD SPRING, NEW YORK
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 70 JON BARRETT ROAD, ROBIN HILL CORP. PARK, PATTERSON, NY 12563

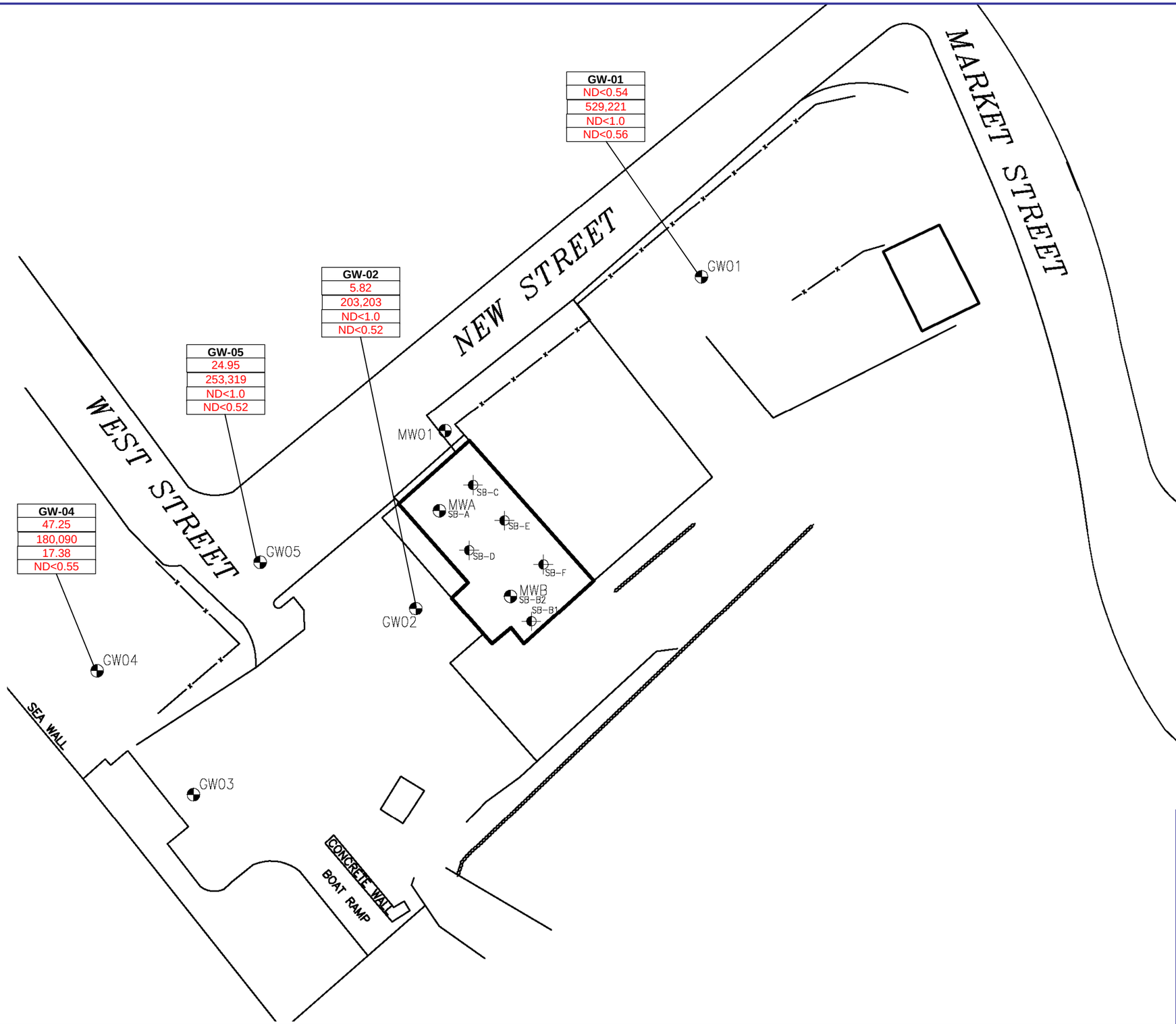
SCALE IN FEET	DATE	FIGURE
0 2000	11-14-12	1

M:\Graphics\1100-Patterson-LHVMisc\NYSDEC\Cold Spring\Cold Spring SLM.dwg, Layout1, WShea



DRAFTED BY: W.G.S. (N.J.)	SITE MAP
CHECKED BY: DCS	NYSDEC COLD SPRING FORMER MGP SITE 5 NEW STREET COLD SPRING, NEW YORK
REVIEWED BY: PL	Groundwater & Environmental Services, Inc. 70 JON BARRETT ROAD, SUITE B, PATTERSON, NY 12563
NORTH	SCALE IN FEET: 0 APPROXIMATE 40 / DATE: 11-14-12 / FIGURE: 2

M:\Graphics\1100-Patterson-LHV\Misc\NYSDEC\Cold Spring\Cold Spring SM.dwg, B-40, WShea



LEGEND

- STONE WALL
- FENCE
- MONITORING WELL
- SOIL BORING

GW-01	MONITORING WELL ID
1,100	TOTAL SVOC - PAH CONCENTRATION (µg/L)
ND<2.0	TOTAL METALS CONCENTRATION (µg/L)
GW-01	TOTAL VOC CONCENTRATION (µg/L)
1,100	TOTAL PCB CONCENTRATION (µg/L)

NOTES

ND	-Not detected
µg/L	-Micrograms/liter
SVOC	-Semi-volatile Organic Compound
PAH	-Polycyclic Aromatic Hydrocarbon
VOC	-Volatile Organic Compound
PCB	-Polychlorinated biphenyls

DRAFTED BY: WGS

CHECKED BY: DCS

REVIEWED BY: PL

NORTH

GROUNDWATER MONITORING MAP
October 5, 2012

NYSDEC COLD SRPING FORMER MGP SITE
5 NEW STREET
COLD SPRING, NEW YORK

Groundwater & Environmental Services, Inc.
70 JON BARRETT ROAD, SUITE B, PATTERSON, NY 12563

SCALE IN FEET: 0 Approximate 30

DATE: 11-09-12

FIGURE: 3

L:\Administrative_Staff Folders\Jeff's Files\Base Maps\Basemap Template 2.doc

TABLES

Table 1

GROUNDWATER ANALYTICAL DATA - METALS (Detections Only)

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Aluminum (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Calcium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Reactive Cyanide (µg/L)	Sodium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
NYSDEC TOGS 1.1.1 GWQS					**2,000**	**50**	**2,000**	**3**	**10**	**NA**	**100**	**NA**	**1,000**	**600**	**50**	**NA**	**600**	**1.4**	**200**	**NA**	**400**	**NA**	**NA**	**5,000**
GW-01	10/05/2012	6.82	2.10	4.7	106,000	57	590	6.1	1.4	67,700	580	95	280	190,000	130	43,300	3,100 B	0.56	240	14,400	11	102,000	150	580
GW-02	10/05/2012	6.04	3.08	2.96	150 J	ND<10	110	ND<2.0	ND<1	113,000	ND<4	1.4 J	3.8 J	4,400	3.9 J	16,100	1,200 B	ND<0.2	2.2 J	6,500	13	61,700	4.5 J	14
GW-04	10/05/2012	4.31	2.05	2.26	740	ND<10	140	ND<2.0	60	62,400	1.6 J	0.94 J	49	6,600	9.3	10,900	1,200 B	ND<0.2	20	3,800	ND<10	94,100	6.2	63
GW-05	10/05/2012	5.26	2.44	2.82	1,100	ND<10	89	ND<2.0	ND<1	66,600	1.5 J	ND<4	5.4 J	4,600	3.7 J	12,300	1,000 B	ND<0.2	1.5 J	5,600	ND<10	162,000	4.2 J	14

Notes:

ft = Feet
GWQS = Ground Water Quality Standard
B = Compound was found in the blank and sample
J = Estimated Concentration
µg/L = Micrograms/Liter
NA = Not Available or Not Analyzed for that specific compound
ND = Not Detected (# is method detection limit)
TOGS 1.1.1 = Technical and Operational Guidance Series 1.1.1

Table 2

SOIL ANALYTICAL DATA - PCBs

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)	Aroclor 1248 (µg/L)	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)
NYSDEC TOGS 1.1.1 GWQS					**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
GW-01	10/05/2012	6.82	2.10	4.7	ND<0.56	ND<0.56	ND<0.56	ND<0.56	ND<0.56	ND<0.56	ND<0.56
GW-02	10/05/2012	6.04	3.08	2.96	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52
GW-04	10/05/2012	4.31	2.05	2.26	ND<0.55	ND<0.55	ND<0.55	ND<0.55	ND<0.55	ND<0.55	ND<0.55
GW-05	10/05/2012	5.26	2.44	2.82	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52	ND<0.52

Notes:

ft = Feet
GWQS = Ground Water Quality Standard
µg/L = Micrograms/Liter
NA = Not Available or Not Analyzed for that specific compound
ND = Not Detected (# is method detection limit)
TOGS 1.1.1 = Technical and Operational Guidance Series 1.1.1

Table 3

GROUNDWATER ANALYTICAL DATA - SVOCs (Detections Only)

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Polycyclic Aromatic Hydrocarbons (PAHs)								
					2-Methyl naphthalene (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
NYSDEC TOGS 1.1.1 GWQS					**NA**	**NA**	**20**	**50**	**50**	**50**	**10**	**50**	**50**
GW-01	10/05/2012	6.82	2.10	4.7	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4	ND<5.4
GW-02	10/05/2012	6.04	3.08	2.96	ND<5.2	ND<5.2	4.2 J	ND<5.2	ND<5.2	ND<5.2	ND<5.2	0.52 J	1.1 J
GW-04	10/05/2012	4.31	2.05	2.26	0.80 J	0.55 J	26	1.7 J	ND<5.4	3.6 J	7.4	5.7	1.5 J
GW-05	10/05/2012	5.26	2.44	2.82	ND<5.1	0.58 J	17	0.29 J	0.67 J	0.73 J	3.1 J	0.48 J	2.1 J

Notes:

ft	= Feet
µg/L	= Micrograms/Liter
GWQS	= Ground Water Quality Standard
J	= Estimated Concentration
NA	= Not Available or Not Analyzed for that specific compound
ND	= Not Detected (# is method detection limit)
TOGS 1.1.1	= Technical and Operational Guidance Series 1.1.1

Table 4

GROUNDWATER ANALYTICAL DATA - VOCs

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS 1.1.1 GWQS					**1**	**5**	**5**	**5**	**NA**	**10**
GW-01	10/05/2012	6.82	2.10	4.7	ND<1.0	ND<1.0	ND<1.0	ND<2.0	BDL	ND<1.0
GW-02	10/05/2012	6.04	3.08	2.96	ND<1.0	ND<1.0	ND<1.0	ND<2.0	BDL	ND<1.0
GW-04	10/05/2012	4.31	2.05	2.26	0.98 J	ND<1.0	3.3	4.4	8.7	ND<1.0
GW-05	10/05/2012	5.26	2.44	2.82	ND<1.0	ND<1.0	ND<1.0	ND<2.0	BDL	ND<1.0

Notes:

ft	= Feet
µg/L	= Micrograms/Liter
BDL	= Below detection limits
BTEX	= Benzene, toluene, ethylbenzene, xylenes
GWQS	= Ground Water Quality Standard
J	= Estimated Concentration
MTBE	= Methyl Tertiary Butyl Ether
NA	= Not Available or Not Analyzed for that specific compound
ND	= Not Detected (# is method detection limit)
TOGS 1.1.1	= Technical and Operational Guidance Series 1.1.1

Table 5

SOIL ANALYTICAL DATA - METALS (Detections Only)

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Soil Sample ID	Date	Depth (ft)	Aluminum (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Reactive Cyanide (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
375-6.8(b): Restricted Use Soil Cleanup Objectives - Residential			**NA**	**16**	**400**	**72**	**4.3**	**NA**	**110**	**NA**	**270**	**NA**	**400**	**NA**	**2,000**	**0.81**	**310**	**NA**	**NA**	**180**	**180**	**NA**	**NA**	**NA**	**10,000**
375-6.8(b): Restricted Use Soil Cleanup Objectives - Commercial			**NA**	**16**	**400**	**590**	**9.3**	**10,000**	**400**	**NA**	**270**	**2,000**	**1,000**	**NA**	**10,000**	**2.8**	**310**	**NA**	**NA**	**1,500**	**1,500**	**NA**	**NA**	**NA**	**10,000**
SB-A	10/04/2012	10-12	11,300	5.4	42.3	0.55	ND<0.25	17,200 B	15.3	10.5 B	25.5	24,700 B^	39.1	6,200 B	514	0.12	22.2 B	1,260	ND<1.2	1 J	ND<0.62	137 J	ND<7.5	17.0	91.6
SB-B1	10/04/2012	2-3	7,090	6.3	87.9	0.55	0.11	12,900 B	12	7.3 B	34.2	16,400 B^	225	5,520 B	365	0.27	14.5 B	970	0.79 B	1.1 J	ND<0.49	255	0.31 J	18.2	147
SB-B2	10/04/2012	5-7.5	6,490	3.4	22	0.33	ND<0.21	4,720 B	5.2	8.2 B	12.3	13,600	9.2	3,610 B	225	0.085	14.5 B	780	12.6	0.61 J	ND<0.52	128 J	ND<6.3	9.8	35.9
SB-C	10/05/2012	10-11.5	9,780	5.9	88.2	0.56	ND<0.22	15,500 B	14.7	7.7 B	23.3	21,000 B^	50.5	7,650 B	525	0.063	18.8 B	1,090	0.57	0.79 J	ND<0.55	152 J	ND<6.6	21.0	102
SB-D	10/04/2012	5-10	10,800	2.6	48	0.50	ND<0.24	2,100 B	17.1	12.2 B	15.6	25,900 B^	6.3	7,350 B	211	ND<0.023	22 B	3,760	0.58	ND<4.7	ND<0.59	224	ND<7.1	34.5	58.1
SB-E	10/05/2012	5-9	6,430	12.5	192	0.54	ND<0.22	12,500 B	15.2	6.4 B	37.6	15,600	347	3,010 B	340	1.1	14.5 B	727	1.2 B	1.3 J	0.23 J	249	ND<6.7	16.9	177
SB-F	10/05/2012	5-8.5	11,200	3.8	81.3	0.52	ND<0.23	3,370 B	17.9	10 B	28.3	20,500 B^	27.1	6,440 B	440	0.054	17.7 B	3,380	1.7 B	ND<4.7	ND<0.59	363	ND<7.0	27.8	64.6

Notes:

ft = Feet
mg/kg = Milligrams/Kilogram
J = Estimated Concentration
B = Compound was found in the blank and sample
ND = Not Detected (# is method detection limit)
NA = Not Available or Not Analyzed for that specific compound

Table 6

SOIL ANALYTICAL DATA - PCBs

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Soil Sample ID	Date	Depth (ft)	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)
375-6.8(b): Restricted Use Soil Cleanup Objectives - Residential			**1**	**1**	**1**	**1**	**1**	**1**	**1**
375-6.8(b): Restricted Use Soil Cleanup Objectives - Commercial			**10**	**10**	**10**	**10**	**10**	**10**	**10**
SB-A	10/04/2012	10-12	ND<0.24	ND<0.24	ND<0.24	ND<0.24	ND<0.24	ND<0.24	ND<0.24
SB-B1	10/04/2012	2-3	ND<0.22	ND<0.22	ND<0.22	ND<0.22	ND<0.22	ND<0.22	ND<0.22
SB-B2	10/04/2012	5-7.5	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20
SB-C	10/05/2012	10-11.5	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21
SB-D	10/04/2012	5-10	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21	ND<0.21
SB-E	10/05/2012	5-9	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23	ND<0.23
SB-F	10/05/2012	5-8.5	ND<0.29	ND<0.29	ND<0.29	ND<0.29	ND<0.29	ND<0.29	ND<0.29

Notes:

ft = Feet
mg/kg = Milligrams/Kilogram
ND = Not Detected (# is method detection limit)
PCBs = Polychlorinated Biphenyls

Table 7

SOIL ANALYTICAL DATA - SVOCs

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Soil Sample ID	Date	Depth (ft)	Biphenyl (mg/kg)	Carbazole (mg/kg)	Dibenzofuran (mg/kg)	Polycyclic Aromatic Hydrocarbons (PAHs)															
						2-Methyl naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a) anthracene (mg/kg)	Benzo(a) pyrene (mg/kg)	Benzo(b) fluoranthene (mg/kg)	Benzo(g,h,i) perylene (mg/kg)	Benzo(k) fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h) anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
375-6.8(b): Restricted Use Soil Cleanup Objectives - Residential			**NA**	**NA**	**NA**	**NA**	**100**	**100**	**100**	**1**	**1**	**1**	**100**	**3.9**	**3.9**	**0.33**	**100**	**100**	**0.5**	**100**	**100**	**100**
375-6.8(b): Restricted Use Soil Cleanup Objectives - Commercial			**NA**	**NA**	**NA**	**NA**	**500**	**500**	**500**	**5.6**	**1**	**5.6**	**500**	**5.6**	**5.6**	**5.6**	**500**	**500**	**5.6**	**500**	**500**	**500**
SB-A	10/04/2012	10-12	0.12 J	ND<0.16	0.065 J	0.12	0.19	0.33	0.35	1.6	1.2	1.2	0.38	0.37	1.6	ND<0.021	1.8	0.25	0.27	0.27	0.94	3.8
SB-B1	10/04/2012	2-3	ND<2.6	4.9	3.7	2.7	2.4	2.3	4.9	19	19	29	8.3	10	24	2.8	55	3.1	7.6	6.7	46	46
SB-B2	10/04/2012	5-7.5	7.3	8	20	31	8.8	22	39	30	20	24	4.7	9.2	26	2.8	57	39	5	37	110	55
SB-C	10/05/2012	10-11.5	0.78	0.31	0.14 J	1.4	0.31	2.2	3.1	1.5	1.2	0.99	0.38	0.33	1.5	ND<0.038	1.6	2.4	0.28	1.1	6	3.8
SB-D	10/04/2012	5-10	5.8	ND<1.4	3.7	2.6	2.4	18	14	12	7.7	6.9	2.2	2.9	11	0.91	16	14	1.7	2.4	46	29
SB-E	10/05/2012	5-9	2.6 J	ND<3	1.8 J	1.5	2.1	7.2	10	15	13	15	4.1	4.9	15	1.7	22	7.9	3.7	2.9	33	32
SB-F	10/05/2012	5-8.5	4.4	ND<3.3	2 J	31	1.6	14	8.5	7	5.4	5.3	1.4	2	7.4	ND<0.43	12	8.2	1.5	56	34	18

