ALTAMONT ENVIRONMENTAL, INC.
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Transmitted by email
tracy.wahl@ncdenr.gov

September 26, 2013

Ms. Tracy Wahl
Brownfields Project Manager
North Carolina Department of Environment and Natural Resources
339 New Leicester Highway, Suite 140
Asheville, North Carolina 28806

Subject: Phase II Environmental Site Assessment Update
Former Grey Hosiery Mill
301 Fourth Avenue East
Hendersonville, North Carolina

Dear Ms. Wahl:

Altamont Environmental, Inc. (Altamont) has completed an update of the Phase II Environmental Site Assessment (ESA) of the former Grey Hosiery Mill property (the site) located at 301 Fourth Avenue East in Hendersonville, North Carolina. This letter contains the investigation background, methods, findings, and recommendations.

The purpose of the assessment was to update the *Brownfield Site Assessment Report—Former Grey Hosiery Mill* (2005 Phase II ESA) prepared by Hart and Hickman, PC (H&H), dated April 21, 2005. In summary, a monitoring well evaluation and groundwater sampling event was conducted on August 28, 2013. The approximate site location is depicted on Figure 1.

Background

The site is currently owned by the City of Hendersonville, which intends to redevelop the site property as classroom space for Wingate University with related commercial uses. Both the 2005 Phase II ESA and this Phase II ESA Update was performed for the Land-of-Sky Regional Council who is working in cooperation with the City of Hendersonville to redevelop the site under a Brownfields Agreement.

According to the 2005 Phase II ESA prepared by H&H, the site has been utilized by Grey Hosiery Mill, Holt Hosiery Mill, and Mills River Industries from 1922 to 1986. Generally, since the mid-1970s, the site has also been used as office and retail space and as a maintenance garage.

During the 2005 Phase II ESA, six monitoring wells (MW-1 through MW-6) were installed around the property (see monitoring well data summarized in Table 1). Soil samples were collected from shallow soil (generally 2 to 6 feet below ground surface [ft-bgs]) from the monitoring well borings. Soil samples collected during this assessment did not indicate the presence of contaminants in soil at the site.

Groundwater samples collected as part of the 2005 Phase II ESA, as well as an assessment that occurred in 1996, indicated that groundwater is impacted with certain volatile organic compounds (VOCs), in particular, tetrachloroethene (PCE) and chloroform (see historical results from the 2005 Phase II ESA summarized in Table 2). In 2005, groundwater at the site was measured at a depth ranging from 5.20 ft-bgs to 9.62 ft-bgs.

In 2005, one semivolatile organic compound (SVOC) was detected in groundwater. Bis(2-ethylhexyl)phthalate was detected in only one of the three groundwater samples analyzed for SVOCs, at an estimated concentration of 2.3 micrograms per liter (µg/L). Bis(2-ethylhexyl)phthalate is a plasticizer, commonly detected in monitoring wells in only the first sampling event after well installation. Its presence is typically associated with the polyvinyl chloride (PVC) material used to construct the monitoring well.

The work plan developed for a Phase II ESA Update was approved on August 22, 2013 by Ms. Tracy Wahl, Brownfields Project Manager. The Scope of Services of the Phase II ESA Update was to include sampling for VOCs in all six site wells and for SVOCs in MW-1 and upgradient well MW-5. However, on August 28, 2013 Altamont discovered that two of the wells have been paved over. Monitoring well MW-3, located in the parking lot south of the mill building, has been covered with asphalt and MW-5, located west of the mill building, has been covered with a concrete sidewalk.

Altamont contacted Ms. Wahl on August 28, 2013, and she agreed to modification of the work plan as follows:

- Sample the four remaining monitoring wells (MW-1, MW-2, MW-4, and MW-6)
- Analyze for VOCs in all four wells
- Analyze for SVOCs in MW-1 and upgradient well MW-6

Methods and Findings

Monitoring Well Evaluation

Altamont located the four remaining site monitoring wells installed in 2005 using the site plan prepared by H&H. Once located, Altamont opened the manhole cover and inspected the condition of each well. After all monitoring wells were opened and the water table allowed to equilibrate, Altamont measured the depth to water and the depth to the bottom of each well using a water-level meter. The depth to the bottom of each well was compared to historical monitoring well construction details to ensure that the well has not been filled with sediment or that the well screen has not collapsed.

Based on the evaluation of the condition of the wells, the groundwater samples were expected to be reflective of groundwater conditions. Monitoring well data is summarized in Table 1.

The current groundwater elevation data, summarized in Table 1, were used to produce a groundwater contour map for the site. Groundwater at the site was measured at a depth ranging from 3.87 ft-bgs to 9.48 ft-bgs. Figure 2 shows the groundwater contours and inferred groundwater flow direction. The groundwater flow direction at the site is generally to the southeast, which is consistent with findings from the H&H report. A groundwater contour map is included as Figure 2.

Groundwater Sample Collection

On August 28, 2013, Altamont collected groundwater samples from the following wells:

- Monitoring Wells: MW-1, MW-2, MW-4, and MW-6

Prior to collecting groundwater samples from monitoring wells, the static water level was measured in each well. The monitoring wells were purged with a peristaltic pump using low-flow techniques in accordance with the procedures described in *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* (United States Environmental Protection Agency [EPA] 1996).

The peristaltic pump tubing was lowered to approximately 1 to 2 feet above the bottom of the well within the saturated screened interval. During purging, the pH, specific conductivity, dissolved oxygen, oxidation-reduction potential (ORP), turbidity, and temperature were measured and recorded. Well purging continued until these parameters stabilized (typically three successive readings in which pH +/- 0.1 unit; specific conductivity +/- 3 percent; temperature, dissolved oxygen and turbidity +/- 10 percent; and ORP +/- 10 millivolts).

Measurements of pH in all of the four wells ranged from 4.24 to 4.95 standard units (SU), which is lower than the 2L standard range of 6.5 to 8.5. All wells sampled during the 2005 Phase II ESA were also below the 2L standard range. Low pH is not necessarily due to groundwater contamination and could be attributable to natural site conditions.

A quality control duplicate sample, DUP-01, was collected from MW-2 and an equipment rinsate sample was collected from the sampling tubing. Well sampling logs are included in Attachment A.

Disposable gloves were used and Altamont changed gloves to avoid cross-contamination between samples and equipment. Altamont transferred the selected groundwater samples to laboratory-supplied sample containers. The containers were immediately placed in a cooler on ice to await delivery to the laboratory. After completing the field activities, Altamont delivered the groundwater samples to Pace Analytical Services, Inc. (Pace), a North Carolina certified laboratory, located in Asheville, North Carolina.

Groundwater Analysis

Groundwater samples were analyzed for VOCs by EPA Method 8260 from all four wells sampled and SVOCs by EPA Method 8270 from monitoring wells MW-1 and MW-6. Altamont compared concentrations of the detected compounds to the Title 15A, North Carolina Administrative Code, Subchapter 2L standards (2L standards) and North Carolina Inactive Hazardous Sites Branch (IHSB) Industrial/Commercial Vapor Intrusion Screening Levels (VI levels) for Preliminary Acceptable Groundwater concentrations.

The analytical detections are presented in Table 2 and Figure 3. The analytical report is provided in Attachment B. In summary, the results from the August 28, 2013 sampling event are as follows:

- No SVOCs were detected.
- No VOCs or SVOCs were detected in the equipment rinsate sample, indicating that contamination from sampling materials is unlikely.
- Analytical results from the quality control duplicate sample (DUP-01) collected from MW-2 correlated well with the analytical results from the MW-2 sample.
- Chloroform was detected in all four wells (at concentrations ranging from 1.8 µg/L to 6.3 µg/L), but at concentrations below the 2L standard and the IHSB VI level.
- Methyl tert-butyl ether (MTBE) was detected in upgradient well MW-6 (188 µg/L) at a concentration above the 2L standard, but below the IHSB VI level.
- Tetrachloroethene (PCE) was detected in upgradient well MW-4 (19.7 µg/L) at a concentration above the 2L standard, but below the IHSB VI level.

PCE and MTBE were detected at concentrations above their associated 2L standards in MW-4 and MW-6. However, based upon the upgradient location of the wells, these compounds appear to be coming from an off-site source.

Recommendations

Based upon the results, Altamont recommends that groundwater usage at the site be restricted. The site is located within the Hendersonville city limits and is served by Hendersonville Water and Sewer. Therefore, site use is not anticipated to be limited by implementation of institutional controls in the form a land use restriction prohibiting groundwater use on-site. Otherwise, based on the soil and groundwater results from the 2005 Phase II ESA and the Phase II ESA Update, no remediation or further controls appear to be warranted for the planned redevelopment.

Altamont Environmental, Inc. (Altamont) appreciates the opportunity to work with you on this project. Please feel free to call or respond with any questions or comments.

Sincerely,

ALTAMONT ENVIRONMENTAL, INC.

Jennifer H. Verde, P.E.

