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Via First Class Mail and E-Mail

Sue Robbins
NC Department of Environment and Natural Resources
Inactive Hazardous Sites Branch
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405

James L. Joyce
jim.joyce@klgates.com

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September 11, 2014

RE: **Request for Liability Clarification**
Prime Equipment Company Site (IHS ID No. NONCD0002835)
1020 North Front Street
Wilmington, New Hanover County

Dear Ms. Robbins:

This letter concerns property located at 1020 North Front Street, Wilmington, NC, identified by the Inactive Hazardous Sites ("IHS") Branch as Prime Equipment Company, ID No. NONCD0002835 (the "Property"). This site is currently owned by East Coast Development, LLC, and data indicates that tetrachloroethene ("PCE") has been detected in groundwater beneath the Property. Our firm represents Wells Fargo Bank, N.A. ("Wells Fargo"), which holds a security interest in the Property as collateral for a debt owed by the property owner. Wells Fargo is considering acquisition of the Property. This letter requests clarification from the IHS Branch that DENR would not consider Wells Fargo to be a responsible party for groundwater impacts at the Property in the event that Wells Fargo acquired the Property because: (a) the PCE in groundwater beneath the Property has migrated to the Property from an off-site source; and (b) Wells Fargo's ownership would be derived from a security interest in the Property.

PCE in Groundwater is From an Off-Site Source

Groundwater sampling beneath the Property indicates that PCE is present at levels exceeding the 15A NCAC 2L groundwater standards. However, as described in more detail below, the groundwater investigations have concluded that the PCE contamination is likely migrating from an off-site source.

Based on documentation available to us, it appears that the first indication of groundwater impacts were noted in 2008. Of particular interest is a Groundwater Assessment Addendum Report dated June 23, 2008 (a copy of which is attached to this letter as Attachment 1). As documented in that report, MACTEC Engineering and Consulting, Inc. ("MACTEC") constructed three permanent monitoring wells on the Property. MACTEC analyzed the

groundwater samples for PCE and developed a groundwater contour map for the Property. This report identified several important items of data:

- PCE was detected in all three monitoring wells, including one well at the eastern (upgradient) edge of the property, at concentrations ranging from 3.17μg/L to 3.75 μg/L.
- MACTEC estimated that groundwater flows across the Property to the west at a rate of 0.005 ft/day.
- The Property is located in an area that has long been a light industrial area, making contamination on down-gradient sources from up-gradient sources likely.

Based on the groundwater flow gradient, the location of the Property in an industrial area, and the relatively uniform distribution of PCE on the Property, MACTEC concluded "**that the PCE in groundwater is migrating onto the [Property] from an unknown up gradient source**."

EI, Inc. ("EI") performed a Limited Phase II Environmental Site Assessment in the summer of 2013 and came to a similar conclusion. In this report, dated July 16, 2013 (a copy of which is attached to this letter as Attachment 2), EI advanced soil borings, installed temporary monitoring wells, and sampled the permanent monitoring wells that MACTEC had installed in 2008. EI conducted a level survey and mapped groundwater flow across the Property. EI confirmed that groundwater moves across the property to the west/southwest over an approximate gradient of 0.0103 ft/ft. EI also found PCE in groundwater at the Property, in concentrations ranging between 1.6 μg/L and 5.9 μg/L, with higher concentrations in the southern and western portions of the Property. Based on these concentrations and on the direction of groundwater flow, EI also concluded that "**the occurrence of PCE in onsite groundwater indicates an offsite source or sources for this compound**."

Therefore, licensed professional engineers employed by two separate, reputable environmental consulting firms reached the same conclusion: PCE contamination on the Property is likely from an off-site source. This result is logical: if the PCE contamination came from an on-site source, one would presume that a higher concentration would be found near the origin of the PCE. However, the concentration of PCE was uniform, and the concentrations in the permanent wells became less over time, which suggests contamination flowing from an off-site source across the property and away to the west. There are likely a number of possible off-site sources, as the Property is located near the Cape Fear River in an industrial area where there are several industrial and former industrial uses up-gradient of the Property.

Because the PCE in groundwater at the Property is from an off-site source, an owner of the Property should not be considered a responsible party and the site should not be considered an inactive hazardous substance disposal site. The Inactive Hazardous Sites Act, N.C. Gen. Stat. ch. 130A, art. 130A, Part 3, defines a "responsible party" as "any person who: (1) Discharges or deposits; or (2) Contracts or arranges for any discharge or deposit; or (3) Accepts for discharge or deposit; or (4) Transports or arranges for transport for the purpose of discharge or deposit, any hazardous substance, the result of which discharge or deposit is the existence of an inactive hazardous substance or waste disposal site." N.C. Gen. Stat. § 130A-310.7(a). Clearly, a new

owner of property impacted by migration of groundwater from an off-site source did not "discharge" or "deposit" hazardous substances as required for liability under the statute. Wells Fargo would be a blameless new owner with no association with contamination at the Property or the off-site source of such contamination. Accordingly, we respectfully request written clarification from the IHS Branch that Wells Fargo would not be liable for the groundwater contamination at the Property in the event that Wells Fargo acquired the Property.

Wells Fargo Would Not Be a Responsible Party Based on Ownership Derived from a Security Interest

The Inactive Hazardous Site Act also makes clear that a "person whose interest or ownership" of an impacted site "is based on or derived from a security interest in the property" should not be considered a responsible party under the statute. N.C. Gen. Stat. § 130A-310.7(a). Wells Fargo currently holds a deed of trust (commonly known as a mortgage) on the Property, and this is the bank's security interest in the Property. In the event that Wells Fargo should foreclose on the Property or acquire the Property by a deed taken in lieu of foreclosure, Wells Fargo's ownership will have been derived from a security interest. Similarly, any purchaser from Wells Fargo thereafter will also have acquired ownership as an indirect result of Wells Fargo's security interest in the Property. Accordingly, we request written clarification that in the event that Wells Fargo were to acquire the Property as described above, Wells Fargo and its successors in title will not be "responsible parties" for existing contamination at the Property.

Thank you very much for your consideration of this request, and we look forward to hearing from you. Please let me know if you have any questions regarding this letter.

Sincerely,

James L. Joyce

Enclosures

cc: Charlotte V. Jesneck, Head, Inactive Hazardous Sites Branch
Stanford D. Baird (via e-mail only)
John Gardner (via e-mail only)

Attachment 1

MACTEC

engineering and constructing a better tomorrow

June 23, 2008

James McFarland
East Coast Development & Brokerage, Inc.
P.O. Box 2277
Wilmington, North Carolina 28402

Subject: **Groundwater Assessment Addendum Report**
RSC 1020 North Front Street
Wilmington, North Carolina 28402
MACTEC Project No. 6550-08-0476-01

Dear Mr. McFarland:

MACTEC Engineering and Consulting, Inc. (MACTEC) has completed the Groundwater Assessment Addendum Report for the above-referenced Site. After reviewing the Initial Abatement Report (April 7, 2008), additional groundwater assessment was requested by the financial lending institution.

We appreciate your selection of MACTEC for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

MACTEC Engineering and Consulting, Inc.

William J. Mabie
Project Geologist

J. Chris Pruneau, L.G.
Principal Hydrogeologist

NORTH CAROLINA LICENSED SEAL 1003 GEOLOGIST J. CHRIS PRUNEAU

MACTEC Engineering and Consulting, Inc.
5710 Oleander Drive, Suite 110
Wilmington, North Carolina 28403
(910) 452-1185 p • (910) 791-1338 f

1.0 Previous Site Work

A Limited Phase II Site Assessment (Phase II) was completed for the RSC site. The Phase II was conducted by MACTEC, and included the collection of soil and groundwater samples at select locations. MACTEC collected soil samples and installed three temporary monitoring wells to assess three separate areas of concern at the site. TWM-1 was installed in the area of the former waste oil UST, TMW-2 was installed in the vicinity of a former wash area, which is adjacent to the former waste oil UST. TMW-3 was installed down gradient of the location to the former diesel UST's, which were removed in 1993. The results of that work are detailed in the *Initial Abatement Measures Report* dated April 7, 2008. Low concentrations of perchloroethylene (PCE) were detected in groundwater.

2.0 Additional Site Work

2.1 Well Installation

As part of this additional site assessment, MACTEC constructed three permanent monitoring wells at the RSC facility (Figure 1). The locations of the monitoring wells (MW-1, 2 and 3) are shown on Figure 2.

The well installation was accomplished using a Geoprobe® track drill rig on May 27, 2008. The boring depth was determined based on the depth of groundwater. The field activities and observations were recorded in a field book by the onsite geologist.

Groundwater monitoring wells MW-1, 2 and 3 consisted of a Geoprobe® Pre-packed Well Screen. The well consists of a 10-foot length of 0.001-inch slotted 1.0-inch Schedule 40 PVC screen attached to an appropriate length of 1.0-inch Schedule 40 PVC riser pipe. The slotted PVC well screen pipe is surrounded by a stainless steel mesh. Sand is packed between the slotted PVC and the stainless steel mesh, which guarantees that sand will be located directly around the well screen. Installation procedures included driving the probe rods to depth with the Geoprobe® probing machine. Once the well assembly is lowered to the bottom of the probe rod string, the probe rods are retracted to a point above the screen. Torpedo sand was added to the annulus of the borehole when necessary as the probe rod string was retracted. The sand pack was continued to two feet above the top of the well screen. Bentonite pellets were added (~2-feet thick) and were hydrated. Portland grout was then added and a flush mount well cover was then installed to grade. A locking expandable cap with lock was placed on the well.

2.2 Monitoring Well Sampling

On May 30, 2008, MACTEC personnel purged and sampled the three newly installed monitoring wells. All three wells were sampled for PCE by EPA method 8260B.

Prior to purging and sampling, a water level was collected from all three wells, using a pre-cleaned electronic water level meter. The well was developed using a peristaltic pump and clean dedicated high-density polyethylene (HDPE) tubing. The well was then purged and sampled, using a peristaltic pump and associated dedicated HDPE tubing. A field instrument was used to measure temperature, conductivity and pH of the purge water (Table 1). Groundwater samples were collected in laboratory prepared sample containers, placed in coolers filled with bagged ice, and were delivered to SGS, a North Carolina certified laboratory, for analysis of PCE. A chain-of-custody record was maintained throughout the sample collection and shipment process.

3.0 Results

On June 12, 2008, MACTEC personal surveyed the newly installed monitoring wells and obtained both GPS well locations and top of well casing elevations. A well location map (Figure 2) and a groundwater elevation contour map (Figure 3) are attached. The groundwater contour map indicates groundwater flowing to the west at a gradient of 0.005 ft/day.

Monitoring well MW-1 was installed on the eastern-most side of the property in an up gradient location. PCE was detected in MW-1 at a concentration of 3.17 µg/L which is above the NCAC 2L Standard of 0.7 µg/L.

Monitoring wells MW-2 and MW-3 were both installed downgradient of MW-1. Wells MW-2 and MW-3 had PCE concentrations of 3.45 and 3.75, respectively. Both wells were above the NCAC 2L Standard. Historical groundwater data is located on Table 2. A map showing detected compound concentrations in groundwater for both the March and May 2008 sampling events is depicted on Figure 4. Laboratory data is located in Appendix A.

4.0 Conclusions

Based on the laboratory results from the May 30, 2008 sampling and PCE in the up gradient well (MW-1), MACTEC is of the opinion that the PCE in groundwater is migrating onto the RSC property from an unknown up gradient source. The RSC property has been located in a light industrial zone for numerous years and contamination from an up gradient source is likely. Given

PCE in the up gradient well (MW-1), and uniform PCE throughout the site, it is unlikely that the contamination is coming from an onsite source. MACTEC is of the opinion that this information should be sufficient for the NCDENR UST Section to issue a no further action.