Notes:

µg/L	= Micrograms/Liter
GWQS	= Ground Water Quality Standard
J	= Estimated Concentration
NA	= Not Available or Not Analyzed for that specific compound
ND	= Not Detected (# is method detection limit)

Table 8

SOIL ANALYTICAL DATA - VOCs

NYSDEC - Cold Spring MGP
5 New Street
Cold Spring, New York

Soil Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	MTBE (mg/kg)	Isopropyl Benzene (mg/kg)	2-Butanone (MEK) (mg/kg)	Acetone (mg/kg)	Methyl cyclohexane (mg/kg)
375-6.8(b): Restricted Use Soil Cleanup Objectives - Residential			**4.8**	**100**	**41**	**100**	**NA**	**100**	**NA**	**NA**	**100**	**NA**
375-6.8(b): Restricted Use Soil Cleanup Objectives - Commercial			**44**	**500**	**390**	**500**	**NA**	**500**	**NA**	**NA**	**500**	**NA**
SB-A	10/04/2012	10-12	ND<0.0066	ND<0.0066	0.00086 J	0.014	0.015	ND<0.0066	0.0046 J	0.01 J	0.048	ND<0.0066
SB-B1	10/04/2012	2-3	ND<0.0053	ND<0.0053	ND<0.0053	ND<0.011	BDL	ND<0.0053	ND<0.0053	ND<0.026	ND<0.026	ND<0.0053
SB-B2	10/04/2012	5-7.5	0.0049 J	0.0046 J	0.15	0.18	0.34	ND<0.0055	0.098	0.011 J	0.054	0.0035 J
SB-C	10/05/2012	10-11.5	ND<0.0053	ND<0.0053	0.0051 J	0.0084 J	0.0135	ND<0.0053	0.0044 J	0.003 J	0.02 J	ND<0.0053
SB-D	10/04/2012	5-10	0.0021 J	0.0018 J	0.0052 J	0.0043 J	0.0134	ND<0.0059	0.033	ND<0.03	0.0093 J	0.0088
SB-E	10/05/2012	5-9	0.012	0.0049 J	0.19	0.23	0.44	ND<0.0059	0.075	0.005 J	0.028 J	0.0062
SB-F	10/05/2012	5-8.5	0.15	0.035	2.3	3.2	5.7	ND<0.0063	0.16	0.029 J	0.12	0.0044 J

Notes:

BTEX	= Benzene, toluene, ethylbenzene, xylenes
J	= Estimated Concentration
mg/kg	= Milligrams/Kilogram
MTBE	= Methyl Tertiary Butyl Ether
BDL	= Below Detectable Limit
ND	= Not Detected (# is method detection limit)

APPENDIX A

Soil Boring Completion Logs

Soil Boring/Monitoring Well Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-A/MW-A**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	Regulatory Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/4/12**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/4/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **6620 DT - Geoprobe**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Lattitude: **NA**	Longitude: **NA**	Top of Bentonite Seal: **0.5 fbg**
Surface Elevation: **6.53 ft.**	Borehole Diameter: **3 in.**	Type of Seal: **Bentonite Chips**
Total Depth: **12 fbg**	Well Diameter: **2 in.**	Top of Sand: **2 fbg**
Refusal Depth: **12 fbg**	Riser Length: **3 ft.**	Sand Type: **#1 Sand**
Initial Depth to Water: **~5 fbg**	Screen Slot Size: **0.01 in.**	Well Material Type: **Schedule 40 PVC**
Static Depth to Water: **3.20 fbg**	Screen Length: **5 ft.**	Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 6000	Blow Counts 1 50	Geologic Description	Comments	Well Completion Detail
0	0-0.5'				ASPHALT: Building floor.		Manway
	0.5'-2'		0.0		SW: Medium to coarse sand and gravel, red-brown, and dry.		Well Pad, Well Cap, Concrete Cap
	2'-3'		0.0		SW: Medium to coarse sand and gravel, red-brown, and dry.		Bentonite Seal
	3'-5'		0.0		SW: Medium to coarse sand and gravel, red-brown, and dry.		PVC Riser
5	5'-10'	13 in.	8.4	No Blow Counts Recorded	SW: Coarse sand with weathered rock, brown, and wet.		Sandpack, 10 slot screen
10	10'-12'	24 in.	10.2		SW: Medium to coarse sand and gravel, dark brown, and wet.	Laboratory Sample SB-A (10-12 fbg)	
					REFUSAL		

Proportions Used:

Trace = <5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = >40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.
General Text here, site specific
General Text II, details

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

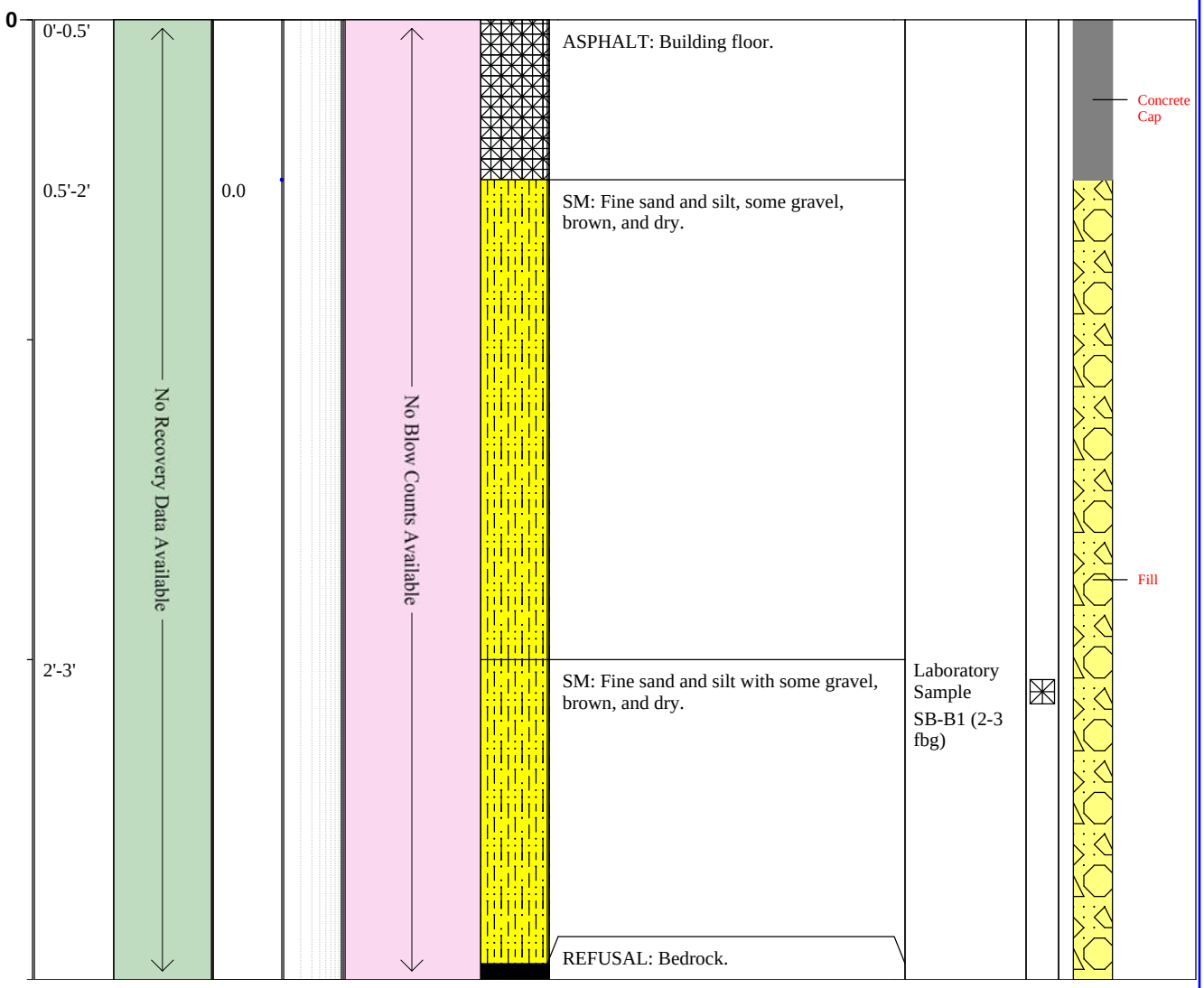
Apparent Water Level
Lab Sample Location

Soil Boring Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-B1**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	NYSDEC Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/4/12**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/4/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **Geoprobe 6100-DT**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Borehole Diameter: **3 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **3 fbg**	Depth to Water: **NA**	Backfill Material: **Sand**
Refusal Depth: **3 fbg**	Well Diameter: **NA**	Abandonment Completion Date: **10/4/12**



Proportions Used:

Trace =	<5%
Few =	5-10%
Little =	10-20%
Some =	20-30%
Adjective =	30-40%
And =	>40%

Notes:

NA = not available; fbg. = feet below grade

in. = inches; ft.= feet; ppm.= parts per million

Soil Lithologies based on field observations only.

General Text here, site specific

Insert Foot notes

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level

Lab Sample Location

Soil Boring/Monitoring Well Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-B2/MW-B**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	Regulatory Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/4/12**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/4/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **6620 DT - Geoprobe**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Lattitude: **NA**	Longitude: **NA**	Top of Bentonite Seal: **0.5 fbg**
Surface Elevation: **6.29 ft.**	Borehole Diameter: **3 in.**	Type of Seal: **Bentonite Chips**
Total Depth: **7.5 fbg**	Well Diameter: **2 in.**	Top of Sand: **2 fbg**
Refusal Depth: **7.5 fbg**	Riser Length: **3 ft.**	Sand Type: **#1 Sand**
Initial Depth to Water: **~5 fbg**	Screen Slot Size: **0.01 in.**	Well Material Type: **Schedule 40 PVC**
Static Depth to Water: **3.89 fbg**	Screen Length: **4 ft.**	Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 500	Blow Counts 1 50	Geologic Description	Comments	Well Completion Detail
0	0-0.5'			No Blow Counts Recorded	ASPHALT: Building floor.		Manway, Well Pad, Well Cap, Concrete Cap, Bentonite Seal, PVC Riser
	0.5'-2'		0.0		SM: Fine sand and silt with gravel, brown, and dry.		
	2'-3'		0.0		SM: Fine sand and silt with gravel, brown, and dry.		
	3'-5'		0.0		SM: Fine sand and silt with gravel, dark brown, and moist.		
5	5'-7.5'	12 in.	151		SW: Coarse sand and gravel, wet, and black with noted sheen.	Laboratory Sample SB-B2 (5-7.5 fbg)	Sandpack, 10 slot screen
					REFUSAL		

Proportions Used:

Trace = <5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = >40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.
General Text here, site specific
General Text II, details

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

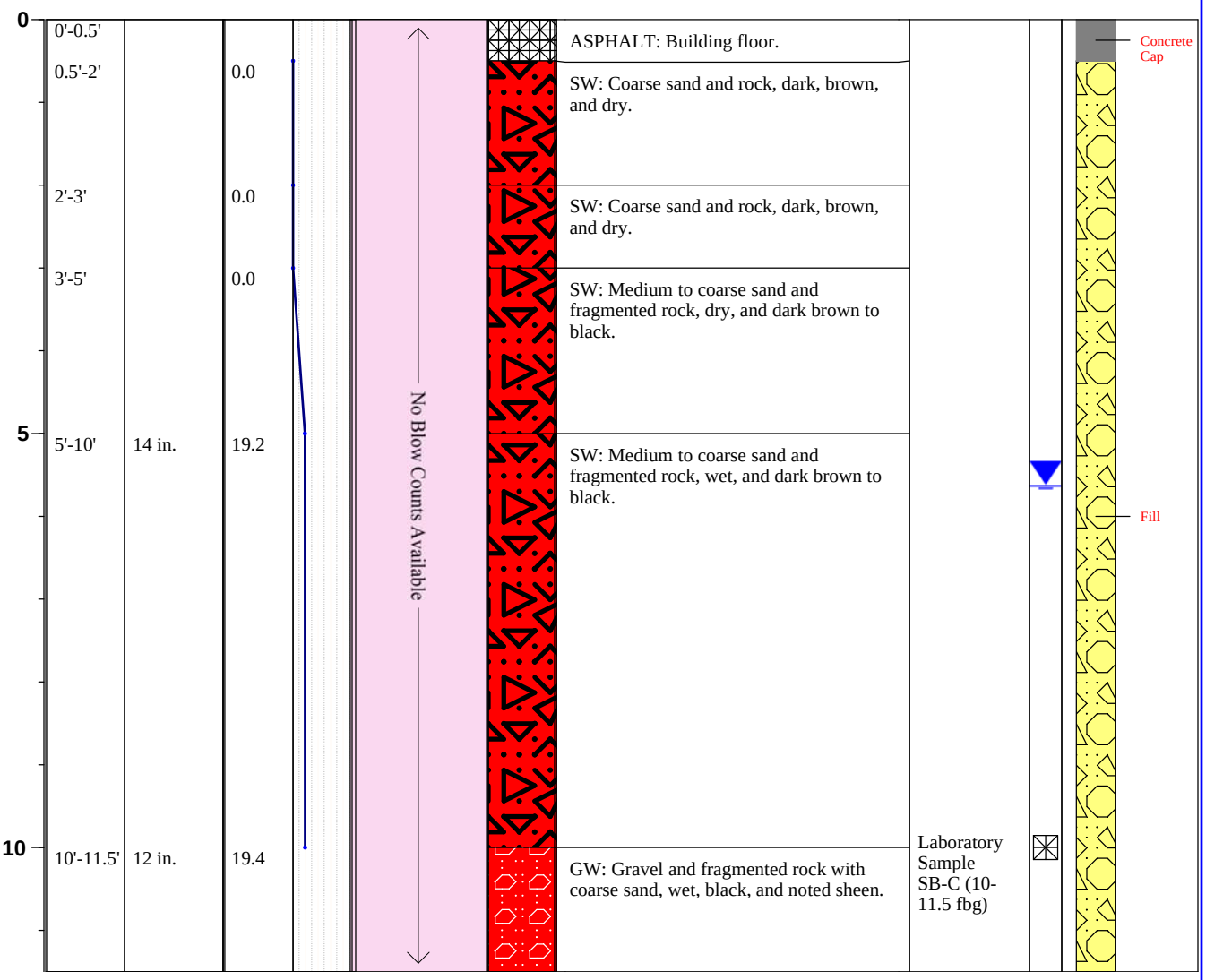
Apparent Water Level
Lab Sample Location

Soil Boring Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-C**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	NYSDEC Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/5/12**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/5/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **Geoprobe 6100-DT**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Borehole Diameter: **3 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **11.5 fbg**	Depth to Water: **~5 fbg**	Backfill Material: **Sand**
Refusal Depth: **11.5 fbg**	Well Diameter: **NA**	Abandonment Completion Date: **10/5/12**



Proportions Used:

Trace =	<5%
Few =	5-10%
Little =	10-20%
Some =	20-30%
Adjective =	30-40%
And =	>40%

Notes:

NA = not available; fbg. = feet below grade

in. = inches; ft.= feet; ppm.= parts per million

Soil Lithologies based on field observations only.

General Text here, site specific

Insert Foot notes

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level

Lab Sample Location

Soil Boring Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-D**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	NYSDEC Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/4/12**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/4/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **Geoprobe 6100-DT**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Borehole Diameter: **3 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **10 fbg**	Depth to Water: **~5 fbg**	Backfill Material: **Sand**
Refusal Depth: **10 fbg**	Well Diameter: **NA**	Abandonment Completion Date: **10/4/12**

Proportions Used:

Trace =	<5%
Few =	5-10%
Little =	10-20%
Some =	20-30%
Adjective =	30-40%
And =	>40%

Notes:

NA = not available; fbg. = feet below grade

in. = inches; ft.= feet; ppm.= parts per million

Soil Lithologies based on field observations only.

General Text here, site specific

Insert Foot notes

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level

Lab Sample Location

Soil Boring Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-E**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	NYSDEC Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/5/12**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/5/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **Geoprobe 6100-DT**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Borehole Diameter: **3 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **9 fbg**	Depth to Water: **NA**	Backfill Material: **Sand**
Refusal Depth: **9 fbg**	Well Diameter: **NA**	Abandonment Completion Date: **10/5/12**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 0 100	Blow Counts 1 20	Geologic Description	Comments	Abandonment Detail
0	0'-0.5'				ASPHALT: Building floor.		Concrete Cap
	0.5'-2'		0.0	No Blow Counts Available	SW: Coarse sand and rock, brown, and dry.		
	2'-5'		0.0		SW: Fine to medium sand and silt, gravel, black, and dry.		
5	5'-9'	15 in.	53.2		SW: Fragmented rock with some medium to coarse sand, black with noted sheen.	Laboratory Sample SB-E (5-9 fbg)	Fill
					REFUSAL		

Proportions Used:

Trace =	<5%
Few =	5-10%
Little =	10-20%
Some =	20-30%
Adjective =	30-40%
And =	>40%

Notes:

NA = not available; fbg. = feet below grade

in. = inches; ft.= feet; ppm.= parts per million

Soil Lithologies based on field observations only.