Enclosures: Figure 1—Site Location Map

Figure 2—Groundwater Contour Map

Figure 3—Summary of Groundwater Analytical Results

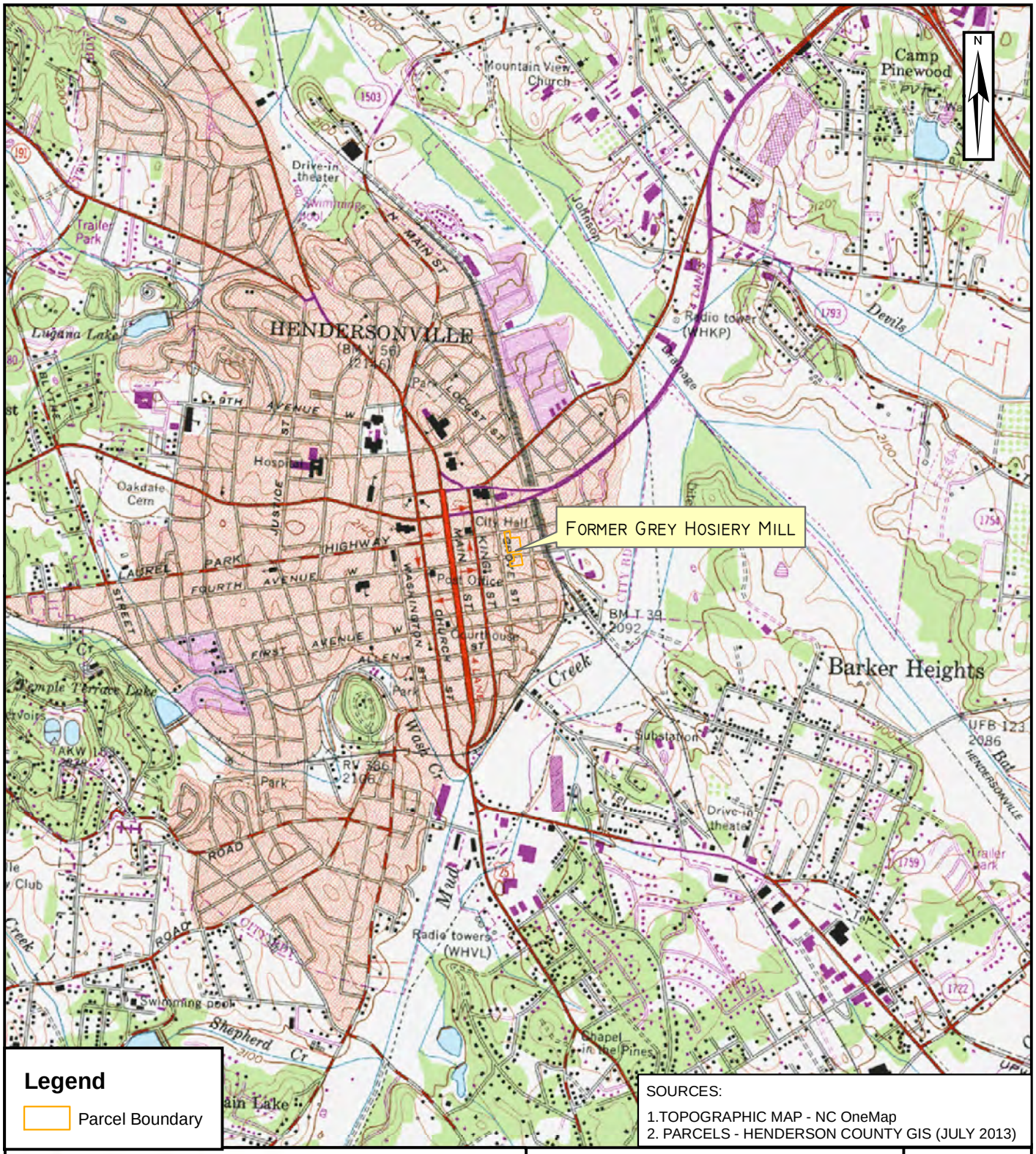
Table 1—Monitoring Well Data Summary

Table 2—Groundwater Assessment VOC and SVOC Analytical Results

Attachment A—Monitoring Well Sampling Logs and Equipment Documentation & Instrument Calibration Data Sheet

Attachment B—Laboratory Analytical Reports and Chain-of-Custody Forms

FIGURES



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SITE LOCATION MAP

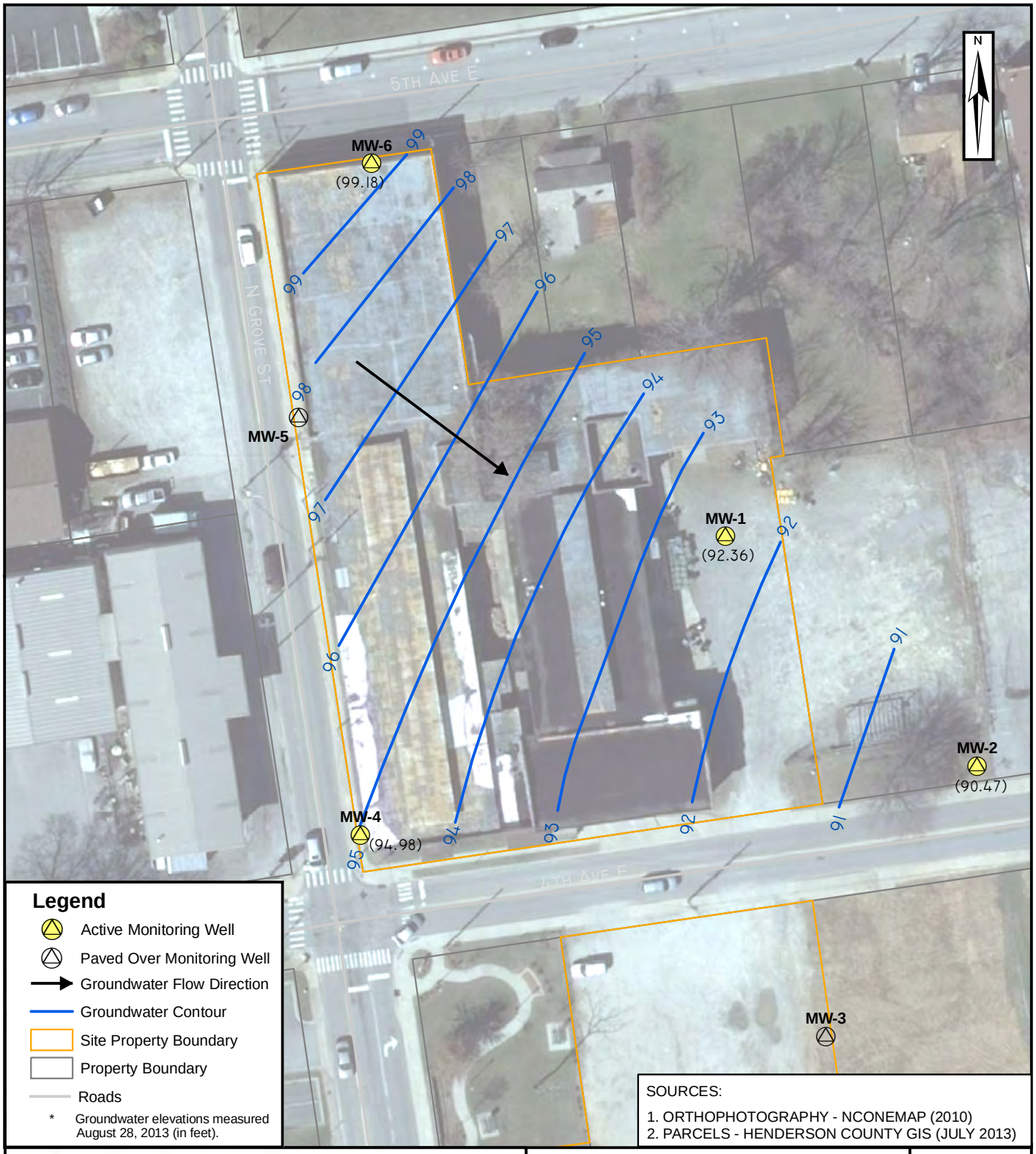
FORMER GREY HOSIERY MILL
301 FOURTH AVENUE EAST, HENDERSONVILLE
HENDERSON COUNTY, NORTH CAROLINA

FIGURE
1

DRAWN BY: JENNIFER VERDE
PROJECT MANAGER: CHRIS GILBERT
CLIENT: CITY OF HENDERSONVILLE
DATE: 08/21/2013

SCALE
0 500 1,000 2,000
FEET

P:\CITY OF HENDERSONVILLE\GREY HOSIERY MILL\FIGURES\SITE LOCATION MAP.MXD



SOURCES:

1. ORTHOPHOTOGRAPHY - NCONEMAP (2010)
2. PARCELS - HENDERSON COUNTY GIS (JULY 2013)

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GROUNDWATER CONTOUR MAP

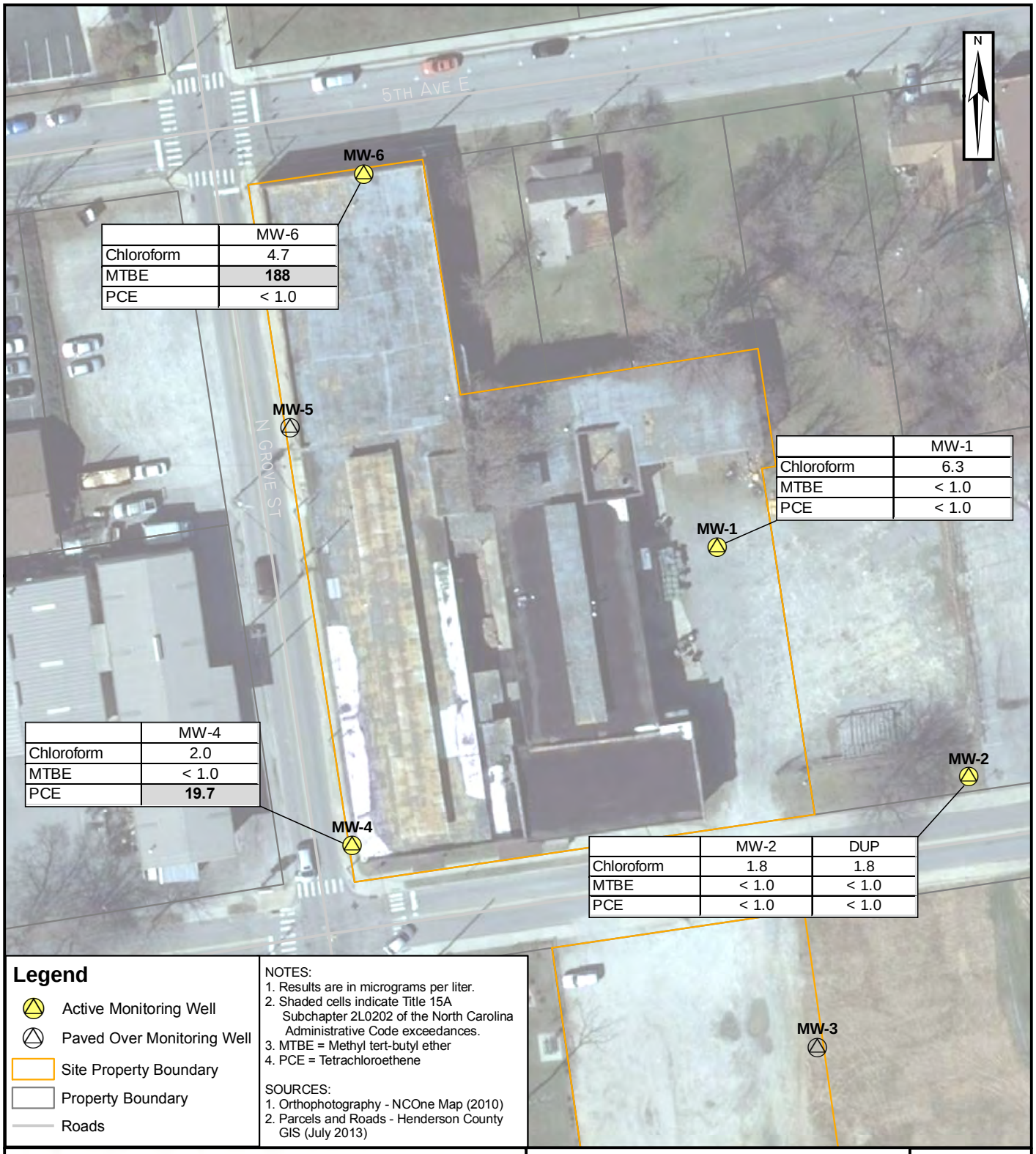
FORMER GREY HOSIERY MILL
301 FOURTH AVENUE EAST, HENDERSONVILLE
HENDERSON COUNTY, NORTH CAROLINA

FIGURE 2

DRAWN BY: MARTA VANDUSSEN
PROJECT MANAGER: CHRIS GILBERT
CLIENT: CITY OF HENDERSONVILLE
DATE: 09/16/2013

SCALE
0 15 30 60
FEET

P:\CITY OF HENDERSONVILLE\GREY HOSIERY MILL\FIGURES\SITE LAYOUT MAP.MXD



Legend

- Active Monitoring Well
- Paved Over Monitoring Well
- Site Property Boundary
- Property Boundary
- Roads

NOTES:
1. Results are in micrograms per liter.
2. Shaded cells indicate Title 15A Subchapter 2L0202 of the North Carolina Administrative Code exceedances.
3. MTBE = Methyl tert-butyl ether
4. PCE = Tetrachloroethene

SOURCES:
1. Orthophotography - NCOne Map (2010)
2. Parcels and Roads - Henderson County GIS (July 2013)

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

FORMER GREY HOSIERY MILL
301 FOURTH AVENUE EAST, HENDERSONVILLE
HENDERSON COUNTY, NORTH CAROLINA

FIGURE 3

DRAWN BY: MARTA VANDUSSEN
PROJECT MANAGER: CHRIS GILBERT
CLIENT: CITY OF HENDERSONVILLE
DATE: 09/23/2013

SCALE
0 15 30 60
FEET

P:\CITY OF HENDERSONVILLE\GREY HOSIERY MILL\FIGURES\SITE LAYOUT MAP.MXD

TABLES

Table 1
Monitoring Well Data Summary
Former Grey Hosiery Mill
Hendersonville, North Carolina

Well ID	Date (mm/dd/yy)	Water Level (feet below TOC)	TOC Elevation (feet)	Elevation of Water Surface	Total Depth (feet from TOC)
MW-1	02/02/05	7.79	100	92.21	25.00
	08/28/13	7.64		92.36	
MW-2	02/02/05	5.88	96.21	90.33	25.00
	08/28/13	5.74		90.47	
MW-3	02/02/05	7.69	98.71	91.02	25.00
MW-4	02/02/05	9.62	104.46	94.84	25.00
	08/28/13	9.48		94.98	
MW-5	02/02/05	7.12	104.47	97.35	25.00
MW-6	02/02/05	5.20	103.05	97.85	25.00
	08/28/13	3.87		99.18	

Notes:

1. TOC = Top of Casing

2. As established in the *Brownfield Site Assessment Report* by Hart & Hickman, dated April 21, 2005, elevations are referenced to an arbitrary datum of 100.00 feet at MW-1 TOC.

Table 2
Groundwater Assessment VOC and SVOC Analytical Results
Former Grey Hosiery Mill
Hendersonville, North Carolina

Well ID	Sample Collection Date	Volatile Organic Compounds (VOCs)			Semivolatile Organic Compounds (SVOCs)
		Chloroform	MTBE	Tetrachloroethene	Bis(2-ethylhexyl) phthalate
MW-1	2/2/2005	**19**	ND	< 1.0	**2.3 J**
	8/28/2013	**6.3**	< 1.0	< 1.0	< 6.0
MW-2	2/2/2005	**1.3**	ND	< 1.0	NA
	8/28/2013	**1.8**	< 1.0	< 1.0	NA
DUP-01 (MW-2)	8/28/2013	**1.8**	< 1.0	< 1.0	NA
MW-3	2/2/2005	< 1.0	ND	< 1.0	NA
MW-4	2/2/2005	< 1.0	ND	**53**	< 10
	8/28/2013	**2.0**	< 1.0	**19.7**	NA
MW-5	2/2/2005	**3.6**	ND	< 1.0	NA
MW-6	2/2/2005	**18**	ND	< 1.0	< 10
	8/28/2013	**4.7**	**188**	< 1.0	< 6.0
2L Standards		**70**	**20**	**0.7**	**3**
IHSB Vapor Intrusion Screening Levels		**35**	**20,000**	**49**	**NL**

Notes:

1. This table only includes compounds that were recently and historically detected above method detection limits.
2. The complete suite of compounds can be found in the individual analytical report.
3. Concentrations are in micrograms per liter (µg/L).
4. "<" means the result is less than the method reporting limit.
5. 2L Standards from North Carolina Administrative Code (NCAC) Title 15A, Subchapter 2L, effective April 1, 2013.
6. **Bold** indicates a detection over the laboratory reporting limit.
7. Grey shading indicates exceedance of the 2L Standard.
8. North Carolina Inactive Hazardous Sites Branch (IHSB) Industrial/Commercial Vapor Intrusion Screening Levels for Preliminary Acceptable Groundwater Concentrations.
9. NL indicates a standard is not listed.
10. NA indicates Not Analyzed.
11. ND indicates Not Detected.
12. A "J" value is a laboratory qualifier and indicates an estimated analytical result.
13. Monitoring wells MW-3 and MW-5 were discovered to be paved over and therefore were not sampled during the sampling event conducted on August 28, 2013.
14. MTBE = Methyltert-butyl ether

APPENDICES

APPENDIX A

Monitoring Well Sampling Logs, Equipment Documentation and Instrument Calibration Data Sheet

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Low-Flow Sampling Log

PROJECT NAME: Grey Hosiery Mill | PROJECT NUMBER: 2479
LOCATION: Hendersonville, NC | DATE: 8/28/13
SAMPLING PERSONNEL: E. Yurkovich | WEATHER: Sunny 70°

Well ID:	MW-1	Arrive at Well:	955
Screen Interval:	15-25 bgs	Start Time:	1005
Depth to Water:	7.64 toc	Sample Time:	1026
Stickup:	0.0	Finish Sample Time:	1038
Depth of Pump Intake:	22 toc	Leave Well:	1047
Drawdown Set:	8.04 toc	Well Diameter:	1.5"

COMMENTS:

Time	DTW (feet)	Temp (°C)	Specific Cond. (µS)	DO (mg/L)	pH (S.U.) *report to 0.1 S.U.*	ORP (mV)	Turbidity (NTU)
1008	7.94	19.21	158	3.74	4.53	221.7	11.50
1011	8.04	19.09	160	3.35	4.32	226.0	8.34
1014	8.04	19.05	159	3.24	4.27	225.7	4.57
1017	8.04	18.96	159	3.06	4.25	223.3	2.39
1020	8.04	18.96	161	3.00	4.24	224.0	0.00
1023	8.04	18.91	160	2.99	4.22	226.4	0.00
1026	8.04	18.94	161	2.93	4.24	225.8	0.00

Time between recharge during sample collection: NA

Sampling Personnel Signature: E. Yurkovich Date: 8/28/13

NOTES:

STABILIZATION
3 successive readings, 3 minutes apart:
within +/- 10% DO and turbidity; +/- 3% Conductivity; +/- 0.1 pH unit; +/- 10 mV for ORP
from *EPA - Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures,* April 1996

bgs = below ground surface
toc = top of casing
°C = degrees Celsius
µS = micro-Siemen
DO = dissolved oxygen
mg/L = milligrams per liter
Samples are analyzed immediately upon collection.