TABLES

TABLE 1
WELL MEASUREMENTS
RSC - 1020 NORTH FRONT STREET
WILMINGTON, NC
MACTEC Job No: 6550-08-0476

WELL ID	WELL ELEVATION TOC (Feet)	STATIC WATER LEVEL TOC (Feet)	GROUNDWATER ELEVATION TOC (Feet)	FIELD ANALYSIS		
				TEMP °C	pH	COND µs/cm
MW-1	95.81	16.29	79.52	23.8	6.1	267
MW-2	94.32	16.03	78.29	24.5	6.18	322
MW-3	96.47	17.92	78.55	22.2	6.05	301

NOTES:
Groundwater levels and field analysis collected on 5/30/08
Well elevation survey conducted 6/12/08
TOC = Top Of Casing
pH = Standard Units

Created by: WJM 6/17/08
Checked by: BDG 6/20/08

TABLE 2
HISTORICAL GROUNDWATER SAMPLING RESULTS
RSC EQUIPMENT RENTAL
WILMINGTON, NC
MACTEC Job No. 6550-08-0476

METHOD		MADBPH	8260B	8260B
CHEMICAL	DATE	Dibutylphthalate	1,2-Dichloroethane	Ethylbenzene
TMW-1	3/6/2008	240	3.7	NS
TMW-2	3/6/2008	NA	0.45	NS
TMW-3	3/6/2008	190	NA	NS
MW-1	6/30/2008	NA	NA	0.75
MW-2	6/30/2008	NA	NA	**3.45**
MW-3	6/30/2008	NA	NA	0.75
2l Standards (ug/L)		4200	0.7	0.7

Notes:
1. Groundwater samples were collected on May 30, 2008.
2. Bold numbers represent concentrations which exceed NC 2L standards.
3. All results are in ug/L.
4. NS = Not Sampled
5. NA = Not Analyzed

Prepared By: WJM 6/17/08
Checked By: BDG 6/20/08
H:Clients\East Coast Dev.\Wilmington\Laboratory Results 2008.xls

FIGURES

0 2000' 4000'

APPROX. SCALE IN FEET

MACTEC

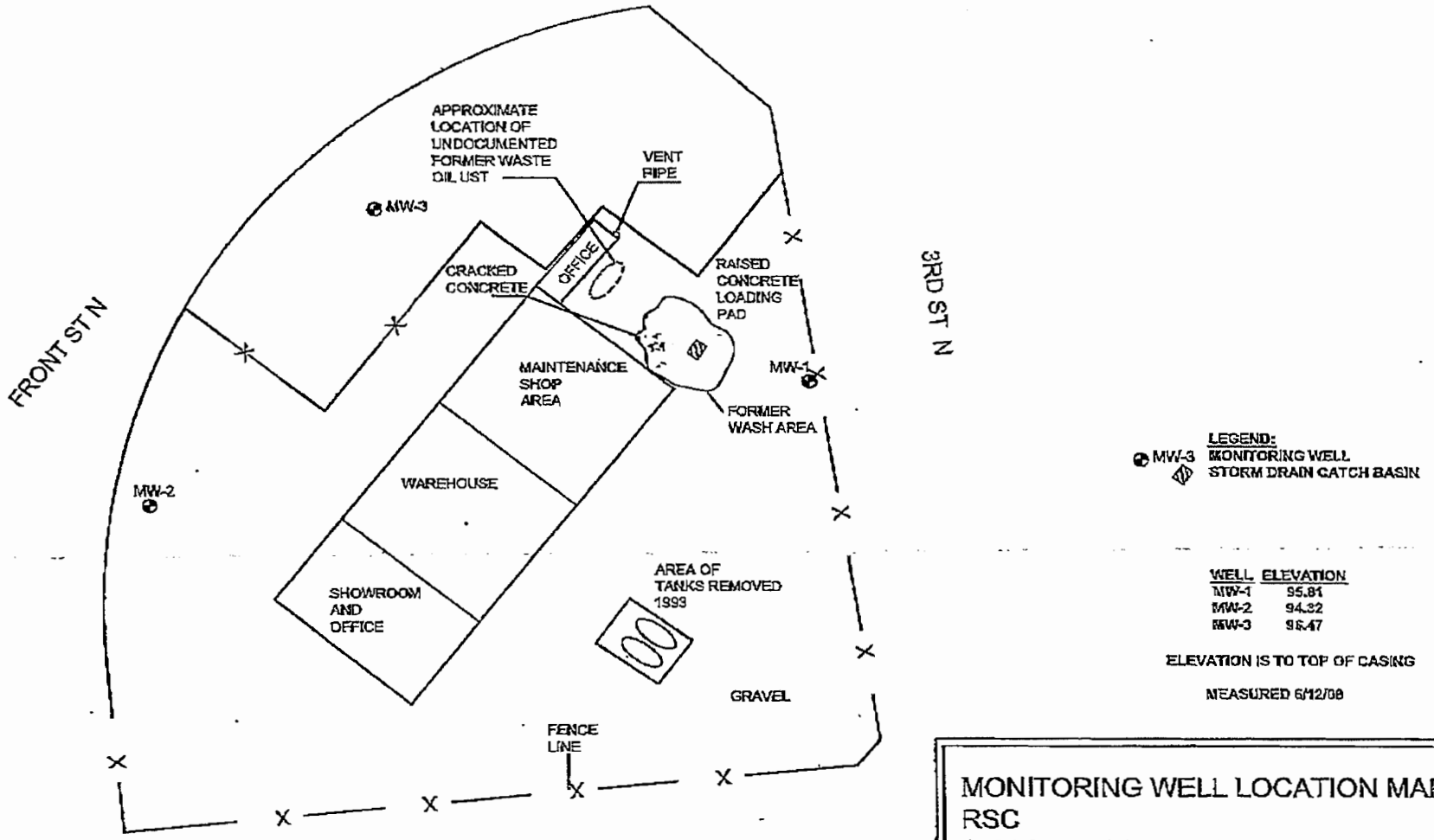
SITE LOCATION MAP

1020 NORTH FRONT STREET

WILMINGTON, NORTH CAROLINA

USGS TOPOQUAD, WILMINGTON, NC 1979

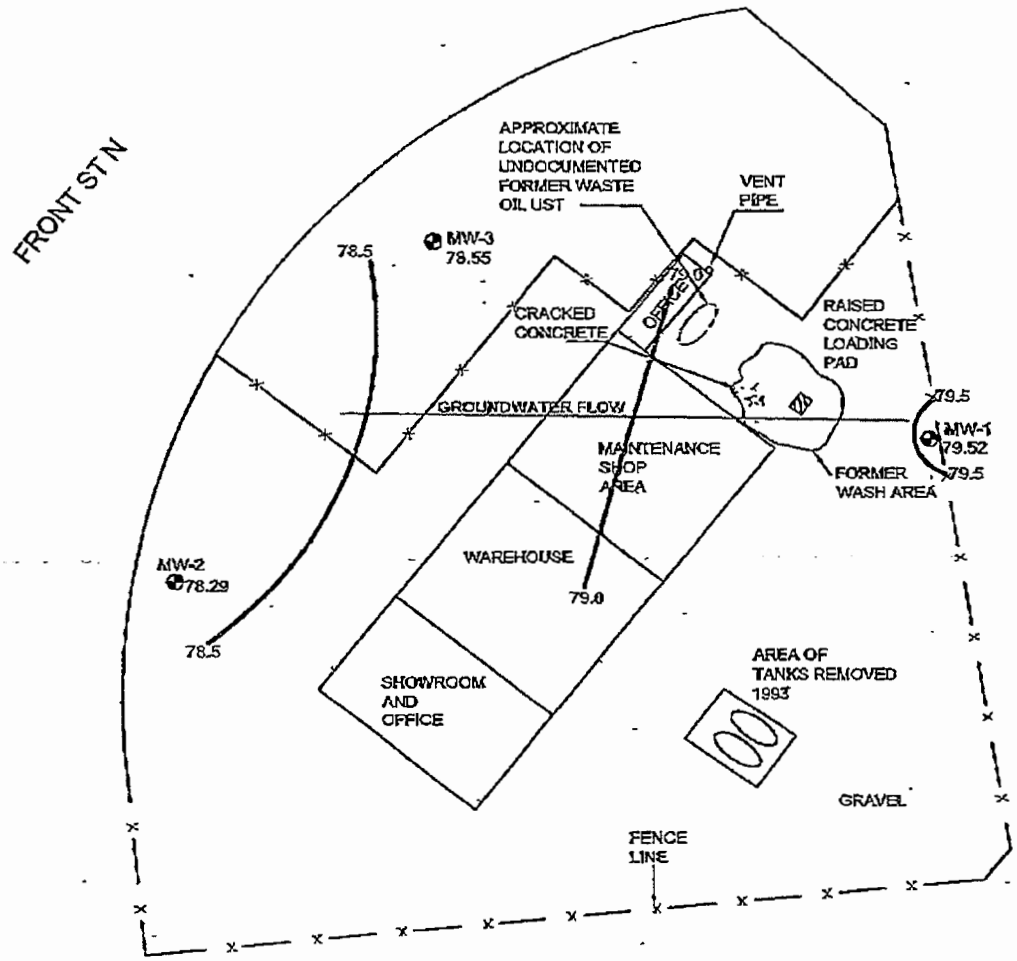
DRAWN: WBM	JOB #: 6550-08-0476
APPROVAL:	DATE:
SCALE: AS SHOWN	FIG. NO. 1



MONITORING WELL LOCATION MAP
RSC
1020 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA

MACTEC

DRAWN:	WBM	JOB:	6550-08-0476
APPROVAL:		DATE:	
SCALE:	N.T.S.	FIG:	2
REFERENCE:	2002 NHCO GIS		



LEGEND:

- MW-3 — MONITORING WELL
- STORM DRAIN CATCH BASIN
- 78.55 — GROUNDWATER CONCENTRATION
- 79.5 — GROUNDWATER CONCENTRATION CONTOUR

NOTES:
1-WATER LEVELS COLLECTED 5-30-08
2-WELL ELEVATIONS SURVEYED 6-12-08
3-MONITORING WELL LOCATIONS WERE LOCATED USING A TRIMBLE EXPLORER GPS