General Text here, site specific

Insert Foot notes

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level

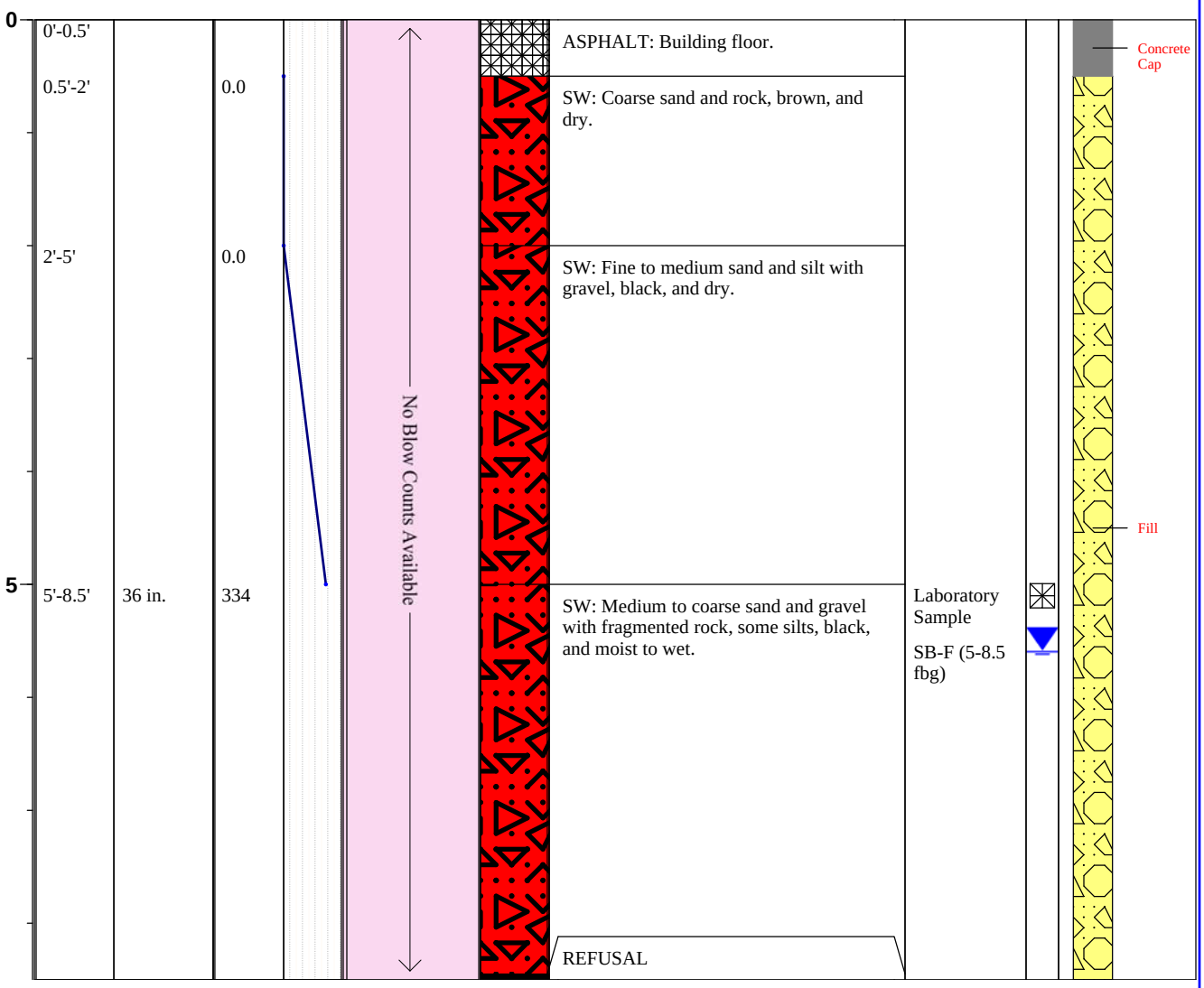
Lab Sample Location

Soil Boring Completion Log

Groundwater & Environmental Services, Inc.

ID NO. **SB-F**

Project: **Cold Spring Boat House**	Client: **NYSDEC**	Regulatory Case #: **340026**
Address: **5 New St., Cold Spring, NY**	GES Job #: **1102342**	NYSDEC Case Mgr: **David Chiusano**
County: **Putnam**	GES Project Mgr: **Paul Lindell**	Permit #: **NA**
Logged By: **Christina Anello**	Date Drilled: **10/5/12**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **ADT**	Completion Date: **10/5/12**	Split Spoon/Acetate Sleeve Length: **5 ft.**
Drill Operator: **Marty**	Drilling Method: **Direct Push**	Soil Classification System: **USCS/Burmister**
Drill Rig Type: **Geoprobe 6100-DT**	Sampling Method: **Macro Core**	Field Screening: **PID 10.9 eV Lamp (ppm)**
Borehole Diameter: **3 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **8.5 fbg**	Depth to Water: **~5 fbg**	Backfill Material: **Sand**
Refusal Depth: **8.5 fbg**	Well Diameter: **NA**	Abandonment Completion Date: **10/5/12**



Proportions Used:

Trace =	<5%
Few =	5-10%
Little =	10-20%
Some =	20-30%
Adjective =	30-40%
And =	>40%

Notes:

NA = not available; fbg. = feet below grade

in. = inches; ft.= feet; ppm.= parts per million

Soil Lithologies based on field observations only.

General Text here, site specific

Insert Foot notes

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level

Lab Sample Location

APPENDIX B

Laboratory Analytical Results

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: 480-26313-1
Client Project/Site: Cold Spring MGP #340026

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, New York 12233

Attn: Mr. Dave Chiusano

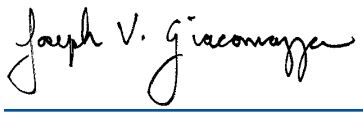
Joseph V. Giacomazza

Authorized for release by:
10/29/2012 11:35:22 AM
Joe Giacomazza
Project Administrator
joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman
Project Manager II
sally.hoffman@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Administrator
10/29/2012 11:35:22 AM

Table of Contents

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
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the blank.
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
B	Compound was found in the blank and sample.
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
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-26313-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-26313-1

Receipt
The samples were received on 10/9/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 2.9º C, 4.0º C, 4.8º C, 4.9º C, 5.2º C and 5.3º C.

GC/MS VOA
Method 8260B: The following sample was analyzed at 0.5 gram dilution to bring the concentration of target analytes within the calibration range: SB-F (5-8.5 FBG) (480-26313-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following samples contained one acid and/or one base surrogate outside acceptance limits: GW-01 (480-26313-1), GW-02 (480-26313-2), GW-04 (480-26313-3). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The following samples contained one acid and/or one base surrogate outside acceptance limits: GW-05 (480-26313-4). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method 7471A: The following sample was diluted to bring the concentration of the target analyte total mercury within the calibration range: SB-E (5-9 FBG) (480-26313-10). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
Method 3510C: The following samples formed emulsions during the extraction procedure: GW-01 (480-26313-1). The emulsions were broken up using a centrifuge.

No other analytical or quality issues were noted.

General Chemistry
Method(s) 335.4, 9012A: The method blank for batch 84874 contained 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.SB-B1 (2-3 FBG) (480-26313-5), SB-E (5-9 FBG) (480-26313-10), SB-F (5-8.5 FBG) (480-26313-9)

Method(s) 9012A: The method blank for batch 85980 contained cyanide above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.SB-C (10-11.5 FBG) (480-26313-11), SB-D (5-10 FBG) (480-26313-7)

No other analytical or quality issues were noted.

Organic Prep

Job ID: 480-26313-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 3510C: The following samples formed emulsions during the extraction procedure: GW-01 (480-26313-1). The emulsions were broken up using a centrifuge.

No other analytical or quality issues were noted.