S.U. = standard units
ORP = oxidation reduction potential
mV = millivolt
NTU = nephelometric turbidity units

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Low-Flow Sampling Log

PROJECT NAME: Grey Hosiery Mill | PROJECT NUMBER: 2479

LOCATION: Hendersonville, NC | DATE: 8/28/2013

SAMPLING PERSONNEL: E. Yurkovich | WEATHER: Sunny 75°

Well ID: MW-2
Screen Interval: 15 to 25 bgs
Depth to Water: 5.74 toc
Stickup: 0.0
Depth of Pump Intake: 22.0 toc
Drawdown Set: 6.24 toc

Arrive at Well: 1050
Start Time: 1105
Sample Time: 1126
Finish Sample Time: 1130
Leave Well: 1136
Well Diameter: 1.5"

COMMENTS:
Collect duplicate Sample DUP-01

Time	DTW (feet)	Temp (°C)	Specific Cond. (µS)	DO (mg/L)	pH (S.U.) *report to 0.1 S.U.*	ORP (mV)	Turbidity (NTU)
1108	6.24	19.91	164	2.59	4.57	217.6	6.08
1111	6.24	19.73	164	1.70	4.45	217.0	4.43
1114	6.24	19.34	163	1.61	4.42	215.4	2.45
1117	6.24	19.10	165	1.54	4.39	214.7	1.92
1120	6.24	19.18	164	1.43	4.39	213.5	2.15
1123	6.24	19.10	165	1.41	4.39	212.4	1.67
1126	6.24	19.13	164	1.39	4.39	212.0	1.57

Time between recharge during sample collection: N/A

Sampling Personnel Signature: [signature] Date: 8/28/13

NOTES:

STABILIZATION
3 successive readings, 3 minutes apart:
within +/- 10% DO and turbidity; +/- 3% Conductivity; +/- 0.1 pH unit; +/- 10 mV for ORP
from *EPA - Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures,* April 1996

bgs = below ground surface
toc = top of casing
°C = degrees Celsius
µS = micro-Siemen
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mg/L = milligrams per liter
Samples are analyzed immediately upon collection.

S.U. = standard units
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NTU = nephelometric turbidity units

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Low-Flow Sampling Log

PROJECT NAME: Grey Hosiery Mill — PROJECT NUMBER: 2479
LOCATION: Hendersonville, NC — DATE: 8/28/2013
SAMPLING PERSONNEL: E. Yurkovich — WEATHER: Sunny 80°F

Well ID: MW-4
Screen Interval: 15 to 25 bgs
Depth to Water: 9.48 toc
Stickup: 0.0
Depth of Pump Intake: 22.0 toc
Drawdown Set: 9.98 toc

Arrive at Well: 1200
Start Time: 1212
Sample Time: 1233
Finish Sample Time: 1236
Leave Well: 1242
Well Diameter: 1.5"

COMMENTS:

Time	DTW (feet)	Temp (°C)	Specific Cond. (µS)	DO (mg/L)	pH (S.U.) *report to 0.1 S.U.*	ORP (mV)	Turbidity (NTU)
1215	9.78	20.22	271	3.42	4.58	174.5	1.05
1218	9.98	20.03	270	2.27	4.52	179.9	0.00
1221	9.98	20.09	269	2.02	4.50	183.4	0.00
1224	9.98	20.17	268	1.93	4.49	183.0	0.00
1227	9.98	20.08	268	1.85	4.48	183.1	0.00
1230	9.98	20.11	267	1.80	4.46	185.8	0.00
1233	9.98	20.12	265	1.78	4.46	186.7	0.00

Time between recharge during sample collection: N/A

Sampling Personnel Signature: E. Yurkovich — Date: 8/28/13

NOTES:

STABILIZATION
3 successive readings, 3 minutes apart:
within +/- 10% DO and turbidity; +/- 3% Conductivity; +/- 0.1 pH unit; +/- 10 mV for ORP
from *EPA - Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures,* April 1996

bgs = below ground surface
toc = top of casing
°C = degrees Celsius
µS = micro-Siemen
DO = dissolved oxygen
mg/L = milligrams per liter
Samples are analyzed immediately upon collection.

S.U. = standard units
ORP = oxidation reduction potential
mV = millivolt
NTU = nephelometric turbidity units

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Low-Flow Sampling Log

PROJECT NAME: Grey Hosiery Mill | PROJECT NUMBER: 2479

LOCATION: Hendersonville, NC | DATE: 8/28/13

SAMPLING PERSONNEL: E. Yurkovich | WEATHER: Sunny 80°F

Well ID:	MW-6	Arrive at Well:	1248
Screen Interval:	15 to 25 bgs	Start Time:	1305
Depth to Water:	3.87 toc	Sample Time:	1328
Stickup:	0.0	Finish Sample Time:	1332
Depth of Pump Intake:	22.0 toc	Leave Well:	1335
Drawdown Set:	4.37 toc	Well Diameter:	1.5"

COMMENTS:

Time	DTW (feet)	Temp (°C)	Specific Cond. (µS)	DO (mg/L)	pH (S.U.) *report to 0.1 S.U.*	ORP (mV)	Turbidity (NTU)
1310	4.27	20.33	138	3.31	5.13	175.9	6.61
1313	4.37	20.16	136	2.34	5.05	175.7	5.61
1316	4.37	19.76	137	2.10	4.99	175.7	8.07
1319	4.37	19.71	136	2.03	4.97	175.5	5.84
1322	4.37	19.64	137	1.97	4.96	175.3	5.42
1325	4.37	19.68	137	1.93	4.96	175.3	3.94
1328	4.37	19.71	137	1.90	4.95	174.7	3.57

Time between recharge during sample collection: N/A

Sampling Personnel Signature: Date: 8/28/13

NOTES:

STABILIZATION

3 successive readings, 3 minutes apart:

within +/- 10% DO and turbidity; +/- 3% Conductivity; +/- 0.1 pH unit; +/- 10 mV for ORP

from *EPA - Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures*, April 1996

bgs = below ground surface

toc = top of casing

°C = degrees Celsius

µS = micro-Siemen

DO = dissolved oxygen

mg/L = milligrams per liter

S.U. = standard units

ORP = oxidation reduction potential

mV = millivolt

NTU = nephelometric turbidity units

Samples are analyzed immediately upon collection.

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Equipment Documentation & Instrument Calibration Data Sheet

Calibration Documentation

Project Name: Grey Hosiery Mill
Person Conducting Calibration: E. Yurkovich
Project Number: 2479
Date of Calibration: 8/28/13
Project Location: Hendersonville, NC
Date of Field Measurements: 8/28/13

Equipment Documentation

Equipment or meters used to take measurements (e.g. water level meters, survey equipment, etc.):

Equipment Type	Serial Number	Brand	Date of Use
150-ft Water Level	26154	Solinist	
150-ft Water Level	22754	Solinist	
150-ft Water Level	150	Testwell	
150-ft Drawdown	MP30-1527	QED	8/28/13
Other			

Micro TPW Turbidity Meter

Calibration Standards Exp Date	Instrument Serial #	Instrument Reading		
		0.02 NTU	10.0 NTU	1000 NTU
June 2015	200601045	Initial: 0.00	Initial: 5.57	Initial: 1100
		Cal: 0.02	Cal: 10.05	Cal: 998.3
		Time: 808	Time: 809	Time: 810

YSI 556 Multiparameter Meter

Instrument Serial Number	12L101057						
	Instrument Readings						Calibration Expiration Date
Dissolved Oxygen	Initial: 7.80	Cal: 7.78	mmHg: 706.9	Time: 809			NA
pH 7 S.U. *report to 0.1 S.U.*	Initial: 7.00	pHmV:	Cal: 7.00	pHmV:	Time: 750		May 2014
pH 4 S.U. *report to 0.1 S.U.*	Initial: 3.92	pHmV:	Cal: 4.00	pHmV:	Time: 752		March 2014
pH 10 S.U. *report to 0.1 S.U.*	Initial: 10.02	pHmV:	Cal: 10.00	pHmV:	Time: 758		May 2014
QC* pH 7 S.U. *report to 0.1 S.U.*	AM Time: 804	Meas: 7.0	Mid Day Time:	Check:	PM Time:	Check:	May 2014
Spec. Cond. 1413/447/84/23 µS/cm**	Initial: 1439	Cal: 1413	Time: 742				Dec 2013
QC* 84 µS/cm	AM Time: 806	Meas: 85	Mid Day Time:	Check:	PM Time:	Check:	Oct 2014
ORP 240 mV	Initial: 241.3	Cal: 240.0	Time: 802				Nov 2017

Comments:

Signature: [signature] Date: 8/28/13

Notes:

1. Electronic equipment calibrated according to the manufacturer's operation manual.
2. Specific Conductivity should be calibrated according to values representative of historic range.
3. Order of Calibration is as follows : Specific Conductivity, pH 7, pH 4, pH 10, ORP, QC checks.
4. QC Acceptable Ranges: pH +/- 0.1 S.U. and Specific Conductivity 10% of the true value. If readings are out of these ranges, meter needs to be recalibrated.
5. * Indicates that a QC check must be performed in the morning, afternoon, and the end of the day, or every four hours.
6. ** Indicates to choose a Specific Conductivity buffer of 1413, 447, 84, or 23 mS which is closest to historical readings from the project location.