WELL	ELEVATION
MW-1	95.81
MW-2	94.32
MW-3	95.47

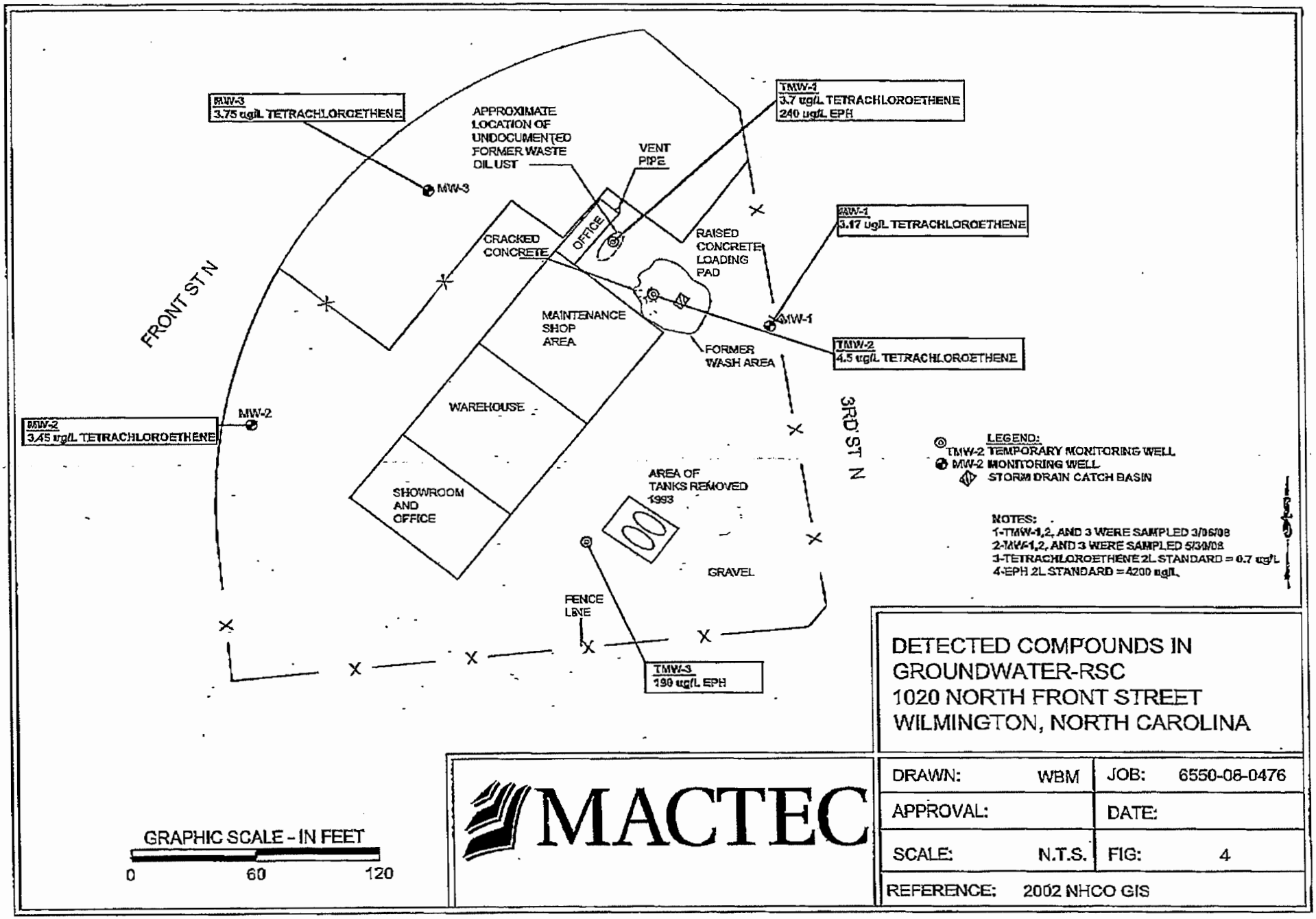
ELEVATION IS TO TOP OF CASING

GRAPHIC SCALE - IN FEET
0 60 120

MACTEC

GROUNDWATER ELEVATION MAP
RSC
1020 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA

DRAWN:	WBM	JOB:	6550-08-0476
APPROVAL:		DATE:	
SCALE:	AS SHOWN	FIG:	3
REFERENCE:	2002 NHCO GIS		



DETECTED COMPOUNDS IN GROUNDWATER-RSC
1020 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA

MACTEC

DRAWN:	WBM	JOB:	6550-08-0476
APPROVAL:		DATE:	
SCALE:	N.T.S.	FIG:	4
REFERENCE:	2002 NHCO GIS		

APPENDIX A

SGS

SGS ENVIRONMENTAL SERVICES, INC.

Mr. Chris Pruneau
Mactec
5710 Oleander Drive
Suite 110
Wilmington NC 28403
Report Number: G132-1910

Client Project: RSC-Wilmington
Report Revised: June 11, 2008

Dear Mr. Pruneau:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.

Project Manager
Lori Lockamy

6/11/08
Date

SGS

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-1
Client Project ID: RSC-Wilmington
Lab Sample ID: G132-1910-1A
Lab Project ID: G132-1910

Analyzed By: CLP
Date Collected: 5/30/2008 11:40
Date Received: 5/30/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Tetrachloroethene	3.17	1.00	1	6/9/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	10.5	105
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:

Analyst: _____ Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles by GCMS 8260B

Client Sample ID: MW-2
Client Project ID: RSC-Wilmington
Lab Sample ID: G132-1910-2A
Lab Project ID: G132-1910

Analyzed By: CLP
Date Collected: 5/30/2008 12:25
Date Received: 5/30/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Tetrachloroethene	3.45	1.00	1	6/9/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	10.3	103
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:

Analyst: _____ Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles by GCMS 8260B

Client Sample ID: MW-3
Client Project ID: RSC-Wilmington
Lab Sample ID: G132-1910-3A
Lab Project ID: G132-1910

Analyzed By: CLP
Date Collected: 5/30/2008 10:25
Date Received: 5/30/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Tetrachloroethene	3.75	1.00	1	6/9/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.8	108
Toluene-d8	10	10.4	104
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:

Analyst: _____ Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles by GCMS 8260B

Client Sample ID: Trip Blank (not on COC)
Client Project ID: RSC-Wilmington
Lab Sample ID: G132-1910-4A
Lab Project ID: G132-1910

Analyzed By: CLP
Date Collected: 5/30/2008 0:00
Date Received: 5/30/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Tetrachloroethene	BQL	1.00	1	6/9/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.4	104
4-Bromofluorobenzene	10	10.2	102

Comments:

Flags:

Analyst: _____ Reviewed By: _____

SGS

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK1060908B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Tetrachloroethene	BQL	1.00	1	6/9/2008

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	106
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental
Lab Code: NC00919 Case No.: SAS No.: SDG No:
Matrix: (soil/water) Water Lab Sample ID: LCS1060908a
Sample wt/vol: 5.00 (mL) Lab File ID: 0509103.D
Level: (low/med) NA
% Moisture: not dec. NA Date Analyzed: 2008-06-09 10:02
GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1
Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
67-64-1	acetone	25.0	26.5	106	23.5-141
107-02-8	acrolein	125	150	120	31.4-182
107-13-1	acrylonitrile	125	142	114	64.2-140
71-43-2	benzene	5.00	5.42	108	76.6-120
108-86-1	bromobenzene	5.00	5.13	103	75.0-122
74-97-5	bromochloromethane	5.00	5.65	113	74.8-127
75-27-4	bromodichloromethane	5.00	5.56	111	76.4-117
75-25-2	bromoform	5.00	5.40	108	62.4-127
74-83-9	bromomethane	5.00	5.42	108	34.2-166
78-93-3	2-butanone	25.0	28.3	113	44.9-126
104-51-8	n-butylbenzene	5.00	5.13	103	72.0-122
135-98-8	sec-butylbenzene	5.00	4.93	98.6	78.3-116
98-06-6	tert-butylbenzene	5.00	4.32	86.4	53.1-148
75-15-0	Carbon disulfide	5.00	5.65	113	69.0-118
56-23-5	carbon tetrachloride	5.00	5.80	116	71.7-124
108-90-7	chlorobenzene	5.00	4.99	99.8	75.5-116
75-00-3	chloroethane	5.00	5.91	118	78.2-138
110-75-8	2-chloroethyl vinyl ether	125	128	102	5.57-235
67-66-3	chloroform	5.00	5.56	111	80.6-117
74-87-3	chloromethane	5.00	4.92	98.4	72.6-127
95-49-8	2-chlorotoluene	5.00	5.12	102	81.4-117
106-43-4	4-chlorotoluene	5.00	5.15	103	82.1-116
124-48-1	dibromochloromethane	5.00	5.52	110	73.1-117
96-12-8	1,2-dibromo-3-chloropropane	25.0	27.2	109	58.0-133
106-93-4	1,2-dibromomethane	5.00	5.39	108	75.5-118
74-95-3	dibromomethane	5.00	5.75	115	77.3-124
95-50-1	1,2-dichlorobenzene	5.00	5.21	104	76.3-115
541-73-1	1,3-dichlorobenzene	5.00	5.14	103	79.1-114
106-46-7	1,4-dichlorobenzene	5.00	5.20	104	76.8-115
110-57-6	trans-1,4-Dichloro-2-butene	25.0	24.3	97.3	52.3-130
75-71-8	dichlorodifluoromethane	5.00	5.71	114	69.8-134
75-34-3	1,1-dichloroethane	5.00	5.53	111	79.0-120
107-06-2	1,2-dichloroethane	5.00	5.81	116	72.8-126
75-35-4	1,1-dichloroethene	5.00	5.59	112	74.6-121
156-59-2	cis-1,2-dichloroethene	5.00	5.46	109	78.0-121
156-60-5	trans-1,2-dichloroethene	5.00	5.41	108	60.7-144
78-87-5	1,2-dichloropropane	5.00	5.51	110	75.8-119
142-28-9	1,3-dichloropropane	5.00	5.16	103	78.5-113
594-20-7	2,2-dichloropropane	5.00	5.82	116	75.6-130
563-58-6	1,1-dichloropropene	5.00	5.61	112	79.7-117
10061-01-5	cis-1,3-dichloropropene	5.00	5.58	112	79.8-113

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water Lab Sample ID: LCS1060906a

Sample wt/vol: 5.00 (mL) Lab File ID: 0609103.D

Level: (low/med) NA

% Moisture: not dec. NA Date Analyzed: 2008-06-09 10:02

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	5.00	5.71	114 *	79.0-113
108-20-3	diisopropyl ether	5.00	5.49	110	71.8-115
100-41-4	ethylbenzene	5.00	5.02	100	80.5-115
87-68-3	hexachlorobutadiene	5.00	5.66	113	63.3-139
591-78-6	2-hexanone	25.0	23.9	95.7	46.8-123
74-88-4	Iodomethane	5.00	4.81	96.2	29.3-156
98-82-8	isopropylbenzene	5.00	5.05	101	81.6-114
99-87-6	4-isopropyltoluene	5.00	5.05	101	78.4-119
1634-04-4	Methyl-tert-butyl ether	5.00	5.81	116 *	76.0-114
75-09-2	methylene chloride	5.00	5.62	112	72.9-120
108-10-1	4-methyl-2-pentanone	25.0	28.7	115	56.2-124
91-20-3	naphthalene	5.00	6.14	123	24.8-182
103-65-1	n-propyl benzene	5.00	5.05	101	79.0-116
100-42-5	styrene	5.00	5.01	100	64.8-132
630-20-6	1,1,1,2-tetrachloroethane	5.00	5.30	106	78.8-118
79-34-5	1,1,2,2-tetrachloroethane	5.00	5.55	111	69.7-119
127-18-4	tetrachloroethene	5.00	4.94	98.8	55.3-144
108-88-3	toluene	5.00	5.50	110	78.6-117
87-61-6	1,2,3-trichlorobenzene	5.00	6.16	123	20.8-193
120-82-1	1,2,4-trichlorobenzene	5.00	5.43	108	47.9-150
71-55-6	1,1,1-trichloroethane	5.00	5.70	114	78.8-120
79-00-5	1,1,2-trichloroethane	5.00	5.17	103	73.6-117
79-01-6	trichloroethene	5.00	5.47	109	80.2-116
75-69-4	trichlorofluoromethane	5.00	6.90	138 *	80.5-130
96-18-4	1,2,3-trichloropropane	5.00	5.37	107	35.6-152
95-36-3	1,2,4-trimethylbenzene	5.00	5.17	103	77.0-116
108-67-8	1,3,5-trimethylbenzene	5.00	5.15	103	79.4-114
108-05-4	Vinyl acetate	12.5	12.3	98.6	60.7-127
75-01-4	vinyl chloride	5.00	5.46	109	77.6-126
108-38-3	m/p-xylene	10.0	10.1	101	82.9-112
95-47-6	o-xylene	5.00	5.11	102	81.3-113

System Monitoring Compound Results

		Spike Added (µg/L)	Spike Result (µg/L)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	10	10.0	102	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	11.0	110	63.5-140
2037-26-5	Toluene-d8	10	10.0	104	81.8-117

Analyst: Reviewed by:

SGS

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD1

Lab Code: NC00919 — Batch: 1060908

EPA Sample No.: g132-1910-1b, g132-1910-1b, g132-1910-1b — Dilution: 100

Filenames: 0609120.D, 0609122.D, 0609123.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	2500	2550	102*	2500	2500	100*	2.10	30	17.7-85.2
acrolein	BQL	12500	14200	114	12500	14600	117	3.03	30	0.00-424
acrylonitrile	BQL	12500	13700	109	12500	14500	116	6.15	30	85.0-175
benzene	BQL	500	552	110	500	540	108	2.20	30	61.6-135
bromobenzene	BQL	500	519	104	500	516	103	0.580	30	65.1-125
bromochloromethane	BQL	500	586	117	500	564	113	3.83	30	75.5-126
bromodichloromethane	BQL	500	580	116	500	563	113	2.97	30	74.3-123
bromoform	BQL	500	525	105	500	513	103	2.31	30	52.3-122
bromomethane	BQL	500	317	63.4	500	414	82.8	26.5	30	10.0-284
2-butanone	BQL	2500	2780	111*	2500	2730	109*	1.82	30	36.1-107
n-butylbenzene	BQL	500	515	103	500	496	99.2	3.76	30	70.2-124
sec-butylbenzene	BQL	500	508	102	500	498	99.6	1.99	30	62.0-133
tert-butylbenzene	BQL	500	450	90.0	500	422	84.4	6.42	30	73.5-121
Carbon disulfide	BQL	500	569	114	500	553	111	2.85	30	68.8-129
carbon tetrachloride	BQL	500	587	117	500	565	113	3.82	30	71.8-122
chlorobenzene	BQL	500	495	99.0	500	494	98.8	0.202	30	77.2-118
chloroethane	BQL	500	627	125	500	640	128	2.05	30	10.0-233
2-chloroethyl vinyl ether	BQL	1250	5940	475*	1250	5610	448*	5.82	30	16.7-283
chloroform	BQL	500	553	111	500	553	111	0.00	30	74.0-128
chloromethane	BQL	500	471	94.2	500	508	102	7.56	30	72.0-138
2-chlorotoluene	BQL	500	518	104	500	515	103	0.581	30	79.3-118
4-chlorotoluene	BQL	500	522	104	500	511	102	2.13	30	76.8-120
dibromochloromethane	BQL	500	547	109	500	523	105	4.48	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	2500	2860	114	2500	2780	111	2.91	30	20.2-171
1,2-dibromomethane	BQL	500	522	104	500	520	104	0.384	30	78.5-123
dibromomethane	BQL	500	576	115	500	548	110	4.98	30	71.3-137
1,2-dichlorobenzene	BQL	500	536	107	500	513	103	4.38	30	75.1-120
1,3-dichlorobenzene	BQL	500	521	104	500	502	100	3.71	30	73.1-121
1,4-dichlorobenzene	BQL	500	531	106	500	506	101	4.82	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	2500	1860	74.3	2500	1940	77.6	4.32	30	25.7-149
dichlorodifluoromethane	BQL	500	563	113	500	609	122	7.85	30	41.7-166
1,1-dichloroethane	BQL	500	569	114	500	552	110	3.03	30	75.6-128
1,2-dichloroethane	BQL	500	618	124	500	593	119	4.13	30	71.1-127
1,1-dichloroethene	BQL	500	540	108	500	533	107	1.30	30	64.4-130
cis-1,2-dichloroethene	BQL	500	555	111	500	543	108	2.18	30	72.7-134
trans-1,2-dichloroethene	BQL	500	566	113	500	533	107	6.00	30	74.6-124
1,2-dichloropropane	BQL	500	571	114	500	549	110	3.93	30	76.5-129
1,3-dichloropropane	BQL	500	521	104	500	500	100	4.11	30	79.1-121
2,2-dichloropropane	BQL	500	575	115	500	545	109	5.36	30	31.5-157
1,1-dichloropropene	BQL	500	578	116	500	533	107	8.10	30	72.5-120
cis-1,3-dichloropropene	BQL	500	549	110	500	542	108	1.28	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD1

Lab Code: NC00919 — Batch: 1060908

EPA Sample No.: g132-1910-1b, g132-1910-1b, g132-1910-1b — Dilution: 100

Filenames: 0609120.D, 0609122.D, 0609123.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	500	520	104	500	502	100	3.52	30	44.7-144
Diisopropyl ether	BQL	500	550	110	500	535	107	2.76	30	79.4-122
ethylbenzene	BQL	500	516	103	500	492	98.4	4.76	30	73.8-126
hexachlorobutadiene	BQL	500	507	101	500	505	101	0.395	30	51.8-134
2-hexanone	BQL	2500	2430	97.3	2500	2300	91.9	5.71	30	41.6-111
Iodomethane	BQL	500	342	68.4	500	406	81.2	17.1	30	40.6-126
isopropylbenzene	BQL	500	518	104	500	493	98.6	4.94	30	74.3-123
4-isopropyltoluene	BQL	500	517	103	500	498	99.6	3.74	30	74.6-122
Methyl-tert-butyl ether	BQL	500	583	117	500	549	110	6.01	30	66.5-136
methylene chloride	BQL	500	554	111	500	542	108	2.19	30	48.6-155
4-methyl-2-pentanone	BQL	2500	2830	113	2500	2720	109	4.14	30	6.88-166
naphthalene	BQL	500	475	95.0	500	500	100	5.13	30	55.1-140
n-propyl benzene	BQL	500	506	101	500	496	99.2	2.00	30	71.6-128
styrene	BQL	500	512	102	500	498	99.6	2.77	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	500	537	107	500	528	106	1.69	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	500	527	105	500	541	108	2.62	30	75.7-136
tetrachloroethene	BQL	500	499	99.8	500	486	97.2	2.64	30	45.8-153
toluene	BQL	500	554	111	500	530	106	4.43	30	66.4-128
1,2,3-trichlorobenzene	BQL	500	479	95.8	500	477	95.4	0.418	30	61.0-126
1,2,4-trichlorobenzene	BQL	500	494	98.8	500	494	98.8	0.00	30	60.5-125
1,1,1-trichloroethane	BQL	500	594	119	500	570	114	4.12	30	78.4-121
1,1,2-trichloroethane	BQL	500	530	106	500	492	98.4	7.44	30	64.8-128
trichloroethene	BQL	500	554	111	500	534	107	3.68	30	84.9-136
trichlorofluoromethane	BQL	500	561	112	500	749	150*	28.7	30	76.8-132
1,2,3-trichloropropane	836	500	-383	-76.6*	500	-390	-78.0*	1.81	30	10.0-218
1,2,4-trimethylbenzene	BQL	500	526	105	500	522	104	0.763	30	31.0-172
1,3,5-trimethylbenzene	BQL	500	527	105	500	514	103	2.50	30	67.7-132
Vinyl acetate	BQL	1250	1370	110	1250	1290	103	6.32	30	0.00-355
vinyl chloride	BQL	500	522	104	500	568	114	8.44	30	58.1-137
m/p-xylene	BQL	1000	1020	102	1000	996	99.6	2.58	30	79.8-118
o-xylene	BQL	500	516	103	500	496	99.2	3.98	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.5	105	10	10.55	105	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	11.22	112	10	11.49	115	63.5-140
2037-26-5	Toluene-d8	10	10.46	105	10	10.47	105	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 2 failure(s) out of 72. MSD Spike Recovery: 2 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

0870

JUN. 24. 2008 1:59PM WACHOVIA SGS ENVIRONMENTAL SERVICES, INC. NO. 9431 P. 26

(1)

CLIENT: MACTEC

CONTACT: CHRIS PRUNEAN PHONE NO: (910) 452 1185

PROJECT: RSC - WILMINGTON SITE/PWSID#:

REPORTS TO: CHRIS PRUNEAN E-MAIL:

FAX NO.: ( )

INVOICE TO: QUOTE # 6550080476

P.O. NUMBER

SGS Reference: G132-1910

PAGE ____ OF ____

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservative Used: HCL; Analysis Required (3): TETRACHLOROETHENE 8260B	REMARKS
	MW-1	5-30-08	1140	W	3	G	X	
	MW-2	5-30-08	1225	W	3	G	X	
	MW-3	5-30-08	1025	W	3	G	X	

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
FRANK L. STROEHMER	5-30-08	1250	[signature]	5/30/08	1250
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature /C: on ice 5.2°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

Attachment 2

Environmental

LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

1020 North Front Street
1020 North Front Street
Wilmington, North Carolina

Project No. ENMO130125.00
RETECHS NO. WF-CWS-13-020587-01-1

Prepared For:

Thomas Rengert
Wells Fargo Bank RETECHS
401 S. Tryon Street
26th Floor
Charlotte, NC 28282

Prepared By:

EI, Inc.
2101 Gateway Centre Boulevard, Suite 200
Morrisville, North Carolina 27560
Phone: (919) 657-7500

July 16, 2013

LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

Conducted on

1020 North Front Street
1020 North Front Street
Wilmington, North Carolina 28269

for

Mr. Thomas Rengert
Wells Fargo Bank RETECHS
401 S. Tryon Street
26th Floor
Charlotte, North Carolina 28282

RETECHS No.: WF-CWS-13-020587-01-1
EI Project No.: ENMO130125.00
Issue Date: July 16, 2013

Douglas M. Albrecht
Environmental Technician

Darren R. Lockhart, P.G.
Manager, Environmental Operations

Prepared By:

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TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 Background 1
- 1.2 Purpose 2
- 1.3 Scope of Work 2

2.0 SITE CHARACTERISTICS 4
- 2.1 Site Location 4
- 2.2 Site Description 4

3.0 FIELD ACTIVITIES 4
- 3.1 Field Inspection 4
- 3.2 Subsurface Methodology 5
  - 3.2.1 Soil Test Borings 5
  - 3.2.2 Soil Boring Methodology 5
  - 3.2.3 Soil Sample Collection Procedures 6
- 3.3 Soil Analysis 6
- 3.4 Soil Lithology 6
- 3.5 Groundwater Quality Sampling 6
- 3.6 Groundwater Quality Analysis 6

4.0 LABORATORY ANALYTICAL RESULTS 7
- 4.1 Laboratory Analytical Results – Soil 7
- 4.2 Laboratory Analytical Results – Groundwater 7

5.0 CONCLUSIONS AND RECOMMENDATIONS 8

LIST OF TABLES

Table 1: Laboratory Analytical Results – Soil
Table 2: Laboratory Analytical Results - Groundwater

LIST OF FIGURES

Figure 1: Site Location Map
Figure 2: Site Map and Soil Boring Locations
Figure 3: Groundwater Elevation Map
Figure 4: Analytical Results Map – Soil and Groundwater

APPENDICES

Appendix A – GPR Survey Report
Appendix B – Site Photos
Appendix C - Soil Boring Logs
Appendix D - Laboratory Analytical Report

1.0 INTRODUCTION

The EI Group, Inc. (EI) has completed a *Limited Phase II Environmental Site Assessment (Limited Phase II ESA)* of the commercial property located at 1020 North Front Street Wilmington (New Hanover County), North Carolina. The work was conducted between June 21 and June 28, 2013 beginning with a Ground Penetrating Radar Survey followed by the soil and groundwater assessment, and then an inspection of the oil/water separator system. The *Limited Phase II ESA* was authorized by Mr. Thomas Rengert, of Wells Fargo Bank, via a technical/cost proposal submitted by EI dated June 11, 2013.

The following report is provided for the sole use of Wells Fargo Bank, or its affiliates, agents, or designees with a security interest on the subject property for the project for which it was prepared. Use of this report by any third parties will be at the party's sole risk, and EI disclaims any liability for any such use or reliance by third parties.

1.1 Background

EI performed a *Phase I Environmental Site Assessment (Phase I ESA)* at the Subject Property in June 2012. The subject property consists of a 1.2971-acre, irregularly-shaped parcel of developed land. Reportedly, the current owner of the subject property is recorded as Movies One, LLC, which appears to have owned the subject property since 2006. At the time of the Phase I, the subject property operated as RSC Equipment Rental, a heavy construction equipment rental and service center since approximately 1983. Prior to 1983 and back to at least 1949, the subject property operated as a city bus garage and maintenance and auto repair facility. The Phase I ESA identified the following:

Recognized Environmental Condition (REC):

- One *REC* associated with the 63+-year use of the property for automotive and construction equipment service and repair operations, which has included the use of several USTs;
- One *REC* associated with the identification of the property as an active STATE site based on confirmed soil and groundwater contamination with organics; and
- One *REC* associated with the unlined concrete oil water separator pit, which was noted with dried sludge and standing oil below grade.

Historical Recognized Environmental Condition (HREC):

- One *HREC* associated with release discovered during removal of USTs from the subject property in 1993. It appears NCDENR granted regulatory closure 2009.