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-01
Date Collected: 10/05/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-1
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			10/10/12 17:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/12 17:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/12 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/12 17:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/12 17:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/12 17:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/12 17:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/12 17:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/12 17:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/12 17:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/12 17:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/12 17:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/12 17:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/12 17:55	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/12 17:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/12 17:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/12 17:55	1
Acetone	ND		10	3.0	ug/L			10/10/12 17:55	1
Benzene	ND		1.0	0.41	ug/L			10/10/12 17:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/12 17:55	1
Bromoform	ND		1.0	0.26	ug/L			10/10/12 17:55	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/12 17:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/12 17:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/12 17:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/12 17:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/12 17:55	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/12 17:55	1
Chloroform	**2.6**		1.0	0.34	ug/L			10/10/12 17:55	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/12 17:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/12 17:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/12 17:55	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/12 17:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/12 17:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/12 17:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/12 17:55	1
Methyl acetate	ND		1.0	0.50	ug/L			10/10/12 17:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/12 17:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/12 17:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/12 17:55	1
Styrene	ND		1.0	0.73	ug/L			10/10/12 17:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/12 17:55	1
Toluene	ND		1.0	0.51	ug/L			10/10/12 17:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/12 17:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/12 17:55	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/12 17:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/12 17:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/12 17:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/12 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*10/10/12 17:55*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-01
Date Collected: 10/05/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-1
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*71 - 126*		*10/10/12 17:55*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*10/10/12 17:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.4	0.70	ug/L		10/10/12 16:47	10/12/12 22:08	1
bis (2-chloroisopropyl) ether	ND		5.4	0.56	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4,5-Trichlorophenol	ND		5.4	0.51	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4,6-Trichlorophenol	ND		5.4	0.65	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,4-Dinitrotoluene	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:08	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Chloronaphthalene	ND		5.4	0.49	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Chlorophenol	ND		5.4	0.57	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Methylnaphthalene	ND		5.4	0.64	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Methylphenol	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Nitroaniline	ND		11	0.45	ug/L		10/10/12 16:47	10/12/12 22:08	1
2-Nitrophenol	ND		5.4	0.51	ug/L		10/10/12 16:47	10/12/12 22:08	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:08	1
3-Nitroaniline	ND		11	0.51	ug/L		10/10/12 16:47	10/12/12 22:08	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Bromophenyl phenyl ether	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Chloro-3-methylphenol	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Chloroaniline	ND		5.4	0.63	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Methylphenol	ND		11	0.39	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Nitroaniline	ND		11	0.27	ug/L		10/10/12 16:47	10/12/12 22:08	1
4-Nitrophenol	ND		11	1.6	ug/L		10/10/12 16:47	10/12/12 22:08	1
Acenaphthene	ND		5.4	0.44	ug/L		10/10/12 16:47	10/12/12 22:08	1
Acenaphthylene	ND		5.4	0.41	ug/L		10/10/12 16:47	10/12/12 22:08	1
Acetophenone	ND		5.4	0.58	ug/L		10/10/12 16:47	10/12/12 22:08	1
Anthracene	ND		5.4	0.30	ug/L		10/10/12 16:47	10/12/12 22:08	1
Atrazine	ND		5.4	0.49	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzaldehyde	ND		5.4	0.29	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzo(a)anthracene	ND		5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzo(a)pyrene	ND		5.4	0.50	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzo(b)fluoranthene	ND		5.4	0.36	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzo(g,h,i)perylene	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:08	1
Benzo(k)fluoranthene	ND		5.4	0.78	ug/L		10/10/12 16:47	10/12/12 22:08	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:08	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:08	1
Bis(2-ethylhexyl) phthalate	**7.9**		5.4	1.9	ug/L		10/10/12 16:47	10/12/12 22:08	1
Butyl benzyl phthalate	ND		5.4	0.45	ug/L		10/10/12 16:47	10/12/12 22:08	1
Caprolactam	**41**		5.4	2.4	ug/L		10/10/12 16:47	10/12/12 22:08	1
Carbazole	ND		5.4	0.32	ug/L		10/10/12 16:47	10/12/12 22:08	1
Chrysene	ND		5.4	0.35	ug/L		10/10/12 16:47	10/12/12 22:08	1
Di-n-butyl phthalate	ND		5.4	0.33	ug/L		10/10/12 16:47	10/12/12 22:08	1
Di-n-octyl phthalate	ND		5.4	0.50	ug/L		10/10/12 16:47	10/12/12 22:08	1
Dibenz(a,h)anthracene	ND		5.4	0.45	ug/L		10/10/12 16:47	10/12/12 22:08	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-01
Date Collected: 10/05/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		11	0.55	ug/L		10/10/12 16:47	10/12/12 22:08	1
Diethyl phthalate	ND		5.4	0.24	ug/L		10/10/12 16:47	10/12/12 22:08	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:08	1
Fluoranthene	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:08	1
Fluorene	ND		5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:08	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:08	1
Hexachlorobutadiene	ND		5.4	0.73	ug/L		10/10/12 16:47	10/12/12 22:08	1
Hexachlorocyclopentadiene	ND		5.4	0.63	ug/L		10/10/12 16:47	10/12/12 22:08	1
Hexachloroethane	ND		5.4	0.63	ug/L		10/10/12 16:47	10/12/12 22:08	1
Indeno(1,2,3-cd)pyrene	ND		5.4	0.50	ug/L		10/10/12 16:47	10/12/12 22:08	1
Isophorone	ND		5.4	0.46	ug/L		10/10/12 16:47	10/12/12 22:08	1
N-Nitrosodi-n-propylamine	ND		5.4	0.58	ug/L		10/10/12 16:47	10/12/12 22:08	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:08	1
Naphthalene	ND		5.4	0.82	ug/L		10/10/12 16:47	10/12/12 22:08	1
Nitrobenzene	ND		5.4	0.31	ug/L		10/10/12 16:47	10/12/12 22:08	1
Pentachlorophenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:08	1
Phenanthrene	ND		5.4	0.47	ug/L		10/10/12 16:47	10/12/12 22:08	1
Phenol	ND		5.4	0.42	ug/L		10/10/12 16:47	10/12/12 22:08	1
Pyrene	ND		5.4	0.36	ug/L		10/10/12 16:47	10/12/12 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*52 - 132*	*10/10/12 16:47*	*10/12/12 22:08*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*10/10/12 16:47*	*10/12/12 22:08*	*1*
2-Fluorophenol	*49*		*20 - 120*	*10/10/12 16:47*	*10/12/12 22:08*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*10/10/12 16:47*	*10/12/12 22:08*	*1*
p-Terphenyl-d14	*46*	*X*	*67 - 150*	*10/10/12 16:47*	*10/12/12 22:08*	*1*
Phenol-d5	*35*		*16 - 120*	*10/10/12 16:47*	*10/12/12 22:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.56	0.20	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1221	ND		0.56	0.20	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1232	ND		0.56	0.20	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1242	ND		0.56	0.20	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1248	ND		0.56	0.20	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1254	ND		0.56	0.28	ug/L		10/13/12 10:03	10/15/12 14:53	1
PCB-1260	ND		0.56	0.28	ug/L		10/13/12 10:03	10/15/12 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*19 - 126*	*10/13/12 10:03*	*10/15/12 14:53*	*1*
Tetrachloro-m-xylene	*108*		*23 - 127*	*10/13/12 10:03*	*10/15/12 14:53*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**106**		0.20	0.060	mg/L		10/09/12 15:00	10/10/12 11:34	1
Antimony	ND		0.020	0.0068	mg/L		10/09/12 15:00	10/10/12 11:34	1
Arsenic	**0.057**		0.010	0.0056	mg/L		10/09/12 15:00	10/10/12 11:34	1
Barium	**0.59**		0.0020	0.00070	mg/L		10/09/12 15:00	10/10/12 11:34	1
Beryllium	**0.0061**		0.0020	0.00030	mg/L		10/09/12 15:00	10/10/12 11:34	1
Cadmium	**0.0014**		0.0010	0.00050	mg/L		10/09/12 15:00	10/10/12 11:34	1
Calcium	**67.7**		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:34	1
Chromium	**0.58**		0.0040	0.0010	mg/L		10/09/12 15:00	10/10/12 11:34	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-01
Date Collected: 10/05/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.095		0.0040	0.00063	mg/L		10/09/12 15:00	10/10/12 11:34	1
Copper	0.28		0.010	0.0016	mg/L		10/09/12 15:00	10/10/12 11:34	1
Iron	190		0.050	0.019	mg/L		10/09/12 15:00	10/10/12 11:34	1
Lead	0.13		0.0050	0.0030	mg/L		10/09/12 15:00	10/10/12 11:34	1
Magnesium	43.3		0.20	0.043	mg/L		10/09/12 15:00	10/10/12 11:34	1
Manganese	3.1	B	0.0030	0.00040	mg/L		10/09/12 15:00	10/10/12 11:34	1
Nickel	0.24		0.010	0.0013	mg/L		10/09/12 15:00	10/10/12 11:34	1
Potassium	14.4		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:34	1
Selenium	ND		0.015	0.0087	mg/L		10/09/12 15:00	10/10/12 11:34	1
Silver	ND		0.0030	0.0017	mg/L		10/09/12 15:00	10/10/12 11:34	1
Sodium	102		1.0	0.32	mg/L		10/09/12 15:00	10/10/12 11:34	1
Thallium	ND		0.020	0.010	mg/L		10/09/12 15:00	10/10/12 11:34	1
Vanadium	0.15		0.0050	0.0015	mg/L		10/09/12 15:00	10/10/12 11:34	1
Zinc	0.58		0.010	0.0015	mg/L		10/09/12 15:00	10/10/12 11:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00056		0.00020	0.00012	mg/L		10/10/12 08:40	10/10/12 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.011		0.010	0.0050	mg/L		10/11/12 19:43	10/12/12 20:16	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-02
Date Collected: 10/05/12 10:20
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-2
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			10/10/12 18:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/12 18:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/12 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/12 18:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/12 18:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/12 18:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/12 18:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/12 18:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/12 18:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/12 18:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/12 18:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/12 18:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/12 18:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/12 18:19	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/12 18:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/12 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/12 18:19	1
Acetone	ND		10	3.0	ug/L			10/10/12 18:19	1
Benzene	ND		1.0	0.41	ug/L			10/10/12 18:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/12 18:19	1
Bromoform	ND		1.0	0.26	ug/L			10/10/12 18:19	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/12 18:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/12 18:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/12 18:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/12 18:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/12 18:19	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/12 18:19	1
Chloroform	ND		1.0	0.34	ug/L			10/10/12 18:19	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/12 18:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/12 18:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/12 18:19	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/12 18:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/12 18:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/12 18:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/12 18:19	1
Methyl acetate	ND		1.0	0.50	ug/L			10/10/12 18:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/12 18:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/12 18:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/12 18:19	1
Styrene	ND		1.0	0.73	ug/L			10/10/12 18:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/12 18:19	1
Toluene	ND		1.0	0.51	ug/L			10/10/12 18:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/12 18:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/12 18:19	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/12 18:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/12 18:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/12 18:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/12 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*10/10/12 18:19*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-02
Date Collected: 10/05/12 10:20
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-2
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*109*		*71 - 126*		*10/10/12 18:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/10/12 18:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		10/10/12 16:47	10/12/12 22:32	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		10/10/12 16:47	10/12/12 22:32	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Chlorophenol	ND		5.2	0.55	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Methylnaphthalene	ND		5.2	0.62	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Methylphenol	ND		5.2	0.42	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Nitroaniline	ND		10	0.44	ug/L		10/10/12 16:47	10/12/12 22:32	1
2-Nitrophenol	ND		5.2	0.50	ug/L		10/10/12 16:47	10/12/12 22:32	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		10/10/12 16:47	10/12/12 22:32	1
3-Nitroaniline	ND		10	0.50	ug/L		10/10/12 16:47	10/12/12 22:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Chloroaniline	ND		5.2	0.61	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Methylphenol	ND		10	0.37	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Nitroaniline	ND		10	0.26	ug/L		10/10/12 16:47	10/12/12 22:32	1
4-Nitrophenol	ND		10	1.6	ug/L		10/10/12 16:47	10/12/12 22:32	1
Acenaphthene	**4.2**	**J**	5.2	0.43	ug/L		10/10/12 16:47	10/12/12 22:32	1
Acenaphthylene	ND		5.2	0.40	ug/L		10/10/12 16:47	10/12/12 22:32	1
Acetophenone	ND		5.2	0.56	ug/L		10/10/12 16:47	10/12/12 22:32	1
Anthracene	ND		5.2	0.29	ug/L		10/10/12 16:47	10/12/12 22:32	1
Atrazine	ND		5.2	0.48	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzaldehyde	ND		5.2	0.28	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzo(a)anthracene	ND		5.2	0.37	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		10/10/12 16:47	10/12/12 22:32	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		10/10/12 16:47	10/12/12 22:32	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		10/10/12 16:47	10/12/12 22:32	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		10/10/12 16:47	10/12/12 22:32	1
Bis(2-ethylhexyl) phthalate	ND		5.2	1.9	ug/L		10/10/12 16:47	10/12/12 22:32	1
Butyl benzyl phthalate	ND		5.2	0.44	ug/L		10/10/12 16:47	10/12/12 22:32	1
Caprolactam	ND		5.2	2.3	ug/L		10/10/12 16:47	10/12/12 22:32	1
Carbazole	ND		5.2	0.31	ug/L		10/10/12 16:47	10/12/12 22:32	1
Chrysene	ND		5.2	0.34	ug/L		10/10/12 16:47	10/12/12 22:32	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		10/10/12 16:47	10/12/12 22:32	1
Di-n-octyl phthalate	**5.9**		5.2	0.49	ug/L		10/10/12 16:47	10/12/12 22:32	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		10/10/12 16:47	10/12/12 22:32	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-02
Date Collected: 10/05/12 10:20
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	0.53	ug/L		10/10/12 16:47	10/12/12 22:32	1
Diethyl phthalate	ND		5.2	0.23	ug/L		10/10/12 16:47	10/12/12 22:32	1
Dimethyl phthalate	ND		5.2	0.37	ug/L		10/10/12 16:47	10/12/12 22:32	1
Fluoranthene	ND		5.2	0.42	ug/L		10/10/12 16:47	10/12/12 22:32	1
Fluorene	ND		5.2	0.37	ug/L		10/10/12 16:47	10/12/12 22:32	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		10/10/12 16:47	10/12/12 22:32	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		10/10/12 16:47	10/12/12 22:32	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		10/10/12 16:47	10/12/12 22:32	1
Hexachloroethane	ND		5.2	0.61	ug/L		10/10/12 16:47	10/12/12 22:32	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		10/10/12 16:47	10/12/12 22:32	1
Isophorone	ND		5.2	0.45	ug/L		10/10/12 16:47	10/12/12 22:32	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		10/10/12 16:47	10/12/12 22:32	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		10/10/12 16:47	10/12/12 22:32	1
Naphthalene	ND		5.2	0.79	ug/L		10/10/12 16:47	10/12/12 22:32	1
Nitrobenzene	ND		5.2	0.30	ug/L		10/10/12 16:47	10/12/12 22:32	1
Pentachlorophenol	ND		10	2.3	ug/L		10/10/12 16:47	10/12/12 22:32	1
Phenanthrene	**0.52**	**J**	5.2	0.46	ug/L		10/10/12 16:47	10/12/12 22:32	1
Phenol	ND		5.2	0.41	ug/L		10/10/12 16:47	10/12/12 22:32	1
Pyrene	**1.1**	**J**	5.2	0.35	ug/L		10/10/12 16:47	10/12/12 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*52 - 132*	*10/10/12 16:47*	*10/12/12 22:32*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*10/10/12 16:47*	*10/12/12 22:32*	*1*
2-Fluorophenol	*44*		*20 - 120*	*10/10/12 16:47*	*10/12/12 22:32*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*10/10/12 16:47*	*10/12/12 22:32*	*1*
p-Terphenyl-d14	*58*	*X*	*67 - 150*	*10/10/12 16:47*	*10/12/12 22:32*	*1*
Phenol-d5	*31*		*16 - 120*	*10/10/12 16:47*	*10/12/12 22:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1221	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1232	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1242	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1248	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1254	ND		0.52	0.26	ug/L		10/13/12 10:03	10/15/12 15:08	1
PCB-1260	ND		0.52	0.26	ug/L		10/13/12 10:03	10/15/12 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*19 - 126*	*10/13/12 10:03*	*10/15/12 15:08*	*1*
Tetrachloro-m-xylene	*109*		*23 - 127*	*10/13/12 10:03*	*10/15/12 15:08*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**	**J**	0.20	0.060	mg/L		10/09/12 15:00	10/10/12 11:41	1
Antimony	ND		0.020	0.0068	mg/L		10/09/12 15:00	10/10/12 11:41	1
Arsenic	ND		0.010	0.0056	mg/L		10/09/12 15:00	10/10/12 11:41	1
Barium	**0.11**		0.0020	0.00070	mg/L		10/09/12 15:00	10/10/12 11:41	1
Beryllium	ND		0.0020	0.00030	mg/L		10/09/12 15:00	10/10/12 11:41	1
Cadmium	ND		0.0010	0.00050	mg/L		10/09/12 15:00	10/10/12 11:41	1
Calcium	**113**		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:41	1
Chromium	ND		0.0040	0.0010	mg/L		10/09/12 15:00	10/10/12 11:41	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-02
Date Collected: 10/05/12 10:20
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.0014	J	0.0040	0.00063	mg/L		10/09/12 15:00	10/10/12 11:41	1
Copper	0.0038	J	0.010	0.0016	mg/L		10/09/12 15:00	10/10/12 11:41	1
Iron	4.4		0.050	0.019	mg/L		10/09/12 15:00	10/10/12 11:41	1
Lead	0.0039	J	0.0050	0.0030	mg/L		10/09/12 15:00	10/10/12 11:41	1
Magnesium	16.1		0.20	0.043	mg/L		10/09/12 15:00	10/10/12 11:41	1
Manganese	1.2	B	0.0030	0.00040	mg/L		10/09/12 15:00	10/10/12 11:41	1
Nickel	0.0022	J	0.010	0.0013	mg/L		10/09/12 15:00	10/10/12 11:41	1
Potassium	6.5		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:41	1
Selenium	ND		0.015	0.0087	mg/L		10/09/12 15:00	10/10/12 11:41	1
Silver	ND		0.0030	0.0017	mg/L		10/09/12 15:00	10/10/12 11:41	1
Sodium	61.7		1.0	0.32	mg/L		10/09/12 15:00	10/10/12 11:41	1
Thallium	ND		0.020	0.010	mg/L		10/09/12 15:00	10/10/12 11:41	1
Vanadium	0.0045	J	0.0050	0.0015	mg/L		10/09/12 15:00	10/10/12 11:41	1
Zinc	0.014		0.010	0.0015	mg/L		10/09/12 15:00	10/10/12 11:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/10/12 08:40	10/10/12 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.013		0.010	0.0050	mg/L		10/15/12 23:30	10/16/12 16:27	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-04
Date Collected: 10/05/12 12:05
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-3
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			10/10/12 18:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/12 18:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/12 18:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/12 18:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/12 18:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/12 18:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/12 18:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/12 18:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/12 18:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/12 18:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/12 18:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/12 18:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/12 18:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/12 18:43	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/12 18:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/12 18:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/12 18:43	1
Acetone	ND		10	3.0	ug/L			10/10/12 18:43	1
Benzene	**0.98**	**J**	1.0	0.41	ug/L			10/10/12 18:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/12 18:43	1
Bromoform	ND		1.0	0.26	ug/L			10/10/12 18:43	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/12 18:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/12 18:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/12 18:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/12 18:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/12 18:43	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/12 18:43	1
Chloroform	ND		1.0	0.34	ug/L			10/10/12 18:43	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/12 18:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/12 18:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/12 18:43	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/12 18:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/12 18:43	1
Ethylbenzene	**3.3**		1.0	0.74	ug/L			10/10/12 18:43	1
Isopropylbenzene	**4.5**		1.0	0.79	ug/L			10/10/12 18:43	1
Methyl acetate	ND		1.0	0.50	ug/L			10/10/12 18:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/12 18:43	1
Methylcyclohexane	**0.29**	**J**	1.0	0.16	ug/L			10/10/12 18:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/12 18:43	1
Styrene	ND		1.0	0.73	ug/L			10/10/12 18:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/12 18:43	1
Toluene	ND		1.0	0.51	ug/L			10/10/12 18:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/12 18:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/12 18:43	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/12 18:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/12 18:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/12 18:43	1
Xylenes, Total	**4.4**		2.0	0.66	ug/L			10/10/12 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*10/10/12 18:43*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-04
Date Collected: 10/05/12 12:05
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-3
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*108*		*71 - 126*		*10/10/12 18:43*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/10/12 18:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**0.92**	**J**	5.4	0.70	ug/L		10/10/12 16:47	10/12/12 22:55	1
bis (2-chloroisopropyl) ether	ND		5.4	0.56	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4,6-Trichlorophenol	ND		5.4	0.66	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,4-Dinitrotoluene	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:55	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Chlorophenol	ND		5.4	0.57	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Methylnaphthalene	**0.80**	**J**	5.4	0.65	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Methylphenol	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Nitroaniline	ND		11	0.45	ug/L		10/10/12 16:47	10/12/12 22:55	1
2-Nitrophenol	ND		5.4	0.52	ug/L		10/10/12 16:47	10/12/12 22:55	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:55	1
3-Nitroaniline	ND		11	0.52	ug/L		10/10/12 16:47	10/12/12 22:55	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Bromophenyl phenyl ether	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Chloro-3-methylphenol	ND		5.4	0.48	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Chloroaniline	ND		5.4	0.64	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Methylphenol	ND		11	0.39	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Nitroaniline	ND		11	0.27	ug/L		10/10/12 16:47	10/12/12 22:55	1
4-Nitrophenol	ND		11	1.6	ug/L		10/10/12 16:47	10/12/12 22:55	1
Acenaphthene	**26**		5.4	0.44	ug/L		10/10/12 16:47	10/12/12 22:55	1
Acenaphthylene	**0.55**	**J**	5.4	0.41	ug/L		10/10/12 16:47	10/12/12 22:55	1
Acetophenone	ND		5.4	0.58	ug/L		10/10/12 16:47	10/12/12 22:55	1
Anthracene	**1.7**	**J**	5.4	0.30	ug/L		10/10/12 16:47	10/12/12 22:55	1
Atrazine	ND		5.4	0.50	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzaldehyde	ND		5.4	0.29	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzo(a)anthracene	ND		5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzo(a)pyrene	ND		5.4	0.51	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzo(b)fluoranthene	ND		5.4	0.37	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzo(g,h,i)perylene	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:55	1
Benzo(k)fluoranthene	ND		5.4	0.79	ug/L		10/10/12 16:47	10/12/12 22:55	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		10/10/12 16:47	10/12/12 22:55	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:55	1
Bis(2-ethylhexyl) phthalate	ND		5.4	1.9	ug/L		10/10/12 16:47	10/12/12 22:55	1
Butyl benzyl phthalate	ND		5.4	0.45	ug/L		10/10/12 16:47	10/12/12 22:55	1
Caprolactam	**46**		5.4	2.4	ug/L		10/10/12 16:47	10/12/12 22:55	1
Carbazole	**0.67**	**J**	5.4	0.32	ug/L		10/10/12 16:47	10/12/12 22:55	1
Chrysene	ND		5.4	0.36	ug/L		10/10/12 16:47	10/12/12 22:55	1
Di-n-butyl phthalate	ND		5.4	0.33	ug/L		10/10/12 16:47	10/12/12 22:55	1
Di-n-octyl phthalate	**2.4**	**J**	5.4	0.51	ug/L		10/10/12 16:47	10/12/12 22:55	1
Dibenz(a,h)anthracene	ND		5.4	0.45	ug/L		10/10/12 16:47	10/12/12 22:55	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-04
Date Collected: 10/05/12 12:05
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**2.6**	**J**	11	0.55	ug/L		10/10/12 16:47	10/12/12 22:55	1
Diethyl phthalate	ND		5.4	0.24	ug/L		10/10/12 16:47	10/12/12 22:55	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:55	1
Fluoranthene	ND		5.4	0.43	ug/L		10/10/12 16:47	10/12/12 22:55	1
Fluorene	**3.6**	**J**	5.4	0.39	ug/L		10/10/12 16:47	10/12/12 22:55	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:55	1
Hexachlorobutadiene	ND		5.4	0.73	ug/L		10/10/12 16:47	10/12/12 22:55	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		10/10/12 16:47	10/12/12 22:55	1
Hexachloroethane	ND		5.4	0.64	ug/L		10/10/12 16:47	10/12/12 22:55	1
Indeno(1,2,3-cd)pyrene	ND		5.4	0.51	ug/L		10/10/12 16:47	10/12/12 22:55	1
Isophorone	ND		5.4	0.46	ug/L		10/10/12 16:47	10/12/12 22:55	1
N-Nitrosodi-n-propylamine	ND		5.4	0.58	ug/L		10/10/12 16:47	10/12/12 22:55	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		10/10/12 16:47	10/12/12 22:55	1
Naphthalene	**7.4**		5.4	0.82	ug/L		10/10/12 16:47	10/12/12 22:55	1
Nitrobenzene	ND		5.4	0.31	ug/L		10/10/12 16:47	10/12/12 22:55	1
Pentachlorophenol	ND		11	2.4	ug/L		10/10/12 16:47	10/12/12 22:55	1
Phenanthrene	**5.7**		5.4	0.47	ug/L		10/10/12 16:47	10/12/12 22:55	1
Phenol	ND		5.4	0.42	ug/L		10/10/12 16:47	10/12/12 22:55	1
Pyrene	**1.5**	**J**	5.4	0.37	ug/L		10/10/12 16:47	10/12/12 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*52 - 132*	*10/10/12 16:47*	*10/12/12 22:55*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*10/10/12 16:47*	*10/12/12 22:55*	*1*
2-Fluorophenol	*52*		*20 - 120*	*10/10/12 16:47*	*10/12/12 22:55*	*1*
Nitrobenzene-d5	*100*		*46 - 120*	*10/10/12 16:47*	*10/12/12 22:55*	*1*
p-Terphenyl-d14	*62*	*X*	*67 - 150*	*10/10/12 16:47*	*10/12/12 22:55*	*1*
Phenol-d5	*37*		*16 - 120*	*10/10/12 16:47*	*10/12/12 22:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.55	0.19	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1221	ND		0.55	0.19	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1232	ND		0.55	0.19	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1242	ND		0.55	0.19	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1248	ND		0.55	0.19	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1254	ND		0.55	0.28	ug/L		10/13/12 10:03	10/15/12 15:23	1
PCB-1260	ND		0.55	0.28	ug/L		10/13/12 10:03	10/15/12 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 126*	*10/13/12 10:03*	*10/15/12 15:23*	*1*
Tetrachloro-m-xylene	*92*		*23 - 127*	*10/13/12 10:03*	*10/15/12 15:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.74**		0.20	0.060	mg/L		10/09/12 15:00	10/10/12 11:52	1
Antimony	ND		0.020	0.0068	mg/L		10/09/12 15:00	10/10/12 11:52	1
Arsenic	ND		0.010	0.0056	mg/L		10/09/12 15:00	10/10/12 11:52	1
Barium	**0.14**		0.0020	0.00070	mg/L		10/09/12 15:00	10/10/12 11:52	1
Beryllium	ND		0.0020	0.00030	mg/L		10/09/12 15:00	10/10/12 11:52	1
Cadmium	**0.060**		0.0010	0.00050	mg/L		10/09/12 15:00	10/10/12 11:52	1
Calcium	**62.4**		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:52	1
Chromium	**0.0016**	**J**	0.0040	0.0010	mg/L		10/09/12 15:00	10/10/12 11:52	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-04
Date Collected: 10/05/12 12:05
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.00094	J	0.0040	0.00063	mg/L		10/09/12 15:00	10/10/12 11:52	1
Copper	0.049		0.010	0.0016	mg/L		10/09/12 15:00	10/10/12 11:52	1
Iron	6.6		0.050	0.019	mg/L		10/09/12 15:00	10/10/12 11:52	1
Lead	0.0093		0.0050	0.0030	mg/L		10/09/12 15:00	10/10/12 11:52	1
Magnesium	10.9		0.20	0.043	mg/L		10/09/12 15:00	10/10/12 11:52	1
Manganese	1.2	B	0.0030	0.00040	mg/L		10/09/12 15:00	10/10/12 11:52	1
Nickel	0.020		0.010	0.0013	mg/L		10/09/12 15:00	10/10/12 11:52	1
Potassium	3.8		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:52	1
Selenium	ND		0.015	0.0087	mg/L		10/09/12 15:00	10/10/12 11:52	1
Silver	ND		0.0030	0.0017	mg/L		10/09/12 15:00	10/10/12 11:52	1
Sodium	94.1		1.0	0.32	mg/L		10/09/12 15:00	10/10/12 11:52	1
Thallium	ND		0.020	0.010	mg/L		10/09/12 15:00	10/10/12 11:52	1
Vanadium	0.0062		0.0050	0.0015	mg/L		10/09/12 15:00	10/10/12 11:52	1
Zinc	0.063		0.010	0.0015	mg/L		10/09/12 15:00	10/10/12 11:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/10/12 08:40	10/10/12 13:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/11/12 19:43	10/12/12 20:15	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-05
Date Collected: 10/05/12 11:25
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-4
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			10/10/12 19:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/12 19:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/12 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/12 19:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/12 19:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/12 19:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/12 19:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/12 19:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/12 19:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/12 19:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/12 19:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/12 19:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/12 19:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/12 19:07	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/12 19:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/12 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/12 19:07	1
Acetone	ND		10	3.0	ug/L			10/10/12 19:07	1
Benzene	ND		1.0	0.41	ug/L			10/10/12 19:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/12 19:07	1
Bromoform	ND		1.0	0.26	ug/L			10/10/12 19:07	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/12 19:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/12 19:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/12 19:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/12 19:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/12 19:07	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/12 19:07	1
Chloroform	ND		1.0	0.34	ug/L			10/10/12 19:07	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/12 19:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/12 19:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/12 19:07	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/12 19:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/12 19:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/12 19:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/12 19:07	1
Methyl acetate	ND		1.0	0.50	ug/L			10/10/12 19:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/12 19:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/12 19:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/12 19:07	1
Styrene	ND		1.0	0.73	ug/L			10/10/12 19:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/12 19:07	1
Toluene	ND		1.0	0.51	ug/L			10/10/12 19:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/12 19:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/12 19:07	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/12 19:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/12 19:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/12 19:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/12 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*10/10/12 19:07*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-05
Date Collected: 10/05/12 11:25
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-4
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*71 - 126*		*10/10/12 19:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/10/12 19:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.1	0.67	ug/L		10/10/12 16:47	10/24/12 04:01	1
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4,6-Trichlorophenol	ND		5.1	0.62	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4-Dimethylphenol	ND		5.1	0.51	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,4-Dinitrotoluene	ND		5.1	0.46	ug/L		10/10/12 16:47	10/24/12 04:01	1
2,6-Dinitrotoluene	ND		5.1	0.41	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Chlorophenol	ND		5.1	0.54	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Methylnaphthalene	ND		5.1	0.61	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Methylphenol	ND		5.1	0.41	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Nitroaniline	ND		10	0.43	ug/L		10/10/12 16:47	10/24/12 04:01	1
2-Nitrophenol	ND		5.1	0.49	ug/L		10/10/12 16:47	10/24/12 04:01	1
3,3'-Dichlorobenzidine	ND		5.1	0.41	ug/L		10/10/12 16:47	10/24/12 04:01	1
3-Nitroaniline	ND		10	0.49	ug/L		10/10/12 16:47	10/24/12 04:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Chloroaniline	ND		5.1	0.60	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Chlorophenyl phenyl ether	ND		5.1	0.36	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Methylphenol	ND		10	0.37	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Nitroaniline	ND		10	0.25	ug/L		10/10/12 16:47	10/24/12 04:01	1
4-Nitrophenol	ND		10	1.5	ug/L		10/10/12 16:47	10/24/12 04:01	1
Acenaphthene	**17**		5.1	0.42	ug/L		10/10/12 16:47	10/24/12 04:01	1
Acenaphthylene	**0.58**	**J**	5.1	0.39	ug/L		10/10/12 16:47	10/24/12 04:01	1
Acetophenone	ND		5.1	0.55	ug/L		10/10/12 16:47	10/24/12 04:01	1
Anthracene	**0.29**	**J**	5.1	0.29	ug/L		10/10/12 16:47	10/24/12 04:01	1
Atrazine	ND		5.1	0.47	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzaldehyde	ND		5.1	0.27	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzo(a)anthracene	ND		5.1	0.37	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzo(a)pyrene	ND		5.1	0.48	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzo(b)fluoranthene	ND		5.1	0.35	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzo(g,h,i)perylene	ND		5.1	0.36	ug/L		10/10/12 16:47	10/24/12 04:01	1
Benzo(k)fluoranthene	ND		5.1	0.74	ug/L		10/10/12 16:47	10/24/12 04:01	1
Bis(2-chloroethoxy)methane	ND		5.1	0.36	ug/L		10/10/12 16:47	10/24/12 04:01	1
Bis(2-chloroethyl)ether	ND		5.1	0.41	ug/L		10/10/12 16:47	10/24/12 04:01	1
Bis(2-ethylhexyl) phthalate	ND		5.1	1.8	ug/L		10/10/12 16:47	10/24/12 04:01	1
Butyl benzyl phthalate	**0.58**	**J**	5.1	0.43	ug/L		10/10/12 16:47	10/24/12 04:01	1
Caprolactam	ND		5.1	2.2	ug/L		10/10/12 16:47	10/24/12 04:01	1
Carbazole	ND		5.1	0.31	ug/L		10/10/12 16:47	10/24/12 04:01	1
Chrysene	ND		5.1	0.34	ug/L		10/10/12 16:47	10/24/12 04:01	1
Di-n-butyl phthalate	ND		5.1	0.32	ug/L		10/10/12 16:47	10/24/12 04:01	1
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		10/10/12 16:47	10/24/12 04:01	1
Dibenz(a,h)anthracene	ND		5.1	0.43	ug/L		10/10/12 16:47	10/24/12 04:01	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-05
Date Collected: 10/05/12 11:25
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	0.52	ug/L		10/10/12 16:47	10/24/12 04:01	1
Diethyl phthalate	ND		5.1	0.22	ug/L		10/10/12 16:47	10/24/12 04:01	1
Dimethyl phthalate	ND		5.1	0.37	ug/L		10/10/12 16:47	10/24/12 04:01	1