APPENDIX B

Groundwater Sampling Laboratory Analytical Report and Chain-of-Custody Form

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

September 06, 2013

Mr. Evan Yurkovich
Altamont Environmental
231 Haywood St.
Asheville, NC 28801

RE: Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Dear Mr. Yurkovich:
Enclosed are the analytical results for sample(s) received by the laboratory on August 28, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92170347001	**MW-1**	EPA 8270	BPJ	74	PASI-C
		EPA 8260	MCK	64	PASI-C
92170347002	**MW-2**	EPA 8260	MCK	64	PASI-C
92170347003	**MW-6**	EPA 8270	BPJ	74	PASI-C
		EPA 8260	MCK	64	PASI-C
92170347004	**DUP-01**	EPA 8260	MCK	64	PASI-C
92170347005	**RINSATE**	EPA 8260	MCK	64	PASI-C
92170347006	**TRIP BLANK**	EPA 8260	MCK	64	PASI-C
92170347007	**MW-4**	EPA 8260	MCK	64	PASI-C

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-1 **Lab ID: 92170347001** Collected: 08/28/13 10:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	208-96-8	
Aniline	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	62-53-3	
Anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	7005-72-3	
Chrysene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	08/29/13 10:15	09/03/13 15:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	206-44-0	
Fluorene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	193-39-5	
Isophorone	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	78-59-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-1 **Lab ID: 92170347001** Collected: 08/28/13 10:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1-Methylnaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24		
Naphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:24	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	08/29/13 10:15	09/03/13 15:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	85-01-8	
Phenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	108-95-2	
Pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%	21-110	1	08/29/13 10:15	09/03/13 15:24	4165-60-0	
2-Fluorobiphenyl (S)	72	%	27-110	1	08/29/13 10:15	09/03/13 15:24	321-60-8	
Terphenyl-d14 (S)	63	%	31-107	1	08/29/13 10:15	09/03/13 15:24	1718-51-0	
Phenol-d6 (S)	29	%	10-110	1	08/29/13 10:15	09/03/13 15:24	13127-88-3	
2-Fluorophenol (S)	40	%	12-110	1	08/29/13 10:15	09/03/13 15:24	367-12-4	
2,4,6-Tribromophenol (S)	64	%	27-110	1	08/29/13 10:15	09/03/13 15:24	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 21:58	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 21:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 21:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 21:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 21:58	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 21:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 21:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 21:58	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 21:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 21:58	75-00-3	
Chloroform	**6.3**	ug/L	1.0	1		08/30/13 21:58	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 21:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 21:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 21:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 21:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 21:58	124-48-1	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-1 **Lab ID: 92170347001** Collected: 08/28/13 10:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 21:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 21:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 21:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 21:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 21:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 21:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 21:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 21:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 21:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 21:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 21:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 21:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 21:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 21:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 21:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 21:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 21:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 21:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 21:58	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 21:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 21:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 21:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 21:58	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 21:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 21:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 21:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 21:58	127-18-4	
Toluene	ND	ug/L	1.0	1		08/30/13 21:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 21:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 21:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 21:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 21:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 21:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 21:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 21:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 21:58	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 21:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 21:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 21:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		08/30/13 21:58	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		08/30/13 21:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		08/30/13 21:58	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-1 **Lab ID: 92170347001** Collected: 08/28/13 10:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Surrogates								
Toluene-d8 (S)	96	%	70-130	1		08/30/13 21:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-2 **Lab ID: 92170347002** Collected: 08/28/13 11:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 22:14	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 22:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 22:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 22:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 22:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 22:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 22:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 22:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 22:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 22:14	75-00-3	
Chloroform	**1.8**	ug/L	1.0	1		08/30/13 22:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 22:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 22:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 22:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 22:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 22:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 22:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 22:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 22:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 22:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 22:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 22:14	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 22:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 22:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 22:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 22:14	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 22:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 22:14	127-18-4	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-2 **Lab ID: 92170347002** Collected: 08/28/13 11:26 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		08/30/13 22:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 22:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 22:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 22:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 22:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 22:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 22:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 22:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		08/30/13 22:14	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		08/30/13 22:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		08/30/13 22:14	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		08/30/13 22:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-6 **Lab ID: 92170347003** Collected: 08/28/13 13:28 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	208-96-8	
Aniline	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	62-53-3	
Anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	7005-72-3	
Chrysene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	08/29/13 10:15	09/03/13 15:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	206-44-0	
Fluorene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	193-39-5	
Isophorone	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	78-59-1	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-6 **Lab ID: 92170347003** Collected: 08/28/13 13:28 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1-Methylnaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53		
Naphthalene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	91-20-3	
2-Nitroaniline	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:53	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	08/29/13 10:15	09/03/13 15:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	08/29/13 10:15	09/03/13 15:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	86-30-6	
Pentachlorophenol	ND	ug/L	25.0	1	08/29/13 10:15	09/03/13 15:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	85-01-8	
Phenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	108-95-2	
Pyrene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	08/29/13 10:15	09/03/13 15:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	21-110	1	08/29/13 10:15	09/03/13 15:53	4165-60-0	
2-Fluorobiphenyl (S)	75	%	27-110	1	08/29/13 10:15	09/03/13 15:53	321-60-8	
Terphenyl-d14 (S)	71	%	31-107	1	08/29/13 10:15	09/03/13 15:53	1718-51-0	
Phenol-d6 (S)	33	%	10-110	1	08/29/13 10:15	09/03/13 15:53	13127-88-3	
2-Fluorophenol (S)	45	%	12-110	1	08/29/13 10:15	09/03/13 15:53	367-12-4	
2,4,6-Tribromophenol (S)	69	%	27-110	1	08/29/13 10:15	09/03/13 15:53	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 22:29	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 22:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 22:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 22:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 22:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 22:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 22:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 22:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 22:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 22:29	75-00-3	
Chloroform	**4.7**	ug/L	1.0	1		08/30/13 22:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 22:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 22:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 22:29	124-48-1	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-6 **Lab ID: 92170347003** Collected: 08/28/13 13:28 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 22:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 22:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 22:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 22:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 22:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 22:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 22:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 22:29	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 22:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 22:29	108-10-1	
Methyl-tert-butyl ether	**188**	ug/L	1.0	1		08/30/13 22:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 22:29	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 22:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 22:29	127-18-4	
Toluene	ND	ug/L	1.0	1		08/30/13 22:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 22:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 22:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 22:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 22:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 22:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 22:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 22:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 22:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		08/30/13 22:29	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		08/30/13 22:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		08/30/13 22:29	17060-07-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-6 **Lab ID: 92170347003** Collected: 08/28/13 13:28 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Surrogates								
Toluene-d8 (S)	98	%	70-130	1		08/30/13 22:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: DUP-01 **Lab ID: 92170347004** Collected: 08/28/13 00:00 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 22:45	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 22:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 22:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 22:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 22:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 22:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 22:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 22:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 22:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 22:45	75-00-3	
Chloroform	**1.8**	ug/L	1.0	1		08/30/13 22:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 22:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 22:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 22:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 22:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 22:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 22:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 22:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 22:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 22:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 22:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 22:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 22:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 22:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 22:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 22:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 22:45	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 22:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 22:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 22:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 22:45	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 22:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 22:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 22:45	127-18-4	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: DUP-01 **Lab ID: 92170347004** Collected: 08/28/13 00:00 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		08/30/13 22:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 22:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 22:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 22:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 22:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 22:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 22:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 22:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 22:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 22:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 22:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		08/30/13 22:45	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		08/30/13 22:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		08/30/13 22:45	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		08/30/13 22:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: RINSATE **Lab ID: 92170347005** Collected: 08/28/13 13:45 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 23:01	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 23:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 23:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 23:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 23:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 23:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 23:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 23:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 23:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 23:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/30/13 23:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 23:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 23:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 23:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 23:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 23:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 23:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 23:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 23:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 23:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 23:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 23:01	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 23:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 23:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 23:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 23:01	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 23:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 23:01	127-18-4	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: RINSATE **Lab ID: 92170347005** Collected: 08/28/13 13:45 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		08/30/13 23:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 23:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 23:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 23:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 23:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 23:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 23:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 23:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 23:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		08/30/13 23:01	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		08/30/13 23:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		08/30/13 23:01	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		08/30/13 23:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: TRIP BLANK **Lab ID: 92170347006** Collected: 08/28/13 00:00 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 23:17	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 23:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 23:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 23:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 23:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 23:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 23:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 23:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 23:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 23:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/30/13 23:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 23:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 23:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 23:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 23:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 23:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 23:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 23:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 23:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 23:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 23:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 23:17	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 23:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 23:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 23:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 23:17	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 23:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/30/13 23:17	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: TRIP BLANK **Lab ID: 92170347006** Collected: 08/28/13 00:00 Received: 08/28/13 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		08/30/13 23:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 23:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 23:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 23:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 23:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 23:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 23:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 23:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 23:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		08/30/13 23:17	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		08/30/13 23:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		08/30/13 23:17	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		08/30/13 23:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-4 **Lab ID: 92170347007** Collected: 08/28/13 12:33 Received: 08/28/13 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		08/30/13 23:32	67-64-1	
Benzene	ND	ug/L	1.0	1		08/30/13 23:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/30/13 23:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/30/13 23:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/30/13 23:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/30/13 23:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		08/30/13 23:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/30/13 23:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		08/30/13 23:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/30/13 23:32	75-00-3	
Chloroform	**2.0**	ug/L	1.0	1		08/30/13 23:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/30/13 23:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		08/30/13 23:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/30/13 23:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		08/30/13 23:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		08/30/13 23:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		08/30/13 23:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/30/13 23:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/30/13 23:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/30/13 23:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/30/13 23:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/30/13 23:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		08/30/13 23:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		08/30/13 23:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/30/13 23:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		08/30/13 23:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/30/13 23:32	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		08/30/13 23:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/30/13 23:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/30/13 23:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		08/30/13 23:32	91-20-3	
Styrene	ND	ug/L	1.0	1		08/30/13 23:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/30/13 23:32	79-34-5	
Tetrachloroethene	**19.7**	ug/L	1.0	1		08/30/13 23:32	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Sample: MW-4 **Lab ID: 92170347007** Collected: 08/28/13 12:33 Received: 08/28/13 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		08/30/13 23:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/30/13 23:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/30/13 23:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		08/30/13 23:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/30/13 23:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/30/13 23:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		08/30/13 23:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		08/30/13 23:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		08/30/13 23:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/30/13 23:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/30/13 23:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		08/30/13 23:32	460-00-4	
Dibromofluoromethane (S)	110	%	70-130	1		08/30/13 23:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		08/30/13 23:32	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		08/30/13 23:32	2037-26-5	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