Potential Environmental Concern:

- Orphan tanks: based on the inconsistency of tank reporting and the long term industrial use, the presence of remaining USTs cannot be ruled out.
- Waste oil storage area: observed staining and manual transfer of oily wastes to outside containers.
- Wastewater pretreatment system: municipal compliance

1.2 Purpose

This *Limited Phase II ESA* was performed to assess the above-mentioned items. Based on the findings of this investigation, EI recommended the following:

- A Phase II ESA to determine the extent of the contamination at the site, as related to the STATE listing. Following the results Phase II subsurface investigation, it should be determined if vapor intrusion remains a concern.
- Soil and groundwater sampling around the oil water separator pit. In addition, the pit should be emptied and thoroughly inspected to evaluate its integrity.
- A ground-penetrating radar survey to rule out the presence of any remaining USTs at the site.
- A compliance evaluation of the oil water separator and filtration system for wastewater pretreatment.

1.3 Scope of Work

To meet the objectives of the *Limited Phase II ESA*, EI inspected the property, collected field measurements and implemented a soil sampling program. To perform the soil boring program, EI employed Direct Push Technology (DPT) methods. This report describes the investigation and represents a reasonable effort to quantify these potential environmental concerns.

Specifically, EI followed the proposed scope-of-work, which included:

- Underground utility location
- Procuring a Ground Penetrating Radar Survey (GPR) contractor to determine whether tanks are present;
- Completion of eight (8) soil borings advanced to groundwater or refusal using DPT methods for sampling and analysis;
- Installation of four (4) temporary groundwater monitoring well to assess groundwater quality;
- Sampling of two (2) existing groundwater monitoring wells;
- Containerizing and preserving selected samples via laboratory-prepared containers and standard chain-of-custody for laboratory analysis;
- Lab analysis of samples, eight (8) soil and six (6) groundwater, for total petroleum hydrocarbons (TPHs), gasoline and diesel range organics (GROs and DROs), volatile organic compounds (VOCs), semi-VOCs (SVOCs) – polycyclic aromatic hydrocarbons (PAHs);
- Inspection of the oil water separator system;
- Preparing a final report that documents the field activities and presents a summary of findings along with our conclusions and recommendations.

2.0 SITE CHARACTERISTICS

2.1 Site Location

The subject property is located in Wilmington (New Hanover County), North Carolina and is addressed as 1020 North Front Street. The subject property is located southwest of the North Front/North 3rd Street in the northern portion of downtown Wilmington.

The subject property is contained by one irregularly-shaped, 1.2971-acre parcel of land referred to as parcel identification number 311816.72.8799.000 in the New Hanover County property records. The subject property is partially described as "commencing at a right of way monument in the eastern right of way of North Front Street and being northwestern corner of a tract of land owned now or formerly by Wilmington Union Bus Station Corporation..." The subject property is better described in Deed Book 5100, Page 1578 at the New Hanover County Register of Deeds office in Wilmington.

2.2 Site Description

The current owner of the subject property is recorded as Movies One, LLC, which has owned the subject property since 2006. As reported in the June 2012 *Phase I ESA*, according to Mr. Radford Gurganious, RSC Equipment Rental Service Manager and *Key Site Manager,* the property operated as a heavy construction equipment rental and service center since approximately 1983.

The subject property is currently unoccupied/vacant and improved with one building and a paved and gravel storage yard. Operations at the subject property included business administration, sales, small equipment storage (indoors), heavy construction equipment storage (outdoors), equipment maintenance and repairs, and on-site truck and equipment fueling.

Electricity is provided to the subject property by Progress Energy and natural gas is provided by Piedmont Natural Gas. Water and sanitary sewer services are provided to the subject property by the City of Wilmington.

3.0 FIELD ACTIVITIES

On June 21, 2013 Ground Penetrating Radar Systems, Inc. (GPRS) of Raleigh, North Carolina mobilized to the Subject Property to conduct a GPR survey across the entire site. GPRS used a GSSI (Geophysical Survey Systems, Inc.) Ground Penetrating Radar Unit classified as a SIR-3000. The antenna used on this project was a 400MHz antenna which is capable of reaching depths between 8 to 10 feet. Reportedly, no USTs were found during the survey. A copy of the GPR Survey report is provided in **Appendix A**.

On June 26, 2013, EI mobilized to the Subject Property to perform the *Limited Phase II ESA*. EI subcontracted with Troxler Geologic Services, Inc. to implement the soil boring program for the soil and groundwater quality assessment. Prior to advancing soil borings, EI conducted a site walkover to identify the areas of concern for the *Limited Phase II ESA* and to verify that the underground utilities had been marked. No conflicts were identified. All borings were adjusted accordingly. **Figure 2** depicts the pertinent site features and the locations of soil borings.

3.1 Field Inspection

Eight (8) soil borings (SB-1 through SB-8) were advanced for continuous soil screening and sampling at the areas of concern to provide representative data for soil and/or groundwater quality (refer to **Figure 2**). There were no obvious olfactory and visible indications of impacts observed in the soil cores, and PID/FID readings ranged from 0.1 to 0.5 parts per million (ppm). The water table was encountered between 15 and 17 feet bgs across the site. Soil samples were collected in unsaturated soils at the interval exhibiting the greatest indication of impact, or just above the water table.

As mentioned earlier, four soil borings were advanced to intersect the water table and install a temporary monitoring well (TMW-A, TMW-B, TMW-C and TMW-D). The boreholes were converted into temporary wells by inserting a clean 1-inch slotted PVC column across the water table down to 20 feet bgs. All borings were properly plugged and abandoned following field activities. Groundwater sampling methods are discussed further in Section 3.5.

Following temporary well installation, EI conducted a level survey to measure the relative elevation differences between TMW-A through TMW-D, MW-1 and MW-2 in order to map groundwater flow across the Subject Property. MW-1 was assigned an arbitrary benchmark elevation of 100 feet above mean sea level (msl) for reference. The survey was conducted using a survey level instrument on a tripod, and a telescoping stadia rod. Each foresight measurement was taken on the top-of-casing to the nearest hundredth of a foot (0.01 ft) in order to determine the elevation at each well. Depth to groundwater measurements were subsequently used to determine groundwater elevations and flow vectors. The survey confirmed groundwater movement at the Subject Property to be towards the west/southwest over an approximate horizontal hydraulic gradient of 0.0103 (ft/ft). **Figure 3** depicts the groundwater elevations (assumed) and flow vectors.

EI conducted a visual inspection of the oil-water separator system. The oil-water separator is an above-grade AFL Industries VTC Series unit comprised of molded fiberglass. The oil-water separator was disconnected at the inlet valve and the tank was full at the time (approximately 250 gallons oil-water). The system appears to be in sound operational condition, as there were no items of concern with noted with the unit and piping during this assessment.

Approximately 300 gallons of water in the wash bay sump and storage area sump was pumped into a clean storage tank using a vac truck. The sumps are comprised of poured concrete. The side walls were scraped where accessible for observation. The floors of the sumps could not be accessed due to sediment. No indications of cracks were noted.

It should be noted that approximately 30 gallons of used oil was observed in a 55-gallon blue plastic drum. In addition one 5-gallon metal can of liquid was observed on the interior of the oil-water separator room. This container was not labeled and appeared to be sealed at the bung. Photos of this area and the site building are included in **Appendix B**.

3.2 Subsurface Methodology

The following sections describe the activities that were performed to conduct the assessment of subsurface soils and groundwater quality.

3.2.1 Soil Test Borings

As mentioned previously, EI personnel subcontracted with Troxler Geologic Services, Inc. to conduct DPT test boring methods.

3.2.2 Soil Boring Methodology

DPT boring activities were performed with a Geoprobe®. DPT refers to tools and sensors that are inserted into the subsurface without the use of drilling to remove soil and make a path for the tool. The Geoprobe® is a hydraulically-powered probing machine, which uses static force and a percussion hammer to advance small diameter sampling tools into the subsurface to collect soil cores, groundwater samples, and soil gas samples. A Geoprobe® relies on a relatively small amount of static (vehicle) weight combined with percussion as the energy for advancement of a tool string.

The soil advancement tooling equipment and sampling equipment were decontaminated between each soil boring with a DI water/alconox rinse solution. During boring activities, soil samples were classified in the field utilizing the Unified Soil Classification System (USCS). The borings were backfilled at the

base or bottom of the boring with hydrated bentonite pellets capped with soil boring cuttings.

3.2.3 Soil Sample Collection Procedures

Representative soil profiles from the soil borings were collected in 5.0-foot increments using acetate liners contained in a steel cased macro sampling tube. All soil samples were "hand grabbed" from the soil sampler with disposable nitrile gloves, and then and placed into a sealable plastic bag for analysis with a Photo-Ionization Detector (PID) and subsequent collection.

A total of eight (8) soil samples were collected from the soil borings for submittal for laboratory analysis. Soil samples retained for laboratory analyses were placed into clean laboratory prepared containers, labeled and placed in a cooler with ice.

3.3 Soil Analysis

All soil samples were delivered under chain-of-custody protocol to Pace Analytical Services of Huntersville, North Carolina to be analyzed for TPHs-GROs and DROs by EPA 8015, for VOCs by EPA Method 8260B and for SVOCs-PAHs by EPA Method 8270D.

3.4 Soil Lithology

Subsurface soils encountered in the area of study generally were described as follows: light brown, brown and orange, medium SAND (SP) with little to no fines (silt) down to 20.0 feet bgs. Groundwater was encountered in the boreholes at approximately 15.0 to 17.0 feet bgs. Soil boring logs are presented in **Appendix C**.

3.5 Groundwater Quality Sampling

As mentioned earlier, groundwater was sampled at TMW-A through TMW-D, MW-1 and MW-2 using a peristaltic pump and disposable tubing. Fresh groundwater was withdrawn and transferred directly into laboratory-prepared containers without filtering. The sample containers were placed in a cooler with ice.

3.6 Groundwater Quality Analysis

The groundwater samples were delivered under chain-of-custody protocol to Pace Analytical Services to be analyzed for VOCs and SVOCs-PAHs.

4.0 LABORATORY ANALYTICAL RESULTS

The laboratory analytical results for soil and groundwater quality for this assessment were compared to the regulatory standards listed under the NC Department of Environment and Natural Resources (NCDENR), Division of Waste Management's (DWM) TPH Action Limits, the Maximum Soil Contaminant Concentrations (MSCCs), the 2L Groundwater Quality Standards and the NC Inactive Hazardous Sites Branch's (IHSB) Industrial/Commercial Vapor Intrusion Screening Table.

4.1 Laboratory Analytical Results – Soil

According to the laboratory analytical report, DROs were detected in SB-4, SB-5 and SB-6 at 34.3, 42.4, and 22.1 milligrams per kilogram (mg/kg) or parts per million (ppm), respectively. These concentrations exceed the Action Limits for DROs of 10 mg/kg. It should be noted that these DRO impacts were found within and adjacent to the former UST tankhold areas (2), and are consistent with the historic UST incident. In addition, acetone was detected in SB-6 at 0.136 mg/kg; however, this concentration is below the Soil-to-Groundwater MSCC of 24 mg/kg. There were no other DROs, GROs, VOCs and PAHs detected in any of the samples. A copy of the laboratory analytical report is included in **Appendix D**.

4.2 Laboratory Analytical Results - Groundwater

According to the laboratory analytical report, tetrachloroethene (PCE) was detected in MW-1, MW-2, TMW-B, TMW-C and TMW-D at concentrations ranging from1.6 to 5.9 micrograms per liter (µg/L) or parts per billion (ppb). The reported PCE concentrations for these samples exceed the 2L groundwater quality standard of 0.7 µg/L. We note that these concentrations are consistent with those reported in a prior study, *Groundwater Assessment Addendum Report,* by MACTEC in June 2008. Furthermore, according to the IHSB Vapor Intrusion Screening Table, the PCE concentrations do not exceed the Preliminary Acceptable Groundwater Concentration for PCE of 49 µg/L. As such, vapor intrusion from these impacts does not represent a concern. There were no other VOCs or PAHs detected in these groundwater samples. No target analytes were detected in TMW-A. A copy of the laboratory analytical report is included in **Appendix D**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The GPR survey did not identify any USTs (orphan) on the subject property.