Fluoranthene	**0.67**	**J**	5.1	0.41	ug/L		10/10/12 16:47	10/24/12 04:01	1
Fluorene	**0.73**	**J**	5.1	0.37	ug/L		10/10/12 16:47	10/24/12 04:01	1
Hexachlorobenzene	ND		5.1	0.52	ug/L		10/10/12 16:47	10/24/12 04:01	1
Hexachlorobutadiene	ND		5.1	0.69	ug/L		10/10/12 16:47	10/24/12 04:01	1
Hexachlorocyclopentadiene	ND		5.1	0.60	ug/L		10/10/12 16:47	10/24/12 04:01	1
Hexachloroethane	ND		5.1	0.60	ug/L		10/10/12 16:47	10/24/12 04:01	1
Indeno(1,2,3-cd)pyrene	ND		5.1	0.48	ug/L		10/10/12 16:47	10/24/12 04:01	1
Isophorone	ND		5.1	0.44	ug/L		10/10/12 16:47	10/24/12 04:01	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		10/10/12 16:47	10/24/12 04:01	1
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		10/10/12 16:47	10/24/12 04:01	1
Naphthalene	**3.1**	**J**	5.1	0.77	ug/L		10/10/12 16:47	10/24/12 04:01	1
Nitrobenzene	ND		5.1	0.30	ug/L		10/10/12 16:47	10/24/12 04:01	1
Pentachlorophenol	ND		10	2.2	ug/L		10/10/12 16:47	10/24/12 04:01	1
Phenanthrene	**0.48**	**J**	5.1	0.45	ug/L		10/10/12 16:47	10/24/12 04:01	1
Phenol	ND		5.1	0.40	ug/L		10/10/12 16:47	10/24/12 04:01	1
Pyrene	**2.1**	**J**	5.1	0.35	ug/L		10/10/12 16:47	10/24/12 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 132*	*10/10/12 16:47*	*10/24/12 04:01*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*10/10/12 16:47*	*10/24/12 04:01*	*1*
2-Fluorophenol	*45*		*20 - 120*	*10/10/12 16:47*	*10/24/12 04:01*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*10/10/12 16:47*	*10/24/12 04:01*	*1*
p-Terphenyl-d14	*62*	*X*	*67 - 150*	*10/10/12 16:47*	*10/24/12 04:01*	*1*
Phenol-d5	*32*		*16 - 120*	*10/10/12 16:47*	*10/24/12 04:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1221	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1232	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1242	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1248	ND		0.52	0.18	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1254	ND		0.52	0.26	ug/L		10/13/12 10:03	10/15/12 15:38	1
PCB-1260	ND		0.52	0.26	ug/L		10/13/12 10:03	10/15/12 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*19 - 126*	*10/13/12 10:03*	*10/15/12 15:38*	*1*
Tetrachloro-m-xylene	*110*		*23 - 127*	*10/13/12 10:03*	*10/15/12 15:38*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.1**		0.20	0.060	mg/L		10/09/12 15:00	10/10/12 11:54	1
Antimony	ND		0.020	0.0068	mg/L		10/09/12 15:00	10/10/12 11:54	1
Arsenic	ND		0.010	0.0056	mg/L		10/09/12 15:00	10/10/12 11:54	1
Barium	**0.089**		0.0020	0.00070	mg/L		10/09/12 15:00	10/10/12 11:54	1
Beryllium	ND		0.0020	0.00030	mg/L		10/09/12 15:00	10/10/12 11:54	1
Cadmium	ND		0.0010	0.00050	mg/L		10/09/12 15:00	10/10/12 11:54	1
Calcium	**66.6**		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:54	1
Chromium	**0.0015**	**J**	0.0040	0.0010	mg/L		10/09/12 15:00	10/10/12 11:54	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-05
Date Collected: 10/05/12 11:25
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0040	0.00063	mg/L		10/09/12 15:00	10/10/12 11:54	1
Copper	**0.0054**	**J**	0.010	0.0016	mg/L		10/09/12 15:00	10/10/12 11:54	1
Iron	**4.6**		0.050	0.019	mg/L		10/09/12 15:00	10/10/12 11:54	1
Lead	**0.0037**	**J**	0.0050	0.0030	mg/L		10/09/12 15:00	10/10/12 11:54	1
Magnesium	**12.3**		0.20	0.043	mg/L		10/09/12 15:00	10/10/12 11:54	1
Manganese	**1.0**	**B**	0.0030	0.00040	mg/L		10/09/12 15:00	10/10/12 11:54	1
Nickel	**0.0015**	**J**	0.010	0.0013	mg/L		10/09/12 15:00	10/10/12 11:54	1
Potassium	**5.6**		0.50	0.10	mg/L		10/09/12 15:00	10/10/12 11:54	1
Selenium	ND		0.015	0.0087	mg/L		10/09/12 15:00	10/10/12 11:54	1
Silver	ND		0.0030	0.0017	mg/L		10/09/12 15:00	10/10/12 11:54	1
Sodium	**162**		1.0	0.32	mg/L		10/09/12 15:00	10/10/12 11:54	1
Thallium	ND		0.020	0.010	mg/L		10/09/12 15:00	10/10/12 11:54	1
Vanadium	**0.0042**	**J**	0.0050	0.0015	mg/L		10/09/12 15:00	10/10/12 11:54	1
Zinc	**0.014**		0.010	0.0015	mg/L		10/09/12 15:00	10/10/12 11:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/10/12 08:40	10/10/12 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/11/12 19:43	10/12/12 20:13	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B1 (2-3 FBG)
Date Collected: 10/04/12 10:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-5
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.38	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.86	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,1,2-Trichloroethane	ND		5.3	0.69	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,1-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,1-Dichloroethene	ND		5.3	0.65	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2,4-Trichlorobenzene	ND		5.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2-Dibromo-3-Chloropropane	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2-Dibromoethane	ND		5.3	0.68	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2-Dichlorobenzene	ND		5.3	0.41	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2-Dichloroethane	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,2-Dichloropropane	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,3-Dichlorobenzene	ND		5.3	0.27	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
1,4-Dichlorobenzene	ND		5.3	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
2-Hexanone	ND		26	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Acetone	ND		26	4.4	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Benzene	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Bromodichloromethane	ND		5.3	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Bromomethane	ND		5.3	0.47	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Carbon disulfide	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Carbon tetrachloride	ND		5.3	0.51	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Chlorobenzene	ND		5.3	0.70	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Dibromochloromethane	ND		5.3	0.68	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Chloroethane	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Chloroform	ND		5.3	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Chloromethane	ND		5.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
cis-1,2-Dichloroethene	ND		5.3	0.68	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
cis-1,3-Dichloropropene	ND		5.3	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Cyclohexane	ND		5.3	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Dichlorodifluoromethane	ND		5.3	0.44	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Ethylbenzene	ND		5.3	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Isopropylbenzene	ND		5.3	0.80	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Methyl acetate	ND		5.3	0.98	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Methyl tert-butyl ether	ND		5.3	0.52	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Methylcyclohexane	ND		5.3	0.80	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Methylene Chloride	ND		5.3	2.4	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Styrene	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Tetrachloroethene	ND		5.3	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Toluene	ND		5.3	0.40	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
trans-1,2-Dichloroethene	ND		5.3	0.54	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
trans-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Trichloroethene	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Trichlorofluoromethane	ND		5.3	0.50	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1
Xylenes, Total	ND		11	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 126*	*10/09/12 10:28*	*10/09/12 15:21*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B1 (2-3 FBG)
Date Collected: 10/04/12 10:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-5
Matrix: Solid
Percent Solids: 96.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*71 - 125*	*10/09/12 10:28*	*10/09/12 15:21*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*10/09/12 10:28*	*10/09/12 15:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**2300**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Acenaphthylene	**2400**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Acetophenone	ND		5200	480	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Anthracene	**4900**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Atrazine	ND		10000	480	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzaldehyde	ND		5200	630	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzo(a)anthracene	**19000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzo(b)fluoranthene	**29000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzo(k)fluoranthene	**10000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzo(g,h,i)perylene	**8300**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Benzo(a)pyrene	**19000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Butyl benzyl phthalate	ND		2600	520	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Biphenyl	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Bis(2-chloroethoxy)methane	ND		5200	1200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Bis(2-chloroethyl)ether	ND		5200	100	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Bis(2-ethylhexyl) phthalate	ND		2600	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Bromophenyl phenyl ether	ND		2600	680	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Caprolactam	ND		17000	1900	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Carbazole	**4900**		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Chloroaniline	ND		7900	890	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Chloro-3-methylphenol	ND		7900	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2-Chloronaphthalene	ND		2600	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2-Chlorophenol	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Chlorophenyl phenyl ether	ND		2600	680	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Chrysene	**24000**		350	58	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2-Methylnaphthalene	**2700**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Dibenz(a,h)anthracene	**2800**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Dibenzofuran	**3700**		2600	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
3,3'-Dichlorobenzidine	ND		5200	940	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4-Dichlorophenol	ND		7900	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Diethyl phthalate	ND		2600	840	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4-Dimethylphenol	ND		7900	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Dimethyl phthalate	ND		2600	890	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4,6-Dinitro-2-methylphenol	ND		7900	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4-Dinitrophenol	ND		17000	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4-Dinitrotoluene	ND		10000	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Di-n-butyl phthalate	ND		2600	790	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Di-n-octyl phthalate	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Fluoranthene	**55000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Fluorene	**3100**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Hexachlorobenzene	ND		350	110	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Hexachlorobutadiene	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Hexachlorocyclopentadiene	ND		17000	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Hexachloroethane	ND		2600	470	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Indeno(1,2,3-cd)pyrene	**7600**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Isophorone	ND		2600	680	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B1 (2-3 FBG)
Date Collected: 10/04/12 10:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-5
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10000	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Naphthalene	**6700**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2-Nitroaniline	ND		10000	480	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
3-Nitroaniline	ND		10000	840	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Nitroaniline	ND		10000	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Nitrobenzene	ND		5200	120	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2-Nitrophenol	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
4-Nitrophenol	ND		17000	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
N-Nitrosodiphenylamine	ND		2600	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
N-Nitrosodi-n-propylamine	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
bis (2-chloroisopropyl) ether	ND		5200	500	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Pentachlorophenol	ND		7900	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Phenanthrene	**46000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Phenol	ND		2600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
Pyrene	**46000**		350	170	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4,5-Trichlorophenol	ND		7900	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,4,6-Trichlorophenol	ND		7900	4200	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50
2,6-Dinitrotoluene	ND		10000	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 14:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*63*		*24 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*
2,4,6-Tribromophenol	*52*		*10 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*
Nitrobenzene-d5	*64*		*20 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*
Phenol-d5	*68*		*26 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*
2-Fluorobiphenyl (Surr)	*62*		*24 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*
Terphenyl-d14 (Surr)	*76*		*36 - 110*	*10/11/12 11:40*	*10/16/12 14:45*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	10/12/12 14:24	10/13/12 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*36 - 182*	*10/12/12 14:24*	*10/13/12 15:34*	*1*
Tetrachloro-m-xylene	*120*		*24 - 172*	*10/12/12 14:24*	*10/13/12 15:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7090**		9.9	4.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Antimony	ND		14.8	0.40	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Arsenic	**6.3**		2.0	0.40	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Barium	**87.9**		0.49	0.11	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Beryllium	**0.55**		0.20	0.028	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Cadmium	**0.11**	**J B**	0.20	0.030	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Calcium	**12900**	**B**	49.4	3.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Chromium	**12.0**		0.49	0.20	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Cobalt	**7.3**	**B**	0.49	0.049	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B1 (2-3 FBG)
Date Collected: 10/04/12 10:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-5
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	34.2		0.99	0.21	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Iron	16400	B ^	9.9	1.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Lead	225		0.99	0.24	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Magnesium	5520	B	19.8	0.92	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Manganese	365	B7	0.20	0.032	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Nickel	14.5	B	4.9	0.23	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Potassium	970		29.6	19.8	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Selenium	1.1	J	4.0	0.40	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Silver	ND		0.49	0.20	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Sodium	255		138	12.8	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Thallium	0.31	J	5.9	0.30	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Vanadium	18.2		0.49	0.11	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1
Zinc	147		2.0	0.15	mg/Kg	☼	10/10/12 08:45	10/10/12 17:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.27		0.021	0.0084	mg/Kg	☼	10/10/12 10:30	10/10/12 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.79	B	0.78	0.38	mg/Kg	☼	10/10/12 16:41	10/11/12 04:22	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B2 (5-7.5 FBG)
Date Collected: 10/04/12 11:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-6
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,1,2-Trichloroethane	ND		5.5	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2-Dibromoethane	ND		5.5	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,2-Dichloropropane	ND		5.5	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
2-Butanone (MEK)	**11**	**J**	28	2.0	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Acetone	**54**		28	4.6	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Benzene	**4.9**	**J**	5.5	0.27	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Bromodichloromethane	ND		5.5	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Bromomethane	ND		5.5	0.50	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Carbon disulfide	ND		5.5	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Chlorobenzene	ND		5.5	0.73	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Dibromochloromethane	ND		5.5	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
cis-1,2-Dichloroethene	ND		5.5	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Dichlorodifluoromethane	ND		5.5	0.46	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Ethylbenzene	**150**		5.5	0.38	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Isopropylbenzene	**98**		5.5	0.83	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Methylcyclohexane	**3.5**	**J**	5.5	0.84	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Styrene	ND		5.5	0.28	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Tetrachloroethene	ND		5.5	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Toluene	**4.6**	**J**	5.5	0.42	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1
Xylenes, Total	**180**		11	0.93	ug/Kg	☼	10/09/12 10:28	10/09/12 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*10/09/12 10:28*	*10/09/12 15:46*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B2 (5-7.5 FBG)
Date Collected: 10/04/12 11:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-6
Matrix: Solid
Percent Solids: 90.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*81*		*71 - 125*	*10/09/12 10:28*	*10/09/12 15:46*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 126*	*10/09/12 10:28*	*10/09/12 15:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**22000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Acenaphthylene	**8800**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Acetophenone	ND		11000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Anthracene	**39000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Atrazine	ND		22000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzaldehyde	ND		11000	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzo(a)anthracene	**30000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzo(b)fluoranthene	**24000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzo(k)fluoranthene	**9200**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzo(g,h,i)perylene	**4700**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Benzo(a)pyrene	**20000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Butyl benzyl phthalate	ND		5600	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Biphenyl	**7300**		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Bis(2-chloroethoxy)methane	ND		11000	2400	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Bis(2-chloroethyl)ether	ND		11000	220	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Bis(2-ethylhexyl) phthalate	ND		5600	2100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Bromophenyl phenyl ether	ND		5600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Caprolactam	ND		37000	4100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Carbazole	**8000**		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Chloroaniline	ND		17000	1900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Chloro-3-methylphenol	ND		17000	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2-Chloronaphthalene	ND		5600	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2-Chlorophenol	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Chlorophenyl phenyl ether	ND		5600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Chrysene	**26000**		740	120	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2-Methylnaphthalene	**31000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Dibenz(a,h)anthracene	**2800**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Dibenzofuran	**20000**		5600	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
3,3'-Dichlorobenzidine	ND		11000	2000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4-Dichlorophenol	ND		17000	2200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Diethyl phthalate	ND		5600	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4-Dimethylphenol	ND		17000	2200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Dimethyl phthalate	ND		5600	1900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4,6-Dinitro-2-methylphenol	ND		17000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4-Dinitrophenol	ND		37000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4-Dinitrotoluene	ND		22000	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Di-n-butyl phthalate	ND		5600	1700	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Di-n-octyl phthalate	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Fluoranthene	**57000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Fluorene	**39000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Hexachlorobenzene	ND		740	230	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Hexachlorobutadiene	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Hexachlorocyclopentadiene	ND		37000	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Hexachloroethane	ND		5600	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Indeno(1,2,3-cd)pyrene	**5000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Isophorone	ND		5600	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B2 (5-7.5 FBG)
Date Collected: 10/04/12 11:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-6
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		22000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Naphthalene	**37000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2-Nitroaniline	ND		22000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
3-Nitroaniline	ND		22000	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Nitroaniline	ND		22000	2900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Nitrobenzene	ND		11000	240	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2-Nitrophenol	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
4-Nitrophenol	ND		37000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
N-Nitrosodiphenylamine	ND		5600	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
N-Nitrosodi-n-propylamine	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
bis (2-chloroisopropyl) ether	ND		11000	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Pentachlorophenol	ND		17000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Phenanthrene	**110000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Phenol	ND		5600	3000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
Pyrene	**55000**		740	370	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4,5-Trichlorophenol	ND		17000	2800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,4,6-Trichlorophenol	ND		17000	8900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100
2,6-Dinitrotoluene	ND		22000	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*63*		*24 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*
2,4,6-Tribromophenol	*0*	*X*	*10 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*
Nitrobenzene-d5	*71*		*20 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*
Phenol-d5	*63*		*26 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*
2-Fluorobiphenyl (Surr)	*70*		*24 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*
Terphenyl-d14 (Surr)	*80*		*36 - 110*	*10/11/12 11:40*	*10/16/12 16:42*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.040	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1221	ND		0.20	0.040	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1232	ND		0.20	0.040	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1242	ND		0.20	0.040	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1248	ND		0.20	0.040	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1254	ND		0.20	0.095	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1
PCB-1260	ND		0.20	0.095	mg/Kg	☼	10/12/12 14:24	10/13/12 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*36 - 182*	*10/12/12 14:24*	*10/13/12 15:49*	*1*
Tetrachloro-m-xylene	*75*		*24 - 172*	*10/12/12 14:24*	*10/13/12 15:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6490**		10.4	4.6	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Antimony	ND		15.6	0.42	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Arsenic	**3.4**		2.1	0.42	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Barium	**22.0**		0.52	0.11	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Beryllium	**0.33**		0.21	0.029	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Cadmium	ND		0.21	0.031	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Calcium	**4720**	**B**	52.2	3.4	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Chromium	**5.2**		0.52	0.21	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Cobalt	**8.2**	**B**	0.52	0.052	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B2 (5-7.5 FBG)
Date Collected: 10/04/12 11:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-6
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	12.3		1.0	0.22	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Iron	13600	B ^	10.4	1.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Lead	9.2		1.0	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Magnesium	3610	B	20.9	0.97	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Manganese	225	B7	0.21	0.033	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Nickel	14.5	B	5.2	0.24	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Potassium	780		31.3	20.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Selenium	0.61	J	4.2	0.42	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Silver	ND		0.52	0.21	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Sodium	128	J	146	13.6	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Thallium	ND		6.3	0.31	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Vanadium	9.8		0.52	0.11	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1
Zinc	35.9		2.1	0.16	mg/Kg	☼	10/10/12 08:45	10/10/12 17:18	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.085		0.021	0.0084	mg/Kg	☼	10/10/12 10:30	10/10/12 13:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	12.6		1.1	0.51	mg/Kg	☼	10/18/12 14:50	10/18/12 19:17	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-D (5-10 FBG)
Date Collected: 10/04/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-7
Matrix: Solid
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		30	1.9	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Acetone	**9.3**	**J**	30	5.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Benzene	**2.1**	**J**	5.9	0.29	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Carbon disulfide	ND		5.9	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Chloroform	ND		5.9	0.37	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Cyclohexane	ND		5.9	0.83	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Ethylbenzene	**5.2**	**J**	5.9	0.41	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Isopropylbenzene	**33**		5.9	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Methylcyclohexane	**8.8**		5.9	0.90	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Styrene	ND		5.9	0.30	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Toluene	**1.8**	**J**	5.9	0.45	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1
Xylenes, Total	**4.3**	**J**	12	0.99	ug/Kg	☼	10/09/12 10:28	10/09/12 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*10/09/12 10:28*	*10/09/12 16:11*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-D (5-10 FBG)
Date Collected: 10/04/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-7
Matrix: Solid
Percent Solids: 87.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/09/12 10:28*	*10/09/12 16:11*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*10/09/12 10:28*	*10/09/12 16:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**18000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Acenaphthylene	**2400**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Acetophenone	ND		2900	260	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Anthracene	**14000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Atrazine	ND		5700	260	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzaldehyde	ND		2900	340	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzo(a)anthracene	**12000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzo(b)fluoranthene	**6900**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzo(k)fluoranthene	**2900**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzo(g,h,i)perylene	**2200**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Benzo(a)pyrene	**7700**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Butyl benzyl phthalate	ND		1400	290	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Biphenyl	**5800**		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Bis(2-chloroethoxy)methane	ND		2900	630	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Bis(2-chloroethyl)ether	ND		2900	57	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Bis(2-ethylhexyl) phthalate	ND		1400	540	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Bromophenyl phenyl ether	ND		1400	370	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Caprolactam	ND		9400	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Carbazole	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Chloroaniline	ND		4300	490	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Chloro-3-methylphenol	ND		4300	600	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2-Chloronaphthalene	ND		1400	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2-Chlorophenol	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Chlorophenyl phenyl ether	ND		1400	370	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Chrysene	**11000**		190	31	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2-Methylnaphthalene	**2600**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Dibenz(a,h)anthracene	**910**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Dibenzofuran	**3700**		1400	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
3,3'-Dichlorobenzidine	ND		2900	510	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4-Dichlorophenol	ND		4300	570	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Diethyl phthalate	ND		1400	460	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4-Dimethylphenol	ND		4300	570	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Dimethyl phthalate	ND		1400	490	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4,6-Dinitro-2-methylphenol	ND		4300	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4-Dinitrophenol	ND		9400	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4-Dinitrotoluene	ND		5700	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Di-n-butyl phthalate	ND		1400	430	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Di-n-octyl phthalate	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Fluoranthene	**16000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Fluorene	**14000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Hexachlorobenzene	ND		190	60	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Hexachlorobutadiene	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Hexachlorocyclopentadiene	ND		9400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Hexachloroethane	ND		1400	260	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Indeno(1,2,3-cd)pyrene	**1700**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Isophorone	ND		1400	370	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-D (5-10 FBG)
Date Collected: 10/04/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-7
Matrix: Solid
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		5700	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Naphthalene	**2400**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2-Nitroaniline	ND		5700	260	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
3-Nitroaniline	ND		5700	460	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Nitroaniline	ND		5700	740	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Nitrobenzene	ND		2900	63	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2-Nitrophenol	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
4-Nitrophenol	ND		9400	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
N-Nitrosodiphenylamine	ND		1400	600	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
N-Nitrosodi-n-propylamine	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
bis (2-chloroisopropyl) ether	ND		2900	270	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Pentachlorophenol	ND		4300	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Phenanthrene	**46000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Phenol	ND		1400	770	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
Pyrene	**29000**		190	94	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4,5-Trichlorophenol	ND		4300	720	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,4,6-Trichlorophenol	ND		4300	2300	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25
2,6-Dinitrotoluene	ND		5700	600	ug/Kg	☼	10/11/12 11:40	10/16/12 17:53	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*82*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*
2,4,6-Tribromophenol	*58*		*10 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*
Nitrobenzene-d5	*86*		*20 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*
Phenol-d5	*86*		*26 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*
2-Fluorobiphenyl (Surr)	*85*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*
Terphenyl-d14 (Surr)	*91*		*36 - 110*	*10/11/12 11:40*	*10/16/12 17:53*	*25*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1254	ND		0.21	0.098	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1
PCB-1260	ND		0.21	0.098	mg/Kg	☼	10/12/12 14:24	10/13/12 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*36 - 182*	*10/12/12 14:24*	*10/13/12 16:03*	*1*
Tetrachloro-m-xylene	*102*		*24 - 172*	*10/12/12 14:24*	*10/13/12 16:03*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10800**		11.8	5.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Antimony	ND		17.7	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Arsenic	**2.6**		2.4	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Barium	**48.0**		0.59	0.13	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Beryllium	**0.50**		0.24	0.033	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Cadmium	ND		0.24	0.035	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Calcium	**2100**	**B**	58.9	3.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Chromium	**17.1**		0.59	0.24	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Cobalt	**12.2**	**B**	0.59	0.059	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-D (5-10 FBG)
Date Collected: 10/04/12 12:30
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-7
Matrix: Solid
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	15.6		1.2	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Iron	25900	B ^	11.8	1.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Lead	6.3		1.2	0.28	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Magnesium	7350	B	23.6	1.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Manganese	211	B7	0.24	0.038	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Nickel	22.0	B	5.9	0.27	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Potassium	3760		35.4	23.6	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Selenium	ND		4.7	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Silver	ND		0.59	0.24	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Sodium	224		165	15.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Thallium	ND		7.1	0.35	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Vanadium	34.5		0.59	0.13	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1
Zinc	58.1		2.4	0.18	mg/Kg	☼	10/10/12 08:45	10/10/12 17:20	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.023	0.0092	mg/Kg	☼	10/10/12 10:30	10/10/12 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.58	J B	1.0	0.50	mg/Kg	☼	10/16/12 22:06	10/17/12 10:33	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-A (10-12 FBG)
Date Collected: 10/04/12 15:00
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-8
Matrix: Solid
Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.48	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,1,2,2-Tetrachloroethane	ND		6.6	1.1	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,1,2-Trichloroethane	ND		6.6	0.86	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.5	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,1-Dichloroethane	ND		6.6	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,1-Dichloroethene	ND		6.6	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2,4-Trichlorobenzene	ND		6.6	0.40	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2-Dibromo-3-Chloropropane	ND		6.6	3.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2-Dibromoethane	ND		6.6	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2-Dichlorobenzene	ND		6.6	0.52	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2-Dichloroethane	ND		6.6	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,2-Dichloropropane	ND		6.6	3.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,3-Dichlorobenzene	ND		6.6	0.34	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