QC Batch: MSV/24110 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92170347001, 92170347002, 92170347003, 92170347004, 92170347005, 92170347006, 92170347007

METHOD BLANK: 1039412 Matrix: Water
Associated Lab Samples: 92170347001, 92170347002, 92170347003, 92170347004, 92170347005, 92170347006, 92170347007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,1-Dichloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,1-Dichloroethene	ug/L	ND	1.0	08/30/13 21:26	
1,1-Dichloropropene	ug/L	ND	1.0	08/30/13 21:26	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/30/13 21:26	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	08/30/13 21:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/30/13 21:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
1,2-Dichloroethane	ug/L	ND	1.0	08/30/13 21:26	
1,2-Dichloropropane	ug/L	ND	1.0	08/30/13 21:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
1,3-Dichloropropane	ug/L	ND	1.0	08/30/13 21:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
2,2-Dichloropropane	ug/L	ND	1.0	08/30/13 21:26	
2-Butanone (MEK)	ug/L	ND	5.0	08/30/13 21:26	
2-Chlorotoluene	ug/L	ND	1.0	08/30/13 21:26	
2-Hexanone	ug/L	ND	5.0	08/30/13 21:26	
4-Chlorotoluene	ug/L	ND	1.0	08/30/13 21:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/30/13 21:26	
Acetone	ug/L	ND	25.0	08/30/13 21:26	
Benzene	ug/L	ND	1.0	08/30/13 21:26	
Bromobenzene	ug/L	ND	1.0	08/30/13 21:26	
Bromochloromethane	ug/L	ND	1.0	08/30/13 21:26	
Bromodichloromethane	ug/L	ND	1.0	08/30/13 21:26	
Bromoform	ug/L	ND	1.0	08/30/13 21:26	
Bromomethane	ug/L	ND	2.0	08/30/13 21:26	
Carbon tetrachloride	ug/L	ND	1.0	08/30/13 21:26	
Chlorobenzene	ug/L	ND	1.0	08/30/13 21:26	
Chloroethane	ug/L	ND	1.0	08/30/13 21:26	
Chloroform	ug/L	ND	1.0	08/30/13 21:26	
Chloromethane	ug/L	ND	1.0	08/30/13 21:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/30/13 21:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/30/13 21:26	
Dibromochloromethane	ug/L	ND	1.0	08/30/13 21:26	
Dibromomethane	ug/L	ND	1.0	08/30/13 21:26	
Dichlorodifluoromethane	ug/L	ND	1.0	08/30/13 21:26	
Diisopropyl ether	ug/L	ND	1.0	08/30/13 21:26	
Ethylbenzene	ug/L	ND	1.0	08/30/13 21:26	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

METHOD BLANK: 1039412 Matrix: Water

Associated Lab Samples: 92170347001, 92170347002, 92170347003, 92170347004, 92170347005, 92170347006, 92170347007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/30/13 21:26	
m&p-Xylene	ug/L	ND	2.0	08/30/13 21:26	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/30/13 21:26	
Methylene Chloride	ug/L	ND	1.0	08/30/13 21:26	
Naphthalene	ug/L	ND	1.0	08/30/13 21:26	
o-Xylene	ug/L	ND	1.0	08/30/13 21:26	
p-Isopropyltoluene	ug/L	ND	1.0	08/30/13 21:26	
Styrene	ug/L	ND	1.0	08/30/13 21:26	
Tetrachloroethene	ug/L	ND	1.0	08/30/13 21:26	
Toluene	ug/L	ND	1.0	08/30/13 21:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/30/13 21:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/30/13 21:26	
Trichloroethene	ug/L	ND	1.0	08/30/13 21:26	
Trichlorofluoromethane	ug/L	ND	1.0	08/30/13 21:26	
Vinyl acetate	ug/L	ND	2.0	08/30/13 21:26	
Vinyl chloride	ug/L	ND	1.0	08/30/13 21:26	
Xylene (Total)	ug/L	ND	2.0	08/30/13 21:26	
1,2-Dichloroethane-d4 (S)	%	101	70-130	08/30/13 21:26	
4-Bromofluorobenzene (S)	%	104	70-130	08/30/13 21:26	
Dibromofluoromethane (S)	%	100	70-130	08/30/13 21:26	
Toluene-d8 (S)	%	97	70-130	08/30/13 21:26	

LABORATORY CONTROL SAMPLE: 1039413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,1-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.4	103	70-130	
1,1,2-Trichloroethane	ug/L	50	53.4	107	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethene	ug/L	50	53.1	106	70-132	
1,1-Dichloropropene	ug/L	50	49.8	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.6	107	70-135	
1,2,3-Trichloropropane	ug/L	50	46.6	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.1	110	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	53.5	107	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	55.1	110	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	70-130	
1,2-Dichloropropane	ug/L	50	49.7	99	70-130	
1,3-Dichlorobenzene	ug/L	50	54.4	109	70-130	
1,3-Dichloropropane	ug/L	50	47.9	96	70-130	
1,4-Dichlorobenzene	ug/L	50	53.4	107	70-130	
2,2-Dichloropropane	ug/L	50	50.6	101	58-145	
2-Butanone (MEK)	ug/L	100	108	108	70-145	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

LABORATORY CONTROL SAMPLE: 1039413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorotoluene	ug/L	50	53.5	107	70-130	
2-Hexanone	ug/L	100	110	110	70-144	
4-Chlorotoluene	ug/L	50	55.3	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	114	114	70-140	
Acetone	ug/L	100	105	105	50-175	
Benzene	ug/L	50	52.5	105	70-130	
Bromobenzene	ug/L	50	51.8	104	70-130	
Bromochloromethane	ug/L	50	49.8	100	70-130	
Bromodichloromethane	ug/L	50	51.2	102	70-130	
Bromoform	ug/L	50	51.3	103	70-130	
Bromomethane	ug/L	50	57.8	116	54-130	
Carbon tetrachloride	ug/L	50	47.3	95	70-132	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	42.7	85	64-134	
Chloroform	ug/L	50	52.4	105	70-130	
Chloromethane	ug/L	50	49.8	100	64-130	
cis-1,2-Dichloroethene	ug/L	50	52.0	104	70-131	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Dibromochloromethane	ug/L	50	49.6	99	70-130	
Dibromomethane	ug/L	50	49.7	99	70-131	
Dichlorodifluoromethane	ug/L	50	47.9	96	56-130	
Diisopropyl ether	ug/L	50	53.9	108	70-130	
Ethylbenzene	ug/L	50	50.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	52.4	105	70-130	
Methylene Chloride	ug/L	50	50.4	101	63-130	
Naphthalene	ug/L	50	48.9	98	70-138	
o-Xylene	ug/L	50	54.1	108	70-130	
p-Isopropyltoluene	ug/L	50	54.2	108	70-130	
Styrene	ug/L	50	52.2	104	70-130	
Tetrachloroethene	ug/L	50	51.2	102	70-130	
Toluene	ug/L	50	51.6	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.8	100	70-132	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	49.3	99	62-133	
Vinyl acetate	ug/L	100	116	116	66-157	
Vinyl chloride	ug/L	50	49.2	98	69-130	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			103	70-130	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1039414 1039415

Parameter	Units	92170347003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	64.9	54.9	130	110	70-166	17	
Benzene	ug/L	ND	50	50	64.0	56.3	128	113	70-148	13	
Chlorobenzene	ug/L	ND	50	50	58.2	53.8	116	108	70-146	8	
Toluene	ug/L	ND	50	50	57.5	51.6	115	103	70-155	11	
Trichloroethene	ug/L	ND	50	50	63.9	57.0	128	114	69-151	11	
1,2-Dichloroethane-d4 (S)	%						97	100	70-130		
4-Bromofluorobenzene (S)	%						102	100	70-130		
Dibromofluoromethane (S)	%						98	96	70-130		
Toluene-d8 (S)	%						99	97	70-130		

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

QC Batch: OEXT/23659
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92170347001, 92170347003