This assessment disclosed the low level soil impacts from diesel range organics in subsurface soils in the former UST tankhold areas (2). As these impacts are presumed to be associated with the historic petroleum release from the former USTs (removed in 1993) for which the NCDENR granted regulatory closure in 2009, these findings do not appear to be significant such that further action would be warranted.

This assessment disclosed the presence of PCE in five of the six groundwater samples at concentrations that exceed the respective NC 2L groundwater quality standard. Based on the direction of groundwater flow, the occurrence of PCE in onsite groundwater indicates an offsite source or sources for this compound. As the PCE concentrations in groundwater do not exceed the IHSB's Screening Concentration, vapor intrusion does not appear to represent a concern for human health and environment.

The oil-water separator system appears to be intact and ready for operation. Approximately 550 gallons of oily and water remain onsite in the oil-water separator and sumps. This material should be properly profiled and transported to an approved facility for disposal. Likewise, the 5-gallon container of an unidentified substance should be transported offsite to an approved facility.

TABLE 1
Summary of Laboratory Analytical Results - Soil
1020 North Front Street
Wilmington, North Carolina
EI Project No.: ENMO130125.00

Sample Identification				SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Sample Depth - Feet				14-16	6'-8'	6'-8'	12'-14'	12'-14'	14'-16'	10'-12'	10'-12'
Sample Date				6/26/2013							
Field Screening Results-PID (ppm)				0.1	0.5	0.1	0.2	0.2	0	0	0
Total Petroleum Hydrocarbons	**NC DWM Action Limit (mg/kg)**			**LABORATORY RESULTS (mg/kg)**							
GROs TPH/8015-5035A,5030B	10			ND	ND	ND	ND	ND	ND	ND	ND
DROs TPH/8015-3546	10			ND	ND	ND	34.3	**42.4**	22.1	ND	ND
Laboratory Analysis	**Cleanup Standards (MSCC)**			**LABORATORY ANALYTICAL RESULTS (mg/kg)**							
Volatile Organic Compounds EPA Method 8260	**Residential MSCCs (mg/kg)**	**Industrial/Commercial MSCCs (mg/kg)**	**Soil-to-GW MSCCs (mg/kg)**								
Acetone	14000	360000	24.0	NA	NA	NA	NA	NA	0.136	0.137	0.138
All remaining analytes	N/A	N/A	N/A	NA	NA	NA	NA	NA	ND	ND	ND
Semivolatile Organic Compounds	**NC DWM Maximum Soil Contaminant Concentrations (MSCCs)**			**LABORATORY ANALYTICAL RESULTS (mg/kg)**							
Semi-VOCs PAHs EPA Method 8270	**Residential MSCC (mg/kg)**	**Industrial/Commercial MSCC (mg/kg)**	**Soil to Groundwater MSCC (mg/kg)**								
All Target Analytes	N/A	N/A	N/A	NA	NA	NA	NA	NA	ND	ND	ND

ND = not detected (above detection limits for the method), mg/kg (milligrams per kilogram) = parts per million (ppm)
NA = not analyzed
N/A = not applicable
MSCC = Maximum Soil Contaminant Concentration Standards, GRO, DRO DWM Action Limit 10 mg/kg (from a UST) , 40 mg/kg (from non-UST)

TABLE 2
Summary of Laboratory Analytical Results - Groundwater
1020 North Front Street
Wilmington, North Carolina
EI Project No. ENMO130125.00

Sample Identification			TMW-A	MW-1	MW-2	TMW-B	TMW-C	TMW-D
Sample Date			6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013
Volatile Organic Compounds EPA Method 8260	**15A NCAC 2L .0202 Groundwater Standard (ug/L)**	**NC - Gross Contamination Levels (GCLs)**	**LABORATORY RESULTS (ug/L)**					
Benzene	1	5000	ND	ND	ND	ND	ND	ND
Toluene	600	260000	ND	ND	ND	ND	ND	ND
Ethylbenzene	600	84500	ND	ND	ND	ND	ND	ND
Total Xylenes (o,m,p)	500	85500	ND	ND	ND	ND	ND	ND
MTBE	20	20000	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.6	NS	ND	ND	ND	ND	ND	ND
Chloroform	70	70000	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.4	400	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	0.7	700	ND	**1.60**	**2.20**	**1.60**	**3.40**	**5.90**
Trichloroethylene	3	3000	ND	ND	ND	ND	ND	ND
Naphthalene	6	6000	ND	ND	ND	ND	ND	ND
Total VOCs	N/A	N/A	ND	ND	ND	ND	ND	ND
All Remaining VOCs	N/A	N/A	ND	ND	ND	ND	ND	ND
Poly-Aromatic Hydrocarbons EPA Method 8270	**15A NCAC 2L .0202 Groundwater Standard (ug/L)**	**NC - Gross Contamination Levels (GCLs)**	**LABORATORY RESULTS (ug/L)**					
All Analytes	N/A	N/A	ND	ND	ND	ND	ND	ND

N/A = Not Applicable ND = Non Detect NS = No Standard NA = Not Analyzed
ug/L= micrograms per liter, parts per billion (ppb)
Bold Font denotes concentration exceeding NC 2L

FIGURES

FIGURE NUMBER:	1
QUAD:	1999, Wilmington, NC
PROJECT NUMBER:	ENMO130125.00
ORIGINAL SCALE:	As shown

SITE LOCATION MAP

1020 North Front Office
1020 North Front Street
Wilmington, North Carolina

EI

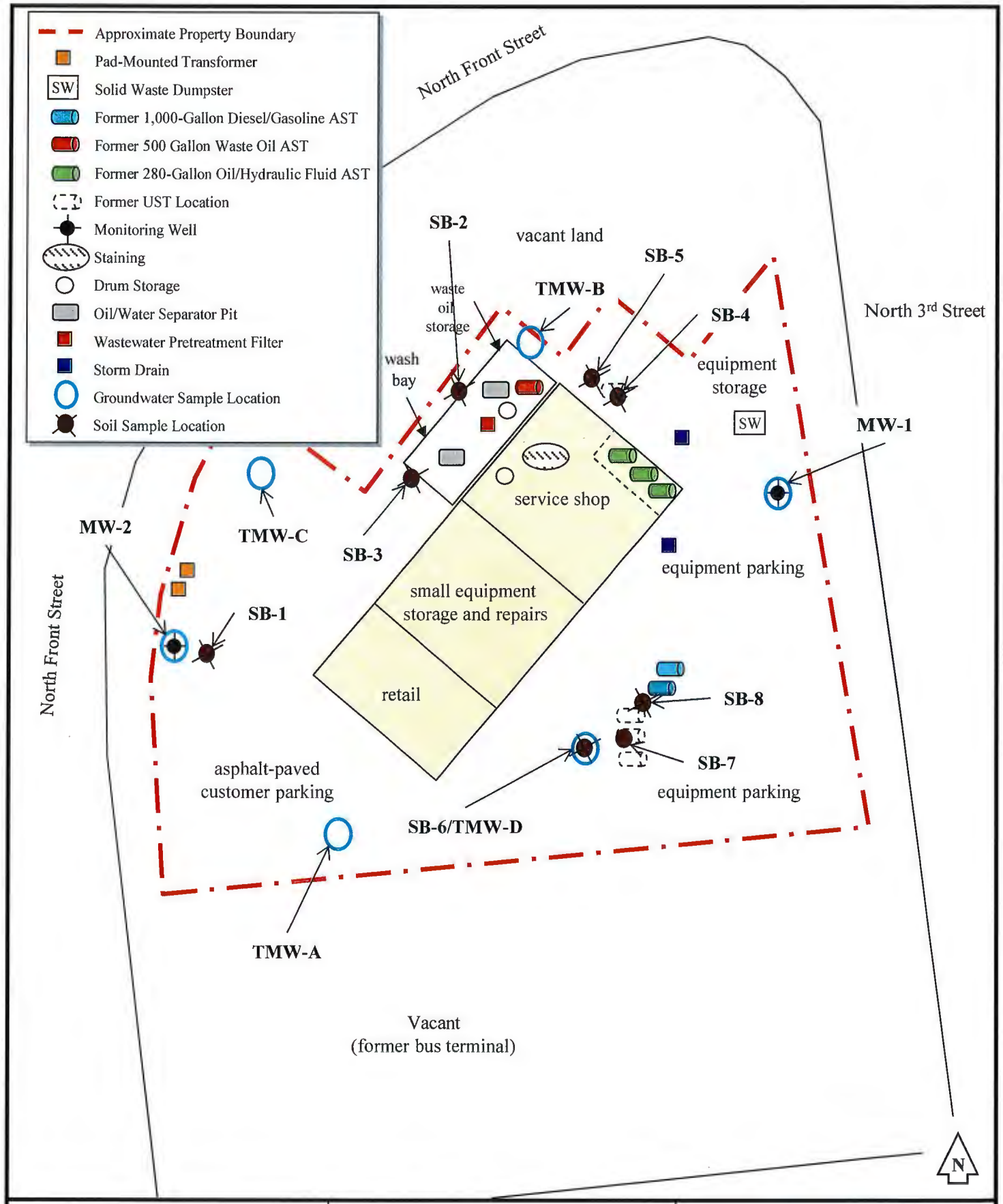

FIGURE NUMBER:	2	**SITE MAP W/ SOIL BORING LOCATIONS** 1020 North Front Office 1020 North Front Street Wilmington, North Carolina
DRAWN BY:	dma	
PROJECT NUMBER:	ENMO130125.00	
SCALE:	Not to scale	