1,4-Dichlorobenzene	ND		6.6	0.93	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
2-Hexanone	ND		33	3.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
2-Butanone (MEK)	**10**	**J**	33	2.4	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
4-Methyl-2-pentanone (MIBK)	ND		33	2.2	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Acetone	**48**		33	5.6	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Benzene	ND		6.6	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Bromodichloromethane	ND		6.6	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Bromoform	ND		6.6	3.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Bromomethane	ND		6.6	0.60	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Carbon disulfide	ND		6.6	3.3	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Carbon tetrachloride	ND		6.6	0.64	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Chlorobenzene	ND		6.6	0.87	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Dibromochloromethane	ND		6.6	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Chloroethane	ND		6.6	1.5	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Chloroform	ND		6.6	0.41	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Chloromethane	ND		6.6	0.40	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
cis-1,2-Dichloroethene	ND		6.6	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
cis-1,3-Dichloropropene	ND		6.6	0.95	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Cyclohexane	ND		6.6	0.93	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Dichlorodifluoromethane	ND		6.6	0.55	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Ethylbenzene	**0.86**	**J**	6.6	0.46	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Isopropylbenzene	**4.6**	**J**	6.6	1.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Methyl acetate	ND		6.6	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Methyl tert-butyl ether	ND		6.6	0.65	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Methylcyclohexane	ND		6.6	1.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Methylene Chloride	ND		6.6	3.0	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Styrene	ND		6.6	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Tetrachloroethene	ND		6.6	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Toluene	ND		6.6	0.50	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
trans-1,2-Dichloroethene	ND		6.6	0.68	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
trans-1,3-Dichloropropene	ND		6.6	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Trichloroethene	ND		6.6	1.5	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Trichlorofluoromethane	ND		6.6	0.63	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Vinyl chloride	ND		6.6	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1
Xylenes, Total	**14**		13	1.1	ug/Kg	☼	10/09/12 10:28	10/09/12 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*10/09/12 10:28*	*10/09/12 16:36*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-A (10-12 FBG)
Date Collected: 10/04/12 15:00
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-8
Matrix: Solid
Percent Solids: 78.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*71 - 125*	*10/09/12 10:28*	*10/09/12 16:36*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*10/09/12 10:28*	*10/09/12 16:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**330**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Acenaphthylene	**190**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Acetophenone	ND		320	29	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Anthracene	**350**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Atrazine	ND		640	29	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzaldehyde	ND		320	38	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzo(a)anthracene	**1600**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzo(b)fluoranthene	**1200**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzo(k)fluoranthene	**370**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzo(g,h,i)perylene	**380**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Benzo(a)pyrene	**1200**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Butyl benzyl phthalate	ND		160	32	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Biphenyl	**120**	**J**	160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Bis(2-chloroethoxy)methane	ND		320	70	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Bis(2-chloroethyl)ether	ND		320	6.4	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Bis(2-ethylhexyl) phthalate	ND		160	60	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Bromophenyl phenyl ether	ND		160	41	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Caprolactam	ND		1000	120	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Carbazole	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Chloroaniline	ND		480	54	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Chloro-3-methylphenol	ND		480	67	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2-Chloronaphthalene	ND		160	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2-Chlorophenol	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Chlorophenyl phenyl ether	ND		160	41	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Chrysene	**1600**		21	3.5	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2-Methylnaphthalene	**120**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Dibenz(a,h)anthracene	ND		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Dibenzofuran	**65**	**J**	160	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
3,3'-Dichlorobenzidine	ND		320	57	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4-Dichlorophenol	ND		480	64	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Diethyl phthalate	ND		160	51	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4-Dimethylphenol	ND		480	64	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Dimethyl phthalate	ND		160	54	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4,6-Dinitro-2-methylphenol	ND		480	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4-Dinitrophenol	ND		1000	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4-Dinitrotoluene	ND		640	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Di-n-butyl phthalate	ND		160	48	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Di-n-octyl phthalate	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Fluoranthene	**1800**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Fluorene	**250**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Hexachlorobenzene	ND		21	6.7	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Hexachlorobutadiene	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Hexachlorocyclopentadiene	ND		1000	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Hexachloroethane	ND		160	29	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Indeno(1,2,3-cd)pyrene	**270**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Isophorone	ND		160	41	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-A (10-12 FBG)
Date Collected: 10/04/12 15:00
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-8
Matrix: Solid
Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		640	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Naphthalene	**270**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2-Nitroaniline	ND		640	29	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
3-Nitroaniline	ND		640	51	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Nitroaniline	ND		640	83	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Nitrobenzene	ND		320	7.0	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2-Nitrophenol	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
4-Nitrophenol	ND		1000	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
N-Nitrosodiphenylamine	ND		160	67	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
N-Nitrosodi-n-propylamine	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
bis (2-chloroisopropyl) ether	ND		320	30	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Pentachlorophenol	ND		480	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Phenanthrene	**940**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Phenol	ND		160	86	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
Pyrene	**3800**		21	10	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4,5-Trichlorophenol	ND		480	80	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,4,6-Trichlorophenol	ND		480	250	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5
2,6-Dinitrotoluene	ND		640	67	ug/Kg	☼	10/11/12 11:40	10/16/12 17:06	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*74*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*
2,4,6-Tribromophenol	*51*		*10 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*
Nitrobenzene-d5	*70*		*20 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*
Phenol-d5	*76*		*26 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*
2-Fluorobiphenyl (Surr)	*72*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*
Terphenyl-d14 (Surr)	*82*		*36 - 110*	*10/11/12 11:40*	*10/16/12 17:06*	*2.5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	10/12/12 14:24	10/13/12 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*36 - 182*	*10/12/12 14:24*	*10/13/12 16:18*	*1*
Tetrachloro-m-xylene	*120*		*24 - 172*	*10/12/12 14:24*	*10/13/12 16:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11300**		12.5	5.5	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Antimony	ND		18.7	0.50	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Arsenic	**5.4**		2.5	0.50	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Barium	**42.3**		0.62	0.14	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Beryllium	**0.55**		0.25	0.035	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Cadmium	ND		0.25	0.037	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Calcium	**17200**	**B**	62.3	4.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Chromium	**15.3**		0.62	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Cobalt	**10.5**	**B**	0.62	0.062	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-A (10-12 FBG)
Date Collected: 10/04/12 15:00
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-8
Matrix: Solid
Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	25.5		1.2	0.26	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Iron	24700	B ^	12.5	1.4	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Lead	39.1		1.2	0.30	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Magnesium	6200	B	24.9	1.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Manganese	514	B7	0.25	0.040	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Nickel	22.2	B	6.2	0.29	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Potassium	1260		37.4	24.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Selenium	1.0	J	5.0	0.50	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Silver	ND		0.62	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Sodium	137	J	175	16.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Thallium	ND		7.5	0.37	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Vanadium	17.0		0.62	0.14	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1
Zinc	91.6		2.5	0.19	mg/Kg	☼	10/10/12 08:45	10/10/12 17:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.12		0.024	0.0097	mg/Kg	☼	10/10/12 10:30	10/10/12 13:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.60	mg/Kg	☼	10/16/12 12:05	10/16/12 18:59	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-F (5-8.5 FBG)
Date Collected: 10/05/12 10:15
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-9
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.46	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,1,2-Trichloroethane	ND		6.3	0.82	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.4	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,1-Dichloroethane	ND		6.3	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,1-Dichloroethene	ND		6.3	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2-Dibromo-3-Chloropropane	ND		6.3	3.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2-Dibromoethane	ND		6.3	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2-Dichlorobenzene	ND		6.3	0.49	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2-Dichloroethane	ND		6.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,2-Dichloropropane	ND		6.3	3.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,3-Dichlorobenzene	ND		6.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
1,4-Dichlorobenzene	ND		6.3	0.88	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
2-Butanone (MEK)	**29**	**J**	32	2.3	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Acetone	**120**		32	5.3	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Benzene	**150**		6.3	0.31	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Bromodichloromethane	ND		6.3	0.84	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Bromomethane	ND		6.3	0.57	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Carbon disulfide	ND		6.3	3.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Carbon tetrachloride	ND		6.3	0.61	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Chlorobenzene	ND		6.3	0.83	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Dibromochloromethane	ND		6.3	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Chloroethane	ND		6.3	1.4	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Chloroform	ND		6.3	0.39	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Chloromethane	ND		6.3	0.38	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
cis-1,2-Dichloroethene	ND		6.3	0.81	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
cis-1,3-Dichloropropene	ND		6.3	0.91	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Cyclohexane	ND		6.3	0.88	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Dichlorodifluoromethane	ND		6.3	0.52	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Isopropylbenzene	**160**		6.3	0.95	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Methyl acetate	ND		6.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Methyl tert-butyl ether	ND		6.3	0.62	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Methylcyclohexane	**4.4**	**J**	6.3	0.96	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Methylene Chloride	ND		6.3	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Styrene	ND		6.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Tetrachloroethene	ND		6.3	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Toluene	**35**		6.3	0.48	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Trichloroethene	ND		6.3	1.4	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Trichlorofluoromethane	ND		6.3	0.60	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1
Vinyl chloride	ND		6.3	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*10/09/12 10:28*	*10/09/12 17:01*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*10/09/12 10:28*	*10/09/12 17:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*10/09/12 10:28*	*10/09/12 17:01*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-F (5-8.5 FBG)
Date Collected: 10/05/12 10:15
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-9
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**2300**		63	4.3	ug/Kg	☼	10/09/12 10:28	10/09/12 20:33	1
Xylenes, Total	**3200**		130	11	ug/Kg	☼	10/09/12 10:28	10/09/12 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*64 - 126*	*10/09/12 10:28*	*10/09/12 20:33*	*1*
Toluene-d8 (Surr)	*92*		*71 - 125*	*10/09/12 10:28*	*10/09/12 20:33*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*10/09/12 10:28*	*10/09/12 20:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**14000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Acenaphthylene	**1600**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Acetophenone	ND		6500	600	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Anthracene	**8500**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Atrazine	ND		13000	590	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzaldehyde	ND		6500	780	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzo(a)anthracene	**7000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzo(b)fluoranthene	**5300**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzo(k)fluoranthene	**2000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzo(g,h,i)perylene	**1400**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Benzo(a)pyrene	**5400**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Butyl benzyl phthalate	ND		3300	650	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Biphenyl	**4400**		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Bis(2-chloroethoxy)methane	ND		6500	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Bis(2-chloroethyl)ether	ND		6500	130	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Bis(2-ethylhexyl) phthalate	ND		3300	1200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Bromophenyl phenyl ether	ND		3300	850	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Caprolactam	ND		21000	2400	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Carbazole	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Chloroaniline	ND		9800	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Chloro-3-methylphenol	ND		9800	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Chloronaphthalene	ND		3300	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Chlorophenol	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Chlorophenyl phenyl ether	ND		3300	850	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Chrysene	**7400**		430	72	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Methylnaphthalene	**31000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Dibenz(a,h)anthracene	ND		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Dibenzofuran	**2000**	**J**	3300	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
3,3'-Dichlorobenzidine	ND		6500	1200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4-Dichlorophenol	ND		9800	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Diethyl phthalate	ND		3300	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4-Dimethylphenol	ND		9800	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Dimethyl phthalate	ND		3300	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4,6-Dinitro-2-methylphenol	ND		9800	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4-Dinitrophenol	ND		21000	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4-Dinitrotoluene	ND		13000	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Di-n-butyl phthalate	ND		3300	980	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Di-n-octyl phthalate	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Fluoranthene	**12000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Fluorene	**8200**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Hexachlorobenzene	ND		430	140	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-F (5-8.5 FBG)
Date Collected: 10/05/12 10:15
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-9
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Hexachlorocyclopentadiene	ND		21000	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Hexachloroethane	ND		3300	590	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Indeno(1,2,3-cd)pyrene	**1500**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Isophorone	ND		3300	850	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Methylphenol	ND		13000	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Naphthalene	**56000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Nitroaniline	ND		13000	590	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
3-Nitroaniline	ND		13000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Nitroaniline	ND		13000	1700	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Nitrobenzene	ND		6500	140	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2-Nitrophenol	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
4-Nitrophenol	ND		21000	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
N-Nitrosodiphenylamine	ND		3300	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
N-Nitrosodi-n-propylamine	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
bis (2-chloroisopropyl) ether	ND		6500	620	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Pentachlorophenol	ND		9800	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Phenanthrene	**34000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Phenol	ND		3300	1800	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
Pyrene	**18000**		430	210	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4,5-Trichlorophenol	ND		9800	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,4,6-Trichlorophenol	ND		9800	5200	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50
2,6-Dinitrotoluene	ND		13000	1400	ug/Kg	☼	10/11/12 11:40	10/16/12 15:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*54*		*24 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*
2,4,6-Tribromophenol	*34*		*10 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*
Nitrobenzene-d5	*59*		*20 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*
Phenol-d5	*58*		*26 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*
2-Fluorobiphenyl (Surr)	*55*		*24 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*
Terphenyl-d14 (Surr)	*59*		*36 - 110*	*10/11/12 11:40*	*10/16/12 15:55*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1254	ND		0.29	0.13	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1
PCB-1260	ND		0.29	0.13	mg/Kg	☼	10/12/12 14:24	10/13/12 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*36 - 182*	*10/12/12 14:24*	*10/13/12 16:33*	*1*
Tetrachloro-m-xylene	*77*		*24 - 172*	*10/12/12 14:24*	*10/13/12 16:33*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11200**		11.7	5.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Antimony	ND		17.6	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Arsenic	**3.8**		2.3	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Barium	**81.3**		0.59	0.13	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-F (5-8.5 FBG)
Date Collected: 10/05/12 10:15
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-9
Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.52		0.23	0.033	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Cadmium	ND		0.23	0.035	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Calcium	3370	B	58.7	3.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Chromium	17.9		0.59	0.23	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Cobalt	10	B	0.59	0.059	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Copper	28.3		1.2	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Iron	20500	B ^	11.7	1.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Lead	27.1		1.2	0.28	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Magnesium	6440	B	23.5	1.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Manganese	440	B7	0.23	0.038	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Nickel	17.7	B	5.9	0.27	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Potassium	3380		35.2	23.5	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Selenium	ND		4.7	0.47	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Silver	ND		0.59	0.23	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Sodium	363		164	15.3	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Thallium	ND		7.0	0.35	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Vanadium	27.8		0.59	0.13	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1
Zinc	64.6		2.3	0.18	mg/Kg	☼	10/10/12 08:45	10/10/12 17:25	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.054		0.026	0.011	mg/Kg	☼	10/10/12 10:30	10/10/12 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	1.7	B	1.2	0.60	mg/Kg	☼	10/10/12 16:41	10/11/12 04:21	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-E (5-9 FBG)
Date Collected: 10/05/12 10:55
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-10
Matrix: Solid
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2-Dibromo-3-Chloropropane	ND		5.9	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,2-Dichloropropane	ND		5.9	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
1,4-Dichlorobenzene	ND		5.9	0.82	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
2-Butanone (MEK)	**5.0**	**J**	29	2.2	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Acetone	**28**	**J**	29	5.0	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Benzene	**12**		5.9	0.29	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Bromoform	ND		5.9	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Carbon disulfide	ND		5.9	2.9	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Dibromochloromethane	ND		5.9	0.75	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Chloroform	ND		5.9	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
cis-1,2-Dichloroethene	ND		5.9	0.75	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Cyclohexane	ND		5.9	0.82	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Ethylbenzene	**190**		5.9	0.41	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Isopropylbenzene	**75**		5.9	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Methylcyclohexane	**6.2**		5.9	0.90	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Styrene	ND		5.9	0.29	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Toluene	**4.9**	**J**	5.9	0.45	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1
Xylenes, Total	**230**		12	0.99	ug/Kg	☼	10/09/12 10:28	10/09/12 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*10/09/12 10:28*	*10/09/12 20:58*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-E (5-9 FBG)
Date Collected: 10/05/12 10:55
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-10
Matrix: Solid
Percent Solids: 83.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/09/12 10:28*	*10/09/12 20:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*10/09/12 10:28*	*10/09/12 20:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**7200**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Acenaphthylene	**2100**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Acetophenone	ND		6000	550	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Anthracene	**10000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Atrazine	ND		12000	540	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzaldehyde	ND		6000	720	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzo(a)anthracene	**15000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzo(b)fluoranthene	**15000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzo(k)fluoranthene	**4900**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzo(g,h,i)perylene	**4100**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Benzo(a)pyrene	**13000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Butyl benzyl phthalate	ND		3000	600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Biphenyl	**2600**	**J**	3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Bis(2-chloroethoxy)methane	ND		6000	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Bis(2-chloroethyl)ether	ND		6000	120	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Bis(2-ethylhexyl) phthalate	ND		3000	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Bromophenyl phenyl ether	ND		3000	780	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Caprolactam	ND		20000	2200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Carbazole	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Chloroaniline	ND		9000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Chloro-3-methylphenol	ND		9000	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2-Chloronaphthalene	ND		3000	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2-Chlorophenol	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Chlorophenyl phenyl ether	ND		3000	780	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Chrysene	**15000**		400	66	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2-Methylnaphthalene	**1500**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Dibenz(a,h)anthracene	**1700**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Dibenzofuran	**1800**	**J**	3000	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
3,3'-Dichlorobenzidine	ND		6000	1100	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4-Dichlorophenol	ND		9000	1200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Diethyl phthalate	ND		3000	960	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4-Dimethylphenol	ND		9000	1200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Dimethyl phthalate	ND		3000	1000	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4,6-Dinitro-2-methylphenol	ND		9000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4-Dinitrophenol	ND		20000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4-Dinitrotoluene	ND		12000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Di-n-butyl phthalate	ND		3000	900	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Di-n-octyl phthalate	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Fluoranthene	**22000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Fluorene	**7900**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Hexachlorobenzene	ND		400	130	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Hexachlorobutadiene	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Hexachlorocyclopentadiene	ND		20000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Hexachloroethane	ND		3000	540	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Indeno(1,2,3-cd)pyrene	**3700**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Isophorone	ND		3000	780	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-E (5-9 FBG)
Date Collected: 10/05/12 10:55
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-10
Matrix: Solid
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		12000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Naphthalene	**2900**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2-Nitroaniline	ND		12000	540	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
3-Nitroaniline	ND		12000	960	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Nitroaniline	ND		12000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Nitrobenzene	ND		6000	130	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2-Nitrophenol	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
4-Nitrophenol	ND		20000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
N-Nitrosodiphenylamine	ND		3000	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
N-Nitrosodi-n-propylamine	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
bis (2-chloroisopropyl) ether	ND		6000	570	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Pentachlorophenol	ND		9000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Phenanthrene	**33000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Phenol	ND		3000	1600	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
Pyrene	**32000**		400	200	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4,5-Trichlorophenol	ND		9000	1500	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,4,6-Trichlorophenol	ND		9000	4800	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50
2,6-Dinitrotoluene	ND		12000	1300	ug/Kg	☼	10/11/12 11:40	10/16/12 16:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*52*		*24 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*
2,4,6-Tribromophenol	*40*		*10 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*
Nitrobenzene-d5	*58*		*20 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*
Phenol-d5	*53*		*26 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*
2-Fluorobiphenyl (Surr)	*54*		*24 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*
Terphenyl-d14 (Surr)	*58*		*36 - 110*	*10/11/12 11:40*	*10/16/12 16:19*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	10/12/12 14:24	10/13/12 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*36 - 182*	*10/12/12 14:24*	*10/13/12 16:48*	*1*
Tetrachloro-m-xylene	*90*		*24 - 172*	*10/12/12 14:24*	*10/13/12 16:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6430**		11.2	4.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Antimony	ND		16.9	0.45	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Arsenic	**12.5**		2.2	0.45	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Barium	**192**		0.56	0.12	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Beryllium	**0.54**		0.22	0.031	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Cadmium	ND		0.22	0.034	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Calcium	**12500**	**B**	56.2	3.7	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Chromium	**15.2**		0.56	0.22	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Cobalt	**6.4**	**B**	0.56	0.056	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-E (5-9 FBG)
Date Collected: 10/05/12 10:55
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-10
Matrix: Solid
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	37.6		1.1	0.24	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Iron	15600	B ^	11.2	1.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Lead	347		1.1	0.27	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Magnesium	3010	B	22.5	1.0	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Manganese	340	B7	0.22	0.036	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Nickel	14.5	B	5.6	0.26	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Potassium	727		33.7	22.5	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Selenium	1.3	J	4.5	0.45	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Silver	0.23	J	0.56	0.22	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Sodium	249		157	14.6	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Thallium	ND		6.7	0.34	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Vanadium	16.9		0.56	0.12	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1
Zinc	177		2.2	0.17	mg/Kg	☼	10/10/12 08:45	10/10/12 17:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	1.1		0.12	0.048	mg/Kg	☼	10/10/12 10:30	10/10/12 13:47	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	1.2	B	0.98	0.47	mg/Kg	☼	10/10/12 16:41	10/11/12 04:19	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-C (10-11.5 FBG)
Date Collected: 10/05/12 11:35
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-11
Matrix: Solid
Percent Solids: 89.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.38	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.85	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,1,2-Trichloroethane	ND		5.3	0.69	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,1-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,1-Dichloroethene	ND		5.3	0.65	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2,4-Trichlorobenzene	ND		5.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2-Dibromo-3-Chloropropane	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2-Dibromoethane	ND		5.3	0.68	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2-Dichlorobenzene	ND		5.3	0.41	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2-Dichloroethane	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,2-Dichloropropane	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,3-Dichlorobenzene	ND		5.3	0.27	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
1,4-Dichlorobenzene	ND		5.3	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
2-Hexanone	ND		26	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
2-Butanone (MEK)	**3.0**	**J**	26	1.9	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Acetone	**20**	**J**	26	4.4	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Benzene	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Bromodichloromethane	ND		5.3	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Bromomethane	ND		5.3	0.47	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Carbon disulfide	ND		5.3	2.6	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Carbon tetrachloride	ND		5.3	0.51	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Chlorobenzene	ND		5.3	0.70	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Dibromochloromethane	ND		5.3	0.67	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Chloroethane	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Chloroform	ND		5.3	0.33	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Chloromethane	ND		5.3	0.32	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
cis-1,2-Dichloroethene	ND		5.3	0.67	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
cis-1,3-Dichloropropene	ND		5.3	0.76	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Cyclohexane	ND		5.3	0.74	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Dichlorodifluoromethane	ND		5.3	0.44	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Ethylbenzene	**5.1**	**J**	5.3	0.36	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Isopropylbenzene	**4.4**	**J**	5.3	0.79	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Methyl acetate	ND		5.3	0.98	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Methyl tert-butyl ether	ND		5.3	0.52	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Methylcyclohexane	ND		5.3	0.80	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Methylene Chloride	ND		5.3	2.4	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Styrene	ND		5.3	0.26	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Tetrachloroethene	ND		5.3	0.71	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Toluene	ND		5.3	0.40	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
trans-1,2-Dichloroethene	ND		5.3	0.54	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
trans-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Trichloroethene	ND		5.3	1.2	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Trichlorofluoromethane	ND		5.3	0.50	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1
Xylenes, Total	**8.4**	**J**	11	0.89	ug/Kg	☼	10/09/12 10:28	10/09/12 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*10/09/12 10:28*	*10/09/12 17:52*	*1*