METHOD BLANK: 1037892
Matrix: Water
Associated Lab Samples: 92170347001, 92170347003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/03/13 10:35	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/03/13 10:35	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/03/13 10:35	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/03/13 10:35	
1-Methylnaphthalene	ug/L	ND	10.0	09/03/13 10:35	
2,4,5-Trichlorophenol	ug/L	ND	10.0	09/03/13 10:35	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/03/13 10:35	
2,4-Dichlorophenol	ug/L	ND	10.0	09/03/13 10:35	
2,4-Dimethylphenol	ug/L	ND	10.0	09/03/13 10:35	
2,4-Dinitrophenol	ug/L	ND	50.0	09/03/13 10:35	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/03/13 10:35	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/03/13 10:35	
2-Chloronaphthalene	ug/L	ND	10.0	09/03/13 10:35	
2-Chlorophenol	ug/L	ND	10.0	09/03/13 10:35	
2-Methylnaphthalene	ug/L	ND	10.0	09/03/13 10:35	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/03/13 10:35	
2-Nitroaniline	ug/L	ND	50.0	09/03/13 10:35	
2-Nitrophenol	ug/L	ND	10.0	09/03/13 10:35	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/03/13 10:35	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/03/13 10:35	
3-Nitroaniline	ug/L	ND	50.0	09/03/13 10:35	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	09/03/13 10:35	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/03/13 10:35	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/03/13 10:35	
4-Chloroaniline	ug/L	ND	20.0	09/03/13 10:35	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/03/13 10:35	
4-Nitroaniline	ug/L	ND	20.0	09/03/13 10:35	
4-Nitrophenol	ug/L	ND	50.0	09/03/13 10:35	
Acenaphthene	ug/L	ND	10.0	09/03/13 10:35	
Acenaphthylene	ug/L	ND	10.0	09/03/13 10:35	
Aniline	ug/L	ND	10.0	09/03/13 10:35	
Anthracene	ug/L	ND	10.0	09/03/13 10:35	
Benzo(a)anthracene	ug/L	ND	10.0	09/03/13 10:35	
Benzo(a)pyrene	ug/L	ND	10.0	09/03/13 10:35	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/03/13 10:35	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/03/13 10:35	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/03/13 10:35	
Benzoic Acid	ug/L	ND	50.0	09/03/13 10:35	
Benzyl alcohol	ug/L	ND	20.0	09/03/13 10:35	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/03/13 10:35	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/03/13 10:35	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/03/13 10:35	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	09/03/13 10:35	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

METHOD BLANK: 1037892 Matrix: Water

Associated Lab Samples: 92170347001, 92170347003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/L	ND	10.0	09/03/13 10:35	
Chrysene	ug/L	ND	10.0	09/03/13 10:35	
Di-n-butylphthalate	ug/L	ND	10.0	09/03/13 10:35	
Di-n-octylphthalate	ug/L	ND	10.0	09/03/13 10:35	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/03/13 10:35	
Dibenzofuran	ug/L	ND	10.0	09/03/13 10:35	
Diethylphthalate	ug/L	ND	10.0	09/03/13 10:35	
Dimethylphthalate	ug/L	ND	10.0	09/03/13 10:35	
Fluoranthene	ug/L	ND	10.0	09/03/13 10:35	
Fluorene	ug/L	ND	10.0	09/03/13 10:35	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/03/13 10:35	
Hexachlorobenzene	ug/L	ND	10.0	09/03/13 10:35	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/03/13 10:35	
Hexachloroethane	ug/L	ND	10.0	09/03/13 10:35	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/03/13 10:35	
Isophorone	ug/L	ND	10.0	09/03/13 10:35	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/03/13 10:35	
N-Nitrosodimethylamine	ug/L	ND	10.0	09/03/13 10:35	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/03/13 10:35	
Naphthalene	ug/L	ND	10.0	09/03/13 10:35	
Nitrobenzene	ug/L	ND	10.0	09/03/13 10:35	
Pentachlorophenol	ug/L	ND	25.0	09/03/13 10:35	
Phenanthrene	ug/L	ND	10.0	09/03/13 10:35	
Phenol	ug/L	ND	10.0	09/03/13 10:35	
Pyrene	ug/L	ND	10.0	09/03/13 10:35	
2,4,6-Tribromophenol (S)	%	73	27-110	09/03/13 10:35	
2-Fluorobiphenyl (S)	%	65	27-110	09/03/13 10:35	
2-Fluorophenol (S)	%	40	12-110	09/03/13 10:35	
Nitrobenzene-d5 (S)	%	71	21-110	09/03/13 10:35	
Phenol-d6 (S)	%	31	10-110	09/03/13 10:35	
Terphenyl-d14 (S)	%	75	31-107	09/03/13 10:35	

LABORATORY CONTROL SAMPLE: 1037893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	37.3	75	10-110	
1,2-Dichlorobenzene	ug/L	50	37.3	75	10-110	
1,3-Dichlorobenzene	ug/L	50	35.1	70	10-110	
1,4-Dichlorobenzene	ug/L	50	36.2	72	10-110	
1-Methylnaphthalene	ug/L	50	44.4	89	21-110	
2,4,5-Trichlorophenol	ug/L	50	35.9	72	23-116	
2,4,6-Trichlorophenol	ug/L	50	36.6	73	21-114	
2,4-Dichlorophenol	ug/L	50	39.3	79	22-120	
2,4-Dimethylphenol	ug/L	50	38.9	78	15-109	
2,4-Dinitrophenol	ug/L	250	186	74	10-103	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

LABORATORY CONTROL SAMPLE: 1037893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/L	50	47.6	95	24-119	
2,6-Dinitrotoluene	ug/L	50	45.2	90	25-116	
2-Chloronaphthalene	ug/L	50	37.3	75	18-110	
2-Chlorophenol	ug/L	50	35.7	71	10-104	
2-Methylnaphthalene	ug/L	50	38.1	76	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	36.3	73	13-110	
2-Nitroaniline	ug/L	100	81.0	81	20-117	
2-Nitrophenol	ug/L	50	40.4	81	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.3	61	14-110	
3,3'-Dichlorobenzidine	ug/L	100	91.1	91	13-131	
3-Nitroaniline	ug/L	100	78.7	79	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	88.9	89	13-119	
4-Bromophenylphenyl ether	ug/L	50	33.7	67	23-120	
4-Chloro-3-methylphenol	ug/L	100	80.1	80	21-119	
4-Chloroaniline	ug/L	100	73.9	74	10-122	
4-Chlorophenylphenyl ether	ug/L	50	34.2	68	22-112	
4-Nitroaniline	ug/L	100	93.9	94	14-118	
4-Nitrophenol	ug/L	250	92.1	37	10-110	
Acenaphthene	ug/L	50	37.9	76	20-105	
Acenaphthylene	ug/L	50	38.0	76	23-106	
Aniline	ug/L	50	33.5	67	10-110	
Anthracene	ug/L	50	43.8	88	25-120	
Benzo(a)anthracene	ug/L	50	43.6	87	21-128	
Benzo(a)pyrene	ug/L	50	41.5	83	25-116	
Benzo(b)fluoranthene	ug/L	50	42.4	85	23-117	
Benzo(g,h,i)perylene	ug/L	50	41.1	82	17-128	
Benzo(k)fluoranthene	ug/L	50	38.1	76	25-127	
Benzoic Acid	ug/L	250	58.9	24	10-110	
Benzyl alcohol	ug/L	100	67.0	67	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	30.7	61	19-107	
bis(2-Chloroethyl) ether	ug/L	50	33.8	68	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	26.6	53	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	50.7	101	16-123	
Butylbenzylphthalate	ug/L	50	48.8	98	20-118	
Chrysene	ug/L	50	44.9	90	24-125	
Di-n-butylphthalate	ug/L	50	48.9	98	23-115	
Di-n-octylphthalate	ug/L	50	46.5	93	20-115	
Dibenz(a,h)anthracene	ug/L	50	41.6	83	18-131	
Dibenzofuran	ug/L	50	35.0	70	23-106	
Diethylphthalate	ug/L	50	44.5	89	24-115	
Dimethylphthalate	ug/L	50	42.7	85	22-113	
Fluoranthene	ug/L	50	47.4	95	24-125	
Fluorene	ug/L	50	41.1	82	24-114	
Hexachloro-1,3-butadiene	ug/L	50	35.6	71	10-110	
Hexachlorobenzene	ug/L	50	43.2	86	22-127	
Hexachlorocyclopentadiene	ug/L	50	45.4	91	10-110	
Hexachloroethane	ug/L	50	35.5	71	10-110	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.8	86	18-130	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

LABORATORY CONTROL SAMPLE: 1037893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/L	50	41.8	84	23-114	
N-Nitroso-di-n-propylamine	ug/L	50	37.0	74	21-114	
N-Nitrosodimethylamine	ug/L	50	22.1	44	10-110	
N-Nitrosodiphenylamine	ug/L	50	35.2	70	24-123	
Naphthalene	ug/L	50	36.2	72	14-110	
Nitrobenzene	ug/L	50	39.6	79	16-106	
Pentachlorophenol	ug/L	100	78.0	78	10-123	
Phenanthrene	ug/L	50	42.3	85	25-119	
Phenol	ug/L	50	20.1	40	10-110	
Pyrene	ug/L	50	41.3	83	22-127	
2,4,6-Tribromophenol (S)	%			88	27-110	
2-Fluorobiphenyl (S)	%			76	27-110	
2-Fluorophenol (S)	%			48	12-110	
Nitrobenzene-d5 (S)	%			80	21-110	
Phenol-d6 (S)	%			38	10-110	
Terphenyl-d14 (S)	%			76	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1037894 1037895