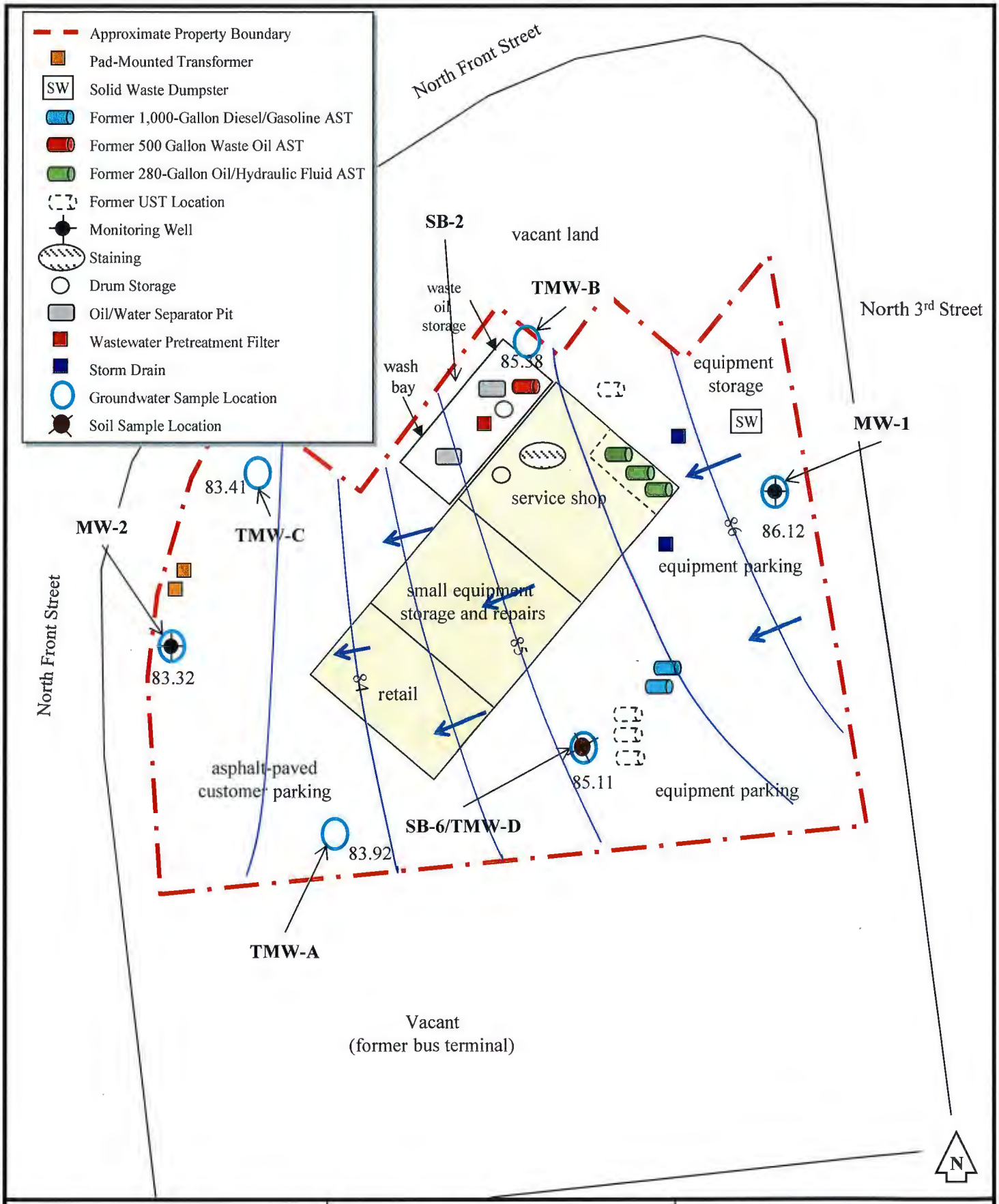

FIGURE NUMBER:	3	GROUNDWATER ELEVATION MAP
DRAWN BY:	dma/drl	1020 North Front Office 1020 North Front Street Wilmington, North Carolina
PROJECT NUMBER:	ENMO130125.00	
SCALE:	Not to scale	

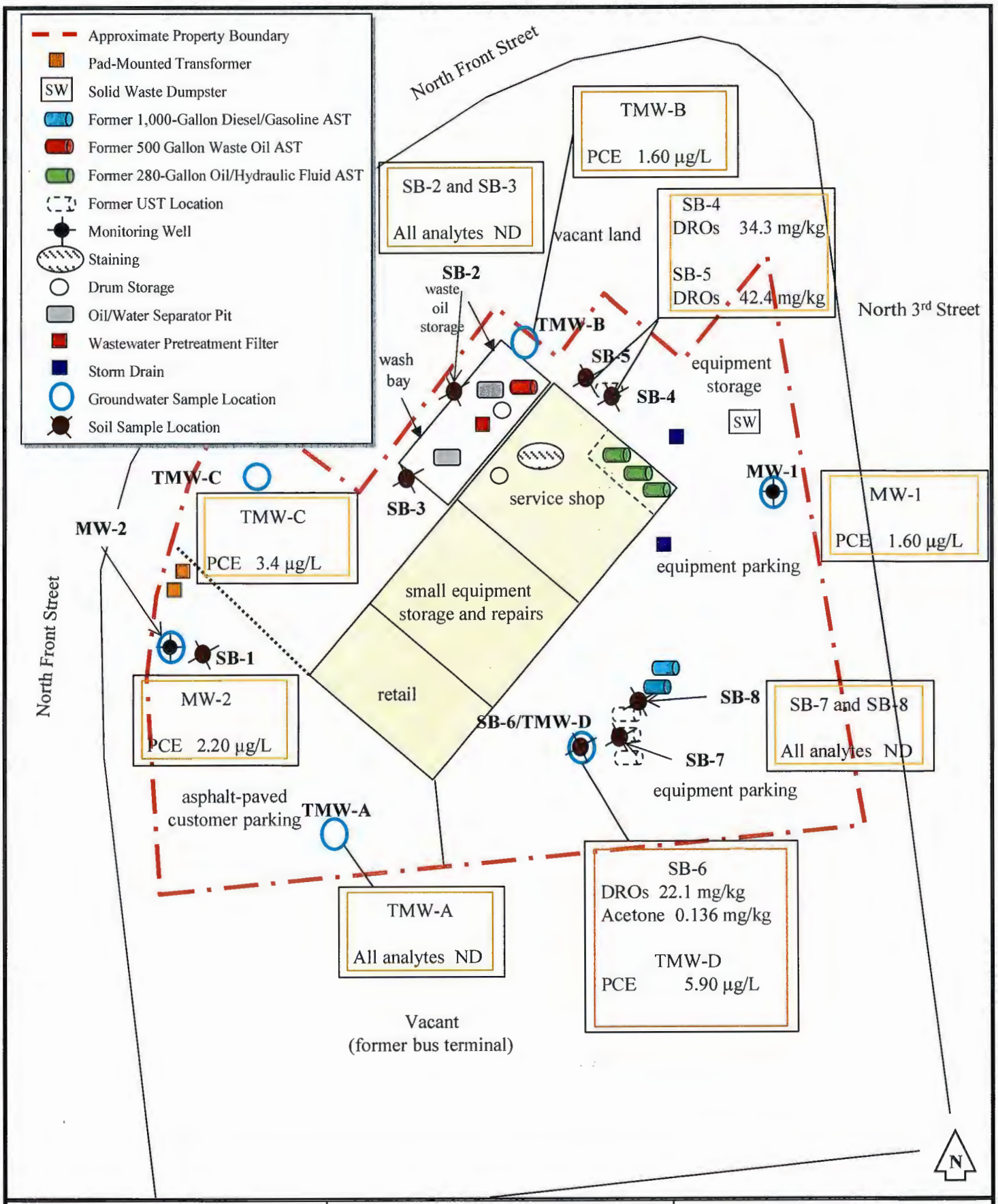

FIGURE NUMBER:	3	**ANALYTICAL RESULTS MAP SOIL AND GROUNDWATER**
DRAWN BY:	dma	
PROJECT NUMBER:	ENMO130125.00	1020 North Front Street Wilmington, North Carolina
SCALE:	Not to scale	

APPENDIX A

GPR SURVEY REPORT

GPRS GROUND PENETRATING RADAR SYSTEMS, INC.

SOUTHEAST REGION

"THE NEW WAY TO X-RAY"

June 24, 2013

The EI Group, Inc.
Attn: *Darren Lockhart*
2101 Gateway Centre Blvd. Ste. 200
Morrisville, NC 27560
Phone: 919.459.5278
Mobile: 919.621.3556
Email: dlockhart@ei1.com

Re: GPR Report of Investigation and Survey of Underground Storage Tanks – 1020 North Front Street Wilmington, North Carolina.

Date of Inspection: Friday, 6/21/2013 2:00pm.

Mr. Lockhart,

I appreciate the opportunity to work with you and The EI Group on this project. All things considered I am pleased with the results of our survey from Friday, 6/21/2013.

Ground penetrating radar was used to inspect and locate potential underground storage tanks at the location listed above. The area surveyed for the underground storage tank was less than 1 acre in size. The entire lot was scanned for UST's. It was understood that there was a possibility of underground storage tanks on site. GPR was the requested method to locate any tanks on site. The purpose of this survey was to, simply, to determine the presence of an underground storage tank.

On the following pages you will find information regarding the equipment we used, the survey process executed on site, and information on the results of the survey. Additionally, you will find photos and data screen shots of the areas surveyed for reference.

Equipment:

We used a GSSI (Geophysical Survey Systems, Inc.) Ground Penetrating Radar Unit with one specific antenna. The GPR head unit is classified as a SIR-3000. The antenna used on this project was a 400MHz antenna which is capable of reaching depths between 8'-10'. This specific antenna was created and calibrated specifically for locating underground utilities, UST's, and other underground anomalies. This equipment represents the latest technology available from GSSI. We have found the typical accuracy when surveying with the 400MHz antenna to be +/- 3" to the center of the object being located. When determining the depth of an object GPR generally has a 10% margin of error. Please keep in mind that these statistics are based on ideal concrete conditions and may not necessarily reflect the findings from your project.

Nate Stair
Ground Penetrating Radar Systems
(919)671-9476
Nate.stair@gp-radar.com

Finally, we also use an electro-magnetic tone locating devise manufactured by Radio Detection. The specific model that we use on projects is an RD-7000. This device detects live power and RF signals underground, allowing us to locate electrical or telephone lines even if they are below the minimum size requirements to be detected by GPR. It also allows us to detect utilities via induction or conduction with an exposed or known surface of the utility.

Survey Process/Results:

We arrived on site Friday afternoon and we began to investigate the site. Darren Lockhart provided site maps and it was clear where the GPR survey was needed to be conducted. We covered all the areas requested in the scope stated above in a grid pattern (North-South and East-West). Scans were placed roughly on 3' centers in highly suspicious areas near the front and rear of the building. We used 6' centers throughout the rest of the property. This allows us the maximum amount of coverage while still being time sensitive.

It is our estimate that we were able to penetrate to a depth of 7' on this project. We did not see any evidence of underground storage tanks (UST's) being on site. UST's have a significant reaction and are generally easy to detect with GPR. As stated above, there was some signal disturbance at 7' but I am confident that the data collected will yield acceptable results. You will find data screen shots on the following pages.

The area surveyed did not reveal any anomalies that were questionable. The soil seemed to be relatively clean and undisturbed. I did find a vent pipe on the Northern most corner of the building but did not map out away from the building. It should be noted that a former employee stopped by and told me that there were only above ground tanks and that the vent pipe was for equipment used inside the shop. I did not find any product lines or notice any empty tanks pits where a UST could have been removed. Again, we do not feel like any UST's existed on site.

Conclusion:

The results above are based on the field findings from the relatively simple survey conducted. Again, restating the findings it was determined that they are ***NO Underground Storage Tanks*** on this site.

On the following pages I have included screen shots of our data for your records. I have also included pictures of the areas detailed and discussed above showing the areas surveyed for the UST's and utilities. If you have any questions regarding this inspection please do not hesitate to contact me. Thanks again for the opportunity and let us know if we can assist you in the future.

Kind Regards,

Nate Stair
Ground Penetrating Radar Systems, Inc.
Mobile - (919)671-9476
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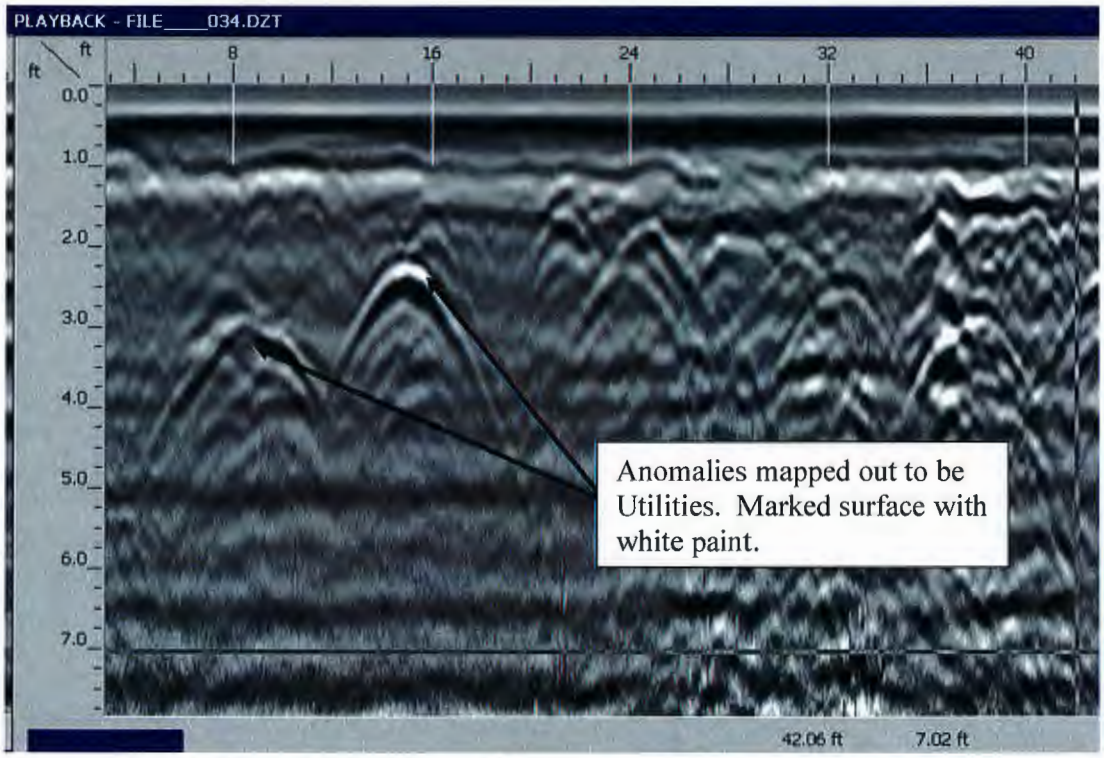
www.gp-radar.com

GPR Survey Area -



"Screen Shot" of data collected by the SIR3000 using a 400MHz antenna. Data shows a shallow gas line and a storm drain found on the Front St. side of the building.