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-C (10-11.5 FBG)
Date Collected: 10/05/12 11:35
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-11
Matrix: Solid
Percent Solids: 89.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*71 - 125*	*10/09/12 10:28*	*10/09/12 17:52*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/09/12 10:28*	*10/09/12 17:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**2200**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Acenaphthylene	**310**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Acetophenone	ND		570	52	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Anthracene	**3100**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Atrazine	ND		1100	51	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzaldehyde	ND		570	68	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzo(a)anthracene	**1500**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzo(b)fluoranthene	**990**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzo(k)fluoranthene	**330**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzo(g,h,i)perylene	**380**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Benzo(a)pyrene	**1200**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Butyl benzyl phthalate	ND		280	57	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Biphenyl	**780**		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Bis(2-chloroethoxy)methane	ND		570	120	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Bis(2-chloroethyl)ether	ND		570	11	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Bis(2-ethylhexyl) phthalate	ND		280	110	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Bromophenyl phenyl ether	ND		280	74	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Caprolactam	ND		1900	210	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Carbazole	**310**		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Chloroaniline	ND		850	96	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Chloro-3-methylphenol	ND		850	120	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2-Chloronaphthalene	ND		280	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2-Chlorophenol	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Chlorophenyl phenyl ether	ND		280	74	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Chrysene	**1500**		38	6.2	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2-Methylnaphthalene	**1400**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Dibenz(a,h)anthracene	ND		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Dibenzofuran	**140**	**J**	280	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
3,3'-Dichlorobenzidine	ND		570	100	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4-Dichlorophenol	ND		850	110	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Diethyl phthalate	ND		280	90	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4-Dimethylphenol	**260**	**J**	850	110	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Dimethyl phthalate	ND		280	96	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4,6-Dinitro-2-methylphenol	ND		850	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4-Dinitrophenol	ND		1900	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4-Dinitrotoluene	ND		1100	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Di-n-butyl phthalate	**94**	**J**	280	85	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Di-n-octyl phthalate	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Fluoranthene	**1600**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Fluorene	**2400**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Hexachlorobenzene	ND		38	12	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Hexachlorobutadiene	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Hexachlorocyclopentadiene	ND		1900	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Hexachloroethane	ND		280	51	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Indeno(1,2,3-cd)pyrene	**280**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Isophorone	ND		280	74	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-C (10-11.5 FBG)
Date Collected: 10/05/12 11:35
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-11
Matrix: Solid
Percent Solids: 89.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		1100	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Naphthalene	**1100**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2-Nitroaniline	ND		1100	51	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
3-Nitroaniline	ND		1100	90	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Nitroaniline	ND		1100	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Nitrobenzene	ND		570	12	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2-Nitrophenol	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
4-Nitrophenol	ND		1900	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
N-Nitrosodiphenylamine	ND		280	120	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
N-Nitrosodi-n-propylamine	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
bis (2-chloroisopropyl) ether	ND		570	54	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Pentachlorophenol	ND		850	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Phenanthrene	**6000**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Phenol	ND		280	150	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
Pyrene	**3800**		38	19	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4,5-Trichlorophenol	ND		850	140	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,4,6-Trichlorophenol	ND		850	450	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5
2,6-Dinitrotoluene	ND		1100	120	ug/Kg	☼	10/11/12 11:40	10/16/12 17:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*68*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*
2,4,6-Tribromophenol	*54*		*10 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*
Nitrobenzene-d5	*64*		*20 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*
Phenol-d5	*69*		*26 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*
2-Fluorobiphenyl (Surr)	*65*		*24 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*
Terphenyl-d14 (Surr)	*72*		*36 - 110*	*10/11/12 11:40*	*10/16/12 17:29*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1254	ND		0.21	0.097	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1
PCB-1260	ND		0.21	0.097	mg/Kg	☼	10/12/12 14:24	10/13/12 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*36 - 182*	*10/12/12 14:24*	*10/13/12 17:02*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*10/12/12 14:24*	*10/13/12 17:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9780**		11.0	4.9	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Antimony	ND		16.6	0.44	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Arsenic	**5.9**		2.2	0.44	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Barium	**88.2**		0.55	0.12	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Beryllium	**0.56**		0.22	0.031	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Cadmium	ND		0.22	0.033	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Calcium	**15500**	**B**	55.2	3.6	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Chromium	**14.7**		0.55	0.22	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Cobalt	**7.7**	**B**	0.55	0.055	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-C (10-11.5 FBG)
Date Collected: 10/05/12 11:35
Date Received: 10/09/12 09:00