Parameter	Units	92170280004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	100	100	79.3	77.2	79	77	10-110	3	
1,2-Dichlorobenzene	ug/L	ND	100	100	81.7	79.4	82	79	10-110	3	
1,3-Dichlorobenzene	ug/L	ND	100	100	77.4	75.1	77	75	10-110	3	
1,4-Dichlorobenzene	ug/L	ND	100	100	79.6	75.9	80	76	10-110	5	
1-Methylnaphthalene	ug/L	ND	100	100	96.8	91.9	97	92	14-110	5	
2,4,5-Trichlorophenol	ug/L	ND	100	100	76.2	74.9	76	75	19-105	2	
2,4,6-Trichlorophenol	ug/L	ND	100	100	79.4	79.7	79	80	13-108	0	
2,4-Dichlorophenol	ug/L	ND	100	100	85.1	82.7	85	83	29-111	3	
2,4-Dimethylphenol	ug/L	ND	100	100	88.0	84.0	88	84	21-103	5	
2,4-Dinitrophenol	ug/L	ND	500	500	368	350	74	70	10-109	5	
2,4-Dinitrotoluene	ug/L	ND	100	100	102	96.4	102	96	27-104	6	
2,6-Dinitrotoluene	ug/L	ND	100	100	97.2	96.1	97	96	28-101	1	
2-Chloronaphthalene	ug/L	ND	100	100	80.4	79.7	80	80	14-102	1	
2-Chlorophenol	ug/L	ND	100	100	83.1	79.3	83	79	16-110	5	
2-Methylnaphthalene	ug/L	ND	100	100	83.9	79.9	84	80	13-110	5	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	87.2	84.6	87	85	19-110	3	
2-Nitroaniline	ug/L	ND	200	200	174	168	87	84	26-103	4	
2-Nitrophenol	ug/L	ND	100	100	88.4	87.0	88	87	20-110	2	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	76.0	73.8	76	74	20-110	3	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	172	177	86	89	25-112	3	
3-Nitroaniline	ug/L	ND	200	200	159	154	79	77	29-110	3	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	183	186	92	93	10-117	1	
4-Bromophenylphenyl ether	ug/L	ND	100	100	69.8	73.5	70	73	20-105	5	
4-Chloro-3-methylphenol	ug/L	ND	200	200	179	172	89	86	22-110	4	
4-Chloroaniline	ug/L	ND	200	200	152	150	76	75	20-100	2	

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1037894 1037895

Parameter	Units	92170280004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chlorophenylphenyl ether	ug/L	ND	100	100	72.4	71.0	72	71	19-102	2	
4-Nitroaniline	ug/L	ND	200	200	190	174	95	87	29-110	9	
4-Nitrophenol	ug/L	ND	500	500	271	252	54	50	10-110	7	
Acenaphthene	ug/L	ND	100	100	81.4	79.3	81	79	17-100	3	
Acenaphthylene	ug/L	ND	100	100	81.4	80.5	81	81	21-100	1	
Aniline	ug/L	ND	100	100	64.0	72.5	64	73	10-110	13	
Anthracene	ug/L	ND	100	100	89.5	87.8	89	88	24-109	2	
Benzo(a)anthracene	ug/L	ND	100	100	90.8	89.9	91	90	22-117	1	
Benzo(a)pyrene	ug/L	ND	100	100	90.5	91.5	91	92	23-104	1	
Benzo(b)fluoranthene	ug/L	ND	100	100	87.9	88.1	88	88	23-103	0	
Benzo(g,h,i)perylene	ug/L	ND	100	100	91.2	91.5	91	92	18-111	0	
Benzo(k)fluoranthene	ug/L	ND	100	100	88.6	88.1	89	88	22-113	1	
Benzoic Acid	ug/L	ND	500	500	253	198	51	40	10-110	24	
Benzyl alcohol	ug/L	ND	200	200	159	155	80	78	19-101	3	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	66.5	66.0	67	66	22-110	1	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	75.1	72.4	75	72	16-110	4	
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	58.4	56.9	58	57	14-110	3	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	109	108	109	108	23-102	1	M1
Butylbenzylphthalate	ug/L	ND	100	100	106	104	106	104	25-110	2	
Chrysene	ug/L	ND	100	100	96.1	93.8	96	94	23-115	2	
Di-n-butylphthalate	ug/L	ND	100	100	104	99.8	104	100	26-110	4	
Di-n-octylphthalate	ug/L	6.2J	100	100	94.7	93.2	89	87	22-110	2	
Dibenz(a,h)anthracene	ug/L	ND	100	100	91.1	91.8	91	92	21-112	1	
Dibenzofuran	ug/L	ND	100	100	75.1	74.1	75	74	19-102	1	
Diethylphthalate	ug/L	ND	100	100	95.1	91.1	95	91	29-110	4	
Dimethylphthalate	ug/L	ND	100	100	92.3	90.2	92	90	27-110	2	
Fluoranthene	ug/L	ND	100	100	98.1	90.2	98	90	23-112	8	
Fluorene	ug/L	ND	100	100	88.5	84.8	88	85	22-104	4	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	76.4	73.6	76	74	10-110	4	
Hexachlorobenzene	ug/L	ND	100	100	89.1	91.6	89	92	21-116	3	
Hexachlorocyclopentadiene	ug/L	ND	100	100	94.5	98.5	94	99	10-110	4	
Hexachloroethane	ug/L	ND	100	100	78.3	74.4	78	74	10-110	5	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	93.4	94.3	93	94	20-113	1	
Isophorone	ug/L	ND	100	100	91.2	88.3	91	88	50-150	3	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	82.2	80.1	82	80	21-105	3	
N-Nitrosodimethylamine	ug/L	ND	100	100	59.6	59.9	60	60	10-110	1	
N-Nitrosodiphenylamine	ug/L	ND	100	100	71.3	74.4	71	74	23-107	4	
Naphthalene	ug/L	ND	100	100	78.5	75.8	79	76	10-110	4	
Nitrobenzene	ug/L	ND	100	100	85.4	83.6	85	84	20-110	2	
Pentachlorophenol	ug/L	ND	200	200	152	146	76	73	10-118	5	
Phenanthrene	ug/L	ND	100	100	88.4	86.4	88	86	24-106	2	
Phenol	ug/L	ND	100	100	56.4	55.8	56	56	12-110	1	
Pyrene	ug/L	ND	100	100	90.7	91.4	91	91	24-114	1	
2,4,6-Tribromophenol (S)	%						85	86	27-110		
2-Fluorobiphenyl (S)	%						75	76	27-110		
2-Fluorophenol (S)	%						60	59	12-110		
Nitrobenzene-d5 (S)	%						82	80	21-110		

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QUALITY CONTROL DATA

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1037894 1037895

Parameter	Units	92170280004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						53	52	10-110		
Terphenyl-d14 (S)	%						73	75	31-107		

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QUALIFIERS

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Grey Hosiery Mill 2479
Pace Project No.: 92170347

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92170347001	**MW-1**	EPA 3510	OEXT/23659	EPA 8270	MSSV/8151
92170347003	**MW-6**	EPA 3510	OEXT/23659	EPA 8270	MSSV/8151
92170347001	**MW-1**	EPA 8260	MSV/24110		
92170347002	**MW-2**	EPA 8260	MSV/24110		
92170347003	**MW-6**	EPA 8260	MSV/24110		
92170347004	**DUP-01**	EPA 8260	MSV/24110		
92170347005	**RINSATE**	EPA 8260	MSV/24110		
92170347006	**TRIP BLANK**	EPA 8260	MSV/24110		
92170347007	**MW-4**	EPA 8260	MSV/24110		

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1672841

Section A Required Client Information:

Company: Altamont Environmental
Address: 231 Haywood St. Asheville NC 28801
Email To: Hill-Verde@altamontenvironmental
Phone: 828-281-3350 Fax: 828-281-3351
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jennifer Hill-Verde
Copy To:
Purchase Order No.:
Project Name: Grey Hosiery Mill
Project Number: 2479

Section C Invoice Information:

Attention: Sue Brewer
Company Name: Altamont
Address: Same
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs 8260	SVOCs 8270	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92170347
1	MW-1	WT	G			8/28/13	1026	19	5	X			X					X	X		-001
2	MW-2	WT	G			8/28/13	1126	19	3				X					X			-002
3	MW-4	WT	G			8/28/13	1233	20	3				X					X			007 -007
4	MW-6	WT	G			8/28/13	1308	20	5	X			X					X	X		-003
5	DUP-01	WT	G			8/28/13	—	19	3				X					X			-004
6	RINSATE	WT	G			8/28/13	1345	NA	3				X					X			-005
7	TRIP BLANK LAB								2				X					X			-006
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Evan Yurkovich / Altamont	8/28/13	1510	Joseph Sheridan	8/28/13	1510	4.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Evan Yurkovich
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 8/28/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: March 13, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.09	Issuing Authorities: Pace Asheville Quality Office

Client Name: Altamont Environmental

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): Fed Ex UPS USPS (Client) Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Circle Thermometer Used: (IR Gun#2 -80344039) **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun Back Up- 111565135

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 4.9 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: 8/28/13 J-S.

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		**Initial when completed**
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):_____				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: LP **Date:** 8/30/13

SRF Review: LP **Date:** 8/30/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92170347

92170347