Lab Sample ID: 480-26313-11
Matrix: Solid
Percent Solids: 89.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	23.3		1.1	0.23	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Iron	21000	B ^	11.0	1.2	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Lead	50.5		1.1	0.26	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Magnesium	7650	B	22.1	1.0	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Manganese	525	B7	0.22	0.035	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Nickel	18.8	B	5.5	0.25	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Potassium	1090		33.1	22.1	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Selenium	0.79	J	4.4	0.44	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Silver	ND		0.55	0.22	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Sodium	152	J	155	14.4	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Thallium	ND		6.6	0.33	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Vanadium	21.0		0.55	0.12	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1
Zinc	102		2.2	0.17	mg/Kg	☼	10/10/12 08:45	10/10/12 17:29	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.063		0.021	0.0086	mg/Kg	☼	10/10/12 10:30	10/10/12 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.57	J B	1.1	0.52	mg/Kg	☼	10/16/12 22:06	10/17/12 10:34	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: GW-01

Lab Sample ID: 480-26313-1

Date Collected: 10/05/12 12:30

Matrix: Water

Date Received: 10/09/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	84753	10/10/12 17:55	RL	TAL BUF
Total/NA	Prep	3510C			84825	10/10/12 16:47	DE	TAL BUF
Total/NA	Analysis	8270C		1	85141	10/12/12 22:08	RMM	TAL BUF
Total/NA	Prep	3510C			85335	10/13/12 10:03	MRB	TAL BUF
Total/NA	Analysis	8082		1	85461	10/15/12 14:53	JM	TAL BUF
Total/NA	Prep	7470A			84719	10/10/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	84795	10/10/12 13:14	JRK	TAL BUF
Total/NA	Prep	3005A			84621	10/09/12 15:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	84813	10/10/12 11:34	MM	TAL BUF
Total/NA	Prep	9012A			85049	10/11/12 19:43	NH	TAL BUF
Total/NA	Analysis	9012A		1	85261	10/12/12 20:16	NH	TAL BUF

Client Sample ID: GW-02

Lab Sample ID: 480-26313-2

Date Collected: 10/05/12 10:20

Matrix: Water

Date Received: 10/09/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	84753	10/10/12 18:19	RL	TAL BUF
Total/NA	Prep	3510C			84825	10/10/12 16:47	DE	TAL BUF
Total/NA	Analysis	8270C		1	85141	10/12/12 22:32	RMM	TAL BUF
Total/NA	Prep	3510C			85335	10/13/12 10:03	MRB	TAL BUF
Total/NA	Analysis	8082		1	85461	10/15/12 15:08	JM	TAL BUF
Total/NA	Prep	7470A			84719	10/10/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	84795	10/10/12 13:16	JRK	TAL BUF
Total/NA	Prep	3005A			84621	10/09/12 15:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	84813	10/10/12 11:41	MM	TAL BUF
Total/NA	Prep	9012A			85619	10/15/12 23:30	LAW	TAL BUF
Total/NA	Analysis	9012A		1	85790	10/16/12 16:27	NH	TAL BUF

Client Sample ID: GW-04

Lab Sample ID: 480-26313-3

Date Collected: 10/05/12 12:05

Matrix: Water

Date Received: 10/09/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	84753	10/10/12 18:43	RL	TAL BUF
Total/NA	Prep	3510C			84825	10/10/12 16:47	DE	TAL BUF
Total/NA	Analysis	8270C		1	85141	10/12/12 22:55	RMM	TAL BUF
Total/NA	Prep	3510C			85335	10/13/12 10:03	MRB	TAL BUF
Total/NA	Analysis	8082		1	85461	10/15/12 15:23	JM	TAL BUF
Total/NA	Prep	7470A			84719	10/10/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	84795	10/10/12 13:18	JRK	TAL BUF
Total/NA	Prep	3005A			84621	10/09/12 15:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	84813	10/10/12 11:52	MM	TAL BUF
Total/NA	Prep	9012A			85049	10/11/12 19:43	NH	TAL BUF

Client Sample ID: GW-04

Lab Sample ID: 480-26313-3

Date Collected: 10/05/12 12:05

Matrix: Water

Date Received: 10/09/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9012A		1	85261	10/12/12 20:15	NH	TAL BUF

Client Sample ID: GW-05

Lab Sample ID: 480-26313-4

Date Collected: 10/05/12 11:25

Matrix: Water

Date Received: 10/09/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	84753	10/10/12 19:07	RL	TAL BUF
Total/NA	Prep	3510C			84825	10/10/12 16:47	DE	TAL BUF
Total/NA	Analysis	8270C		1	87101	10/24/12 04:01	RMM	TAL BUF
Total/NA	Prep	3510C			85335	10/13/12 10:03	MRB	TAL BUF
Total/NA	Analysis	8082		1	85461	10/15/12 15:38	JM	TAL BUF
Total/NA	Prep	7470A			84719	10/10/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	84795	10/10/12 13:20	JRK	TAL BUF
Total/NA	Prep	3005A			84621	10/09/12 15:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	84813	10/10/12 11:54	MM	TAL BUF
Total/NA	Prep	9012A			85049	10/11/12 19:43	NH	TAL BUF
Total/NA	Analysis	9012A		1	85261	10/12/12 20:13	NH	TAL BUF

Client Sample ID: SB-B1 (2-3 FBG)

Lab Sample ID: 480-26313-5

Date Collected: 10/04/12 10:30

Matrix: Solid

Date Received: 10/09/12 09:00

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 15:21	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		50	61439	10/16/12 14:45	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 15:34	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	84800	10/10/12 13:29	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:02	LH	TAL BUF
Total/NA	Prep	9012A			84824	10/10/12 16:41	NH	TAL BUF
Total/NA	Analysis	9012A		1	84874	10/11/12 04:22	BM	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF

Client Sample ID: SB-B2 (5-7.5 FBG)

Lab Sample ID: 480-26313-6

Date Collected: 10/04/12 11:30

Matrix: Solid

Date Received: 10/09/12 09:00

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-B2 (5-7.5 FBG)

Lab Sample ID: 480-26313-6

Date Collected: 10/04/12 11:30
Matrix: Solid
Date Received: 10/09/12 09:00
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	84563	10/09/12 15:46	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		100	61439	10/16/12 16:42	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 15:49	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	84800	10/10/12 13:36	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:18	LH	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF
Total/NA	Prep	9012A			86299	10/18/12 14:50	LK	TAL BUF
Total/NA	Analysis	9012A		1	86331	10/18/12 19:17	NH	TAL BUF

Client Sample ID: SB-D (5-10 FBG)

Lab Sample ID: 480-26313-7

Date Collected: 10/04/12 12:30
Matrix: Solid
Date Received: 10/09/12 09:00
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 16:11	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		25	61439	10/16/12 17:53	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 16:03	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	84800	10/10/12 13:38	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:20	LH	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF
Total/NA	Prep	9012A			85878	10/16/12 22:06	LAW	TAL BUF
Total/NA	Analysis	9012A		1	85980	10/17/12 10:33	KS	TAL BUF

Client Sample ID: SB-A (10-12 FBG)

Lab Sample ID: 480-26313-8

Date Collected: 10/04/12 15:00
Matrix: Solid
Date Received: 10/09/12 09:00
Percent Solids: 78.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 16:36	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		2.5	61439	10/16/12 17:06	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 16:18	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF

Client Sample ID: SB-A (10-12 FBG)

Lab Sample ID: 480-26313-8

Date Collected: 10/04/12 15:00

Matrix: Solid

Date Received: 10/09/12 09:00

Percent Solids: 78.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471A		1	84800	10/10/12 13:40	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:22	LH	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF
Total/NA	Prep	9012A			85736	10/16/12 12:05	EGN	TAL BUF
Total/NA	Analysis	9012A		1	85849	10/16/12 18:59	NH	TAL BUF

Client Sample ID: SB-F (5-8.5 FBG)

Lab Sample ID: 480-26313-9

Date Collected: 10/05/12 10:15

Matrix: Solid

Date Received: 10/09/12 09:00

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 17:01	CDC	TAL BUF
Total/NA	Prep	5035	DL		84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B	DL	1	84563	10/09/12 20:33	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		50	61439	10/16/12 15:55	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 16:33	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	84800	10/10/12 13:42	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:25	LH	TAL BUF
Total/NA	Prep	9012A			84824	10/10/12 16:41	NH	TAL BUF
Total/NA	Analysis	9012A		1	84874	10/11/12 04:21	BM	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF

Client Sample ID: SB-E (5-9 FBG)

Lab Sample ID: 480-26313-10

Date Collected: 10/05/12 10:55

Matrix: Solid

Date Received: 10/09/12 09:00

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 20:58	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		50	61439	10/16/12 16:19	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 16:48	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		5	84800	10/10/12 13:47	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:27	LH	TAL BUF
Total/NA	Prep	9012A			84824	10/10/12 16:41	NH	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Client Sample ID: SB-E (5-9 FBG)

Lab Sample ID: 480-26313-10

Date Collected: 10/05/12 10:55
Matrix: Solid
Date Received: 10/09/12 09:00
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9012A		1	84874	10/11/12 04:19	BM	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF

Client Sample ID: SB-C (10-11.5 FBG)

Lab Sample ID: 480-26313-11

Date Collected: 10/05/12 11:35
Matrix: Solid
Date Received: 10/09/12 09:00
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			84569	10/09/12 10:28	JMB	TAL BUF
Total/NA	Analysis	8260B		1	84563	10/09/12 17:52	CDC	TAL BUF
Total/NA	Prep	3540C			60991	10/11/12 11:40	CC	TAL NC
Total/NA	Analysis	8270C		5	61439	10/16/12 17:29	TH	TAL NC
Total/NA	Prep	3550B			85214	10/12/12 14:24	CM	TAL BUF
Total/NA	Analysis	8082		1	85303	10/13/12 17:02	JM	TAL BUF
Total/NA	Prep	7471A			84756	10/10/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	84800	10/10/12 13:49	JRK	TAL BUF
Total/NA	Prep	3050B			84722	10/10/12 08:45	JM	TAL BUF
Total/NA	Analysis	6010B		1	85525	10/10/12 17:29	LH	TAL BUF
Total/NA	Analysis	Moisture		1	85056	10/11/12 21:08	MD	TAL BUF
Total/NA	Prep	9012A			85878	10/16/12 22:06	LAW	TAL BUF
Total/NA	Analysis	9012A		1	85980	10/17/12 10:34	KS	TAL BUF

Laboratory References:

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

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAC	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAC	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAC	5	200004	07-31-13
Kansas	NELAC	7	E-10336	01-31-13
Kentucky	State Program	4	58	11-16-12
L-A-B	DoD ELAP		L2315	02-28-13
Minnesota	NELAC	5	039-999-348	12-31-12
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAC	2	OH001	06-30-13
New York	NELAC	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAC	3	68-00340	08-31-13
Texas	NELAC	6		08-03-13

Certification Summary

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Laboratory: TestAmerica Canton (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAC	3	460175	09-14-13
Washington	State Program	10	C971	01-12-13
West Virginia DEP	State Program	3	210	12-31-12
Wisconsin	State Program	5	999518190	08-31-13

Method Summary

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: New York State D.E.C.
Project/Site: Cold Spring MGP #340026

TestAmerica Job ID: 480-26313-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-26313-1	GW-01	Water	10/05/12 12:30	10/09/12 09:00
480-26313-2	GW-02	Water	10/05/12 10:20	10/09/12 09:00
480-26313-3	GW-04	Water	10/05/12 12:05	10/09/12 09:00
480-26313-4	GW-05	Water	10/05/12 11:25	10/09/12 09:00
480-26313-5	SB-B1 (2-3 FBG)	Solid	10/04/12 10:30	10/09/12 09:00
480-26313-6	SB-B2 (5-7.5 FBG)	Solid	10/04/12 11:30	10/09/12 09:00
480-26313-7	SB-D (5-10 FBG)	Solid	10/04/12 12:30	10/09/12 09:00
480-26313-8	SB-A (10-12 FBG)	Solid	10/04/12 15:00	10/09/12 09:00
480-26313-9	SB-F (5-8.5 FBG)	Solid	10/05/12 10:15	10/09/12 09:00
480-26313-10	SB-E (5-9 FBG)	Solid	10/05/12 10:55	10/09/12 09:00
480-26313-11	SB-C (10-11.5 FBG)	Solid	10/05/12 11:35	10/09/12 09:00

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716 691 7991

Cooler 1 of 1

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Paul Lindell	Site Contact:	Date:	COC No
GES for NYSDEC	Tel/Fax: ext. 3859	Lab Contact:	Carrier:	1 of 1 COCs
70 Jon Barrett Rd., Suite B	Analysis Turnaround Time			Job No. 1102342-02-201
Patterson, NY 12563	Calendar (C) or Work Days (W)			site# 340026
(866) 839-5195 Phone	TAT if different from Below			pin#
(845) 878-8077 FAX	~~2 weeks~~ CR			Callout#: 121210
Project Name: NYSDEC Cold Spring MGP	☑ 1 week			SDG No.
Site: 5 New Street, Cold Spring, NY	☐ 2 days			
P O # Callout#: 121210	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260B TCL VOCs	8270C TCL SVOCs	6010B TAL Metals & 7470A Mercury	8082 PCBs	9012A Total Cyanide	Sample Specific Notes
GW-01	10/5/12	12:30	Grab	GW	9		X	X	X	X	X	
GW-02	10/5/12	10:20	Grab	GW	9		X	X	X	X	X	
~~GW-03~~			Grab	~~GW~~	~~9~~		X	X	X	X	X	CMR
GW-04	10/5/12	12:05	Grab	GW	9		X	X	X	X	X	
GW-05	10/5/12	11:25	Grab	GW	9		X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

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

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

Special Instructions/QC Requirements & Comments:

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	GES	10/5/12 15:15	Fridge	GES	
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	GES	10/8/12 15:00		Fedex	
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
					10/9/12 0910

Form No. CA-C-WI-002, dated 04/07/2011

5.3,4,6,8,15,12,14 #1

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716 504 9852 fax 716 691 7991

Cooler 1 of 2

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Paul Lindell	Site Contact:	Date:	COC No
GES for NYSDEC	Tel/Fax: ext. 3859	Lab Contact:	Carrier:	1 of 1 COCs
70 Jon Barrett Rd., Suite B	Analysis Turnaround Time			Job No. 1102342-02-201
Patterson, NY 12563	Calendar (C) or Work Days (W)			site# 340026
(866) 839-5195 Phone	TAT if different from Below			pin#
(845) 878-8077 FAX	2 weeks (CA)			Callout#:
Project Name: NYSDEC Cold Spring MGP	[X] 1 week			SDG No.
Site: 5 New Street, Cold Spring, NY	[ ] 2 days			
P O # Callout#: 121210	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	8260 TCL VOCs	8270 TCL SVOCs	PAC: Metals via 6000/7000 Series (CP)	8082 PCBs	9012 Cyanide	6010B TAL Metals	7471A Hg	Sample Specific Notes
SB-B1 (2-3 fbg)	10/4/12	1030	G	SO	7		x	x		x	x	X	X	
SB-B2 (5-7.5 fbg)	10/4/12	1130	G	SO	4		X	X		X	X	X	X	
SB-D (5-10 fbg)	10/4/12	1230	G	SO	3		X	X		X	X	X	X	
SB-A (10-12 fbg)	10/4/12	1500	G	SO	4		X	X		X	X	X	X	
SB-F (5-8.5 fbg)	10/5/12	1015	G	SO	5		X	X		X	X	X	X	
SB-E (5-9 fbg)	10/5/12	1055	G	SO	5		X	X		X	X	X	X	
SB-C (10-11.5 fbg)	10/5/12	1135	G	SO	3		X	X		X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [X] Skin Irritant Poison B [ ] Unknown [ ]

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

Special Instructions/QC Requirements & Comments:

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
C. Cuttle	GES	10/5/12	GES		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
D. Simon	GES	10/8/12 1415			10/9/12 0910
Relinquished by	Company	Date/Time	Received by	Company	Date/Time

7.9,4.0

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-26313-1

Login Number: 26313

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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.	True	
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.	True	GES
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-26313-1

Login Number: 26313
List Number: 1
Creator: Maddux, Ann

List Source: TestAmerica Canton
List Creation: 10/10/12 03:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	REFER TO COOLER RECEIPT FORM
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	N/A	
Samples are received within Holding Time.	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	N/A	
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	