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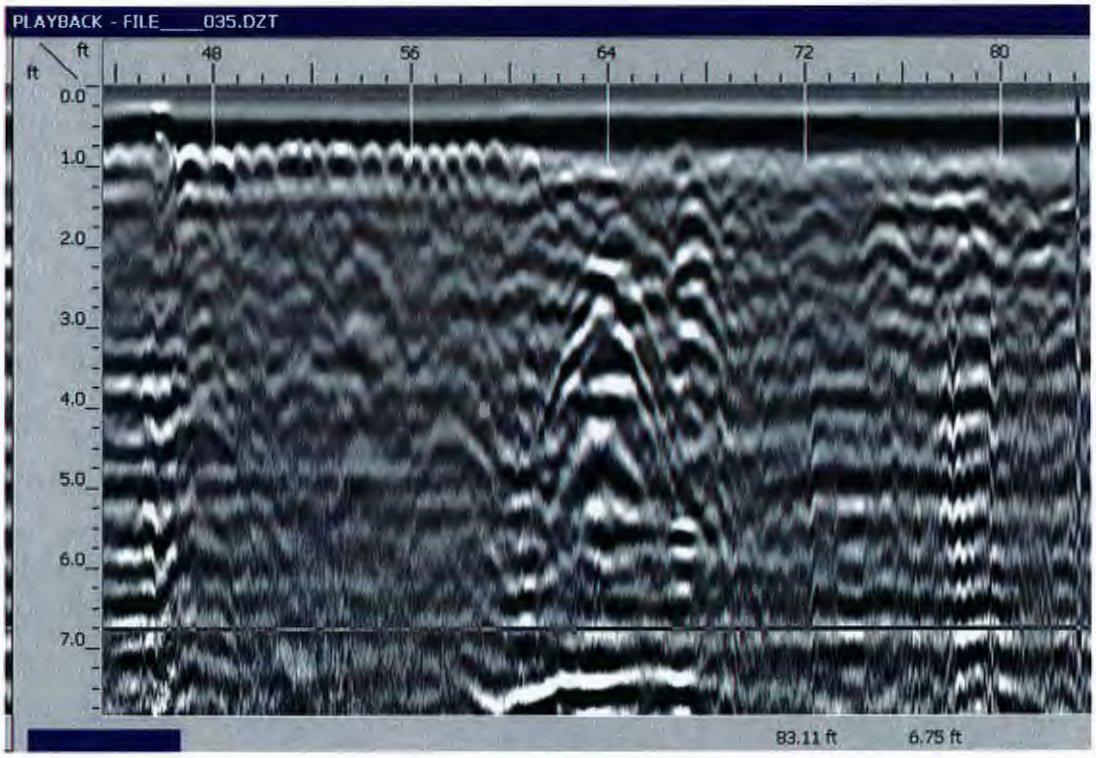

Data shows a utility near the concrete under the pavilion on the Front St. side of the building.

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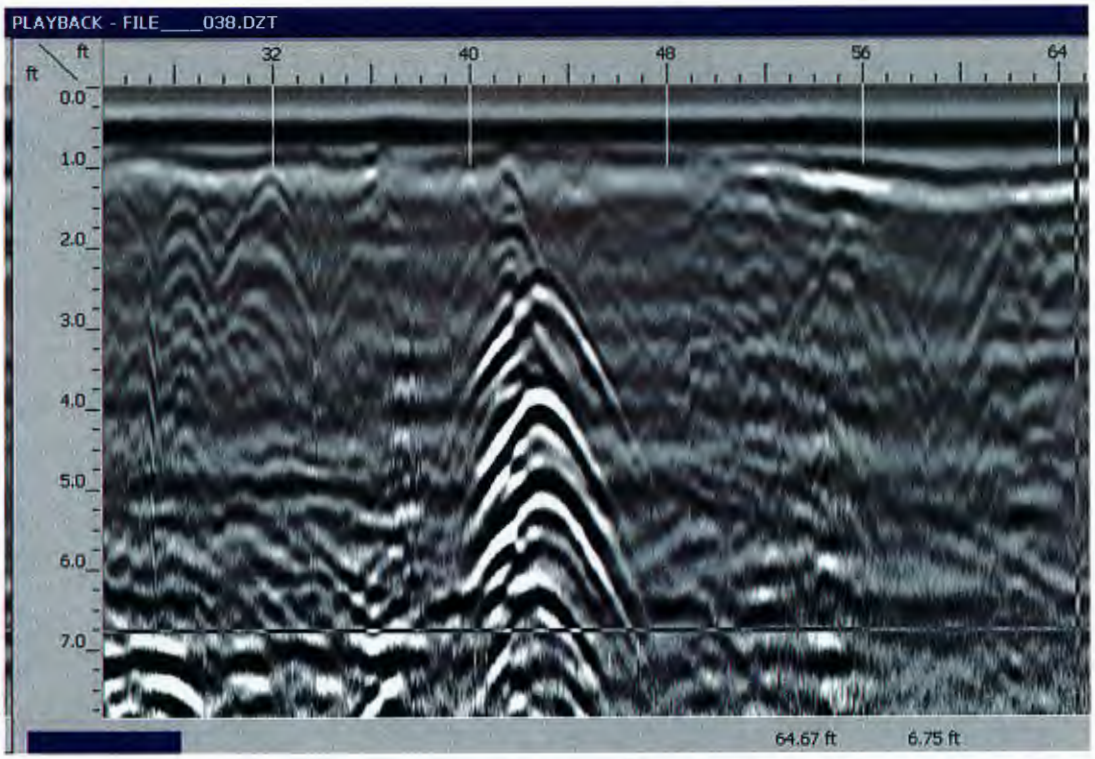
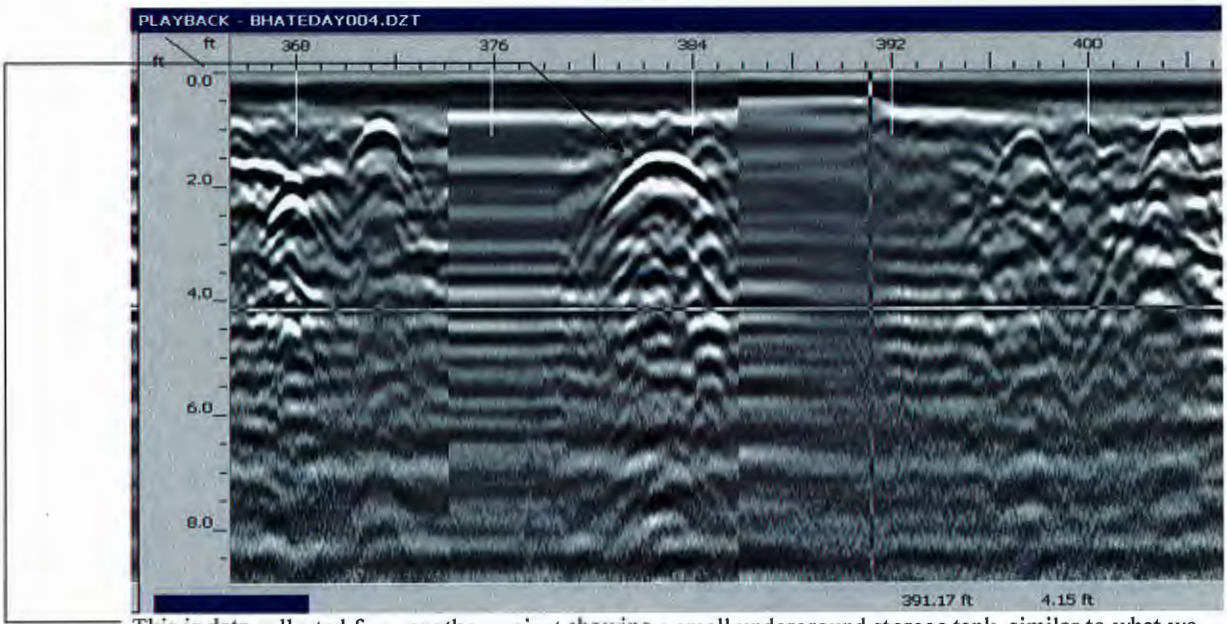


Sample data taken from the office side of the building. The anomaly in the center of the data is the storm drain marked out in white on the surface.



This is data collected from another project showing a small underground storage tank, similar to what we might have expected to find at this site. Compare this screen shot and anomaly to the screen shots above.

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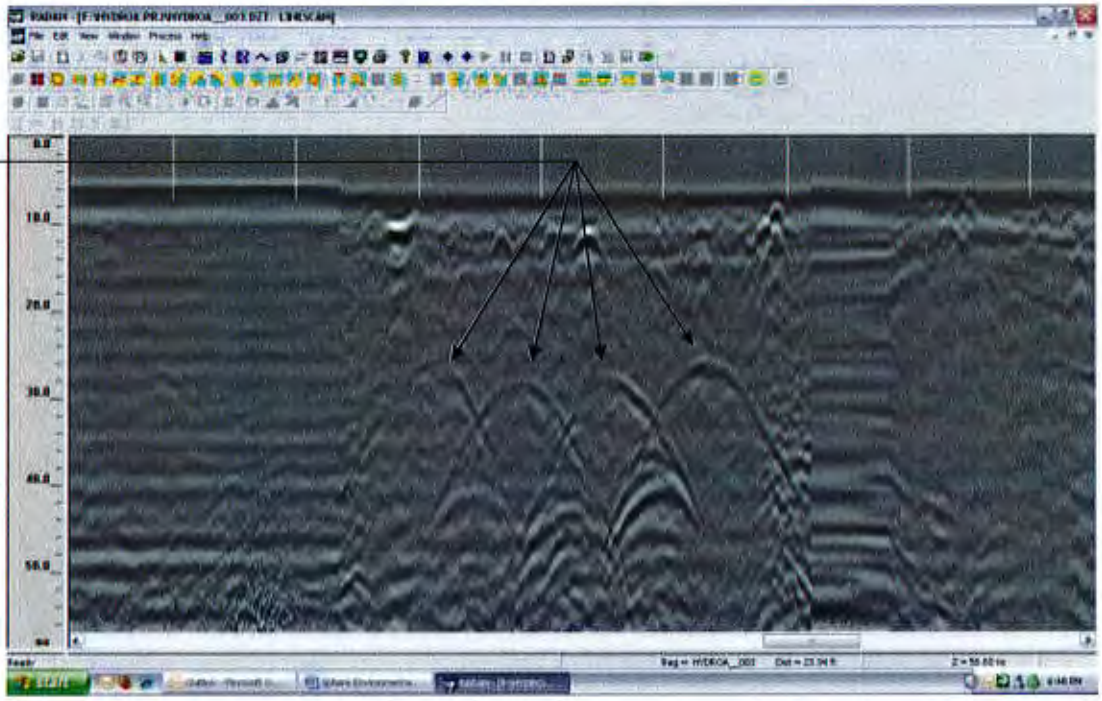
Other UST Examples:



Data showing 4 UST's.

Site Photos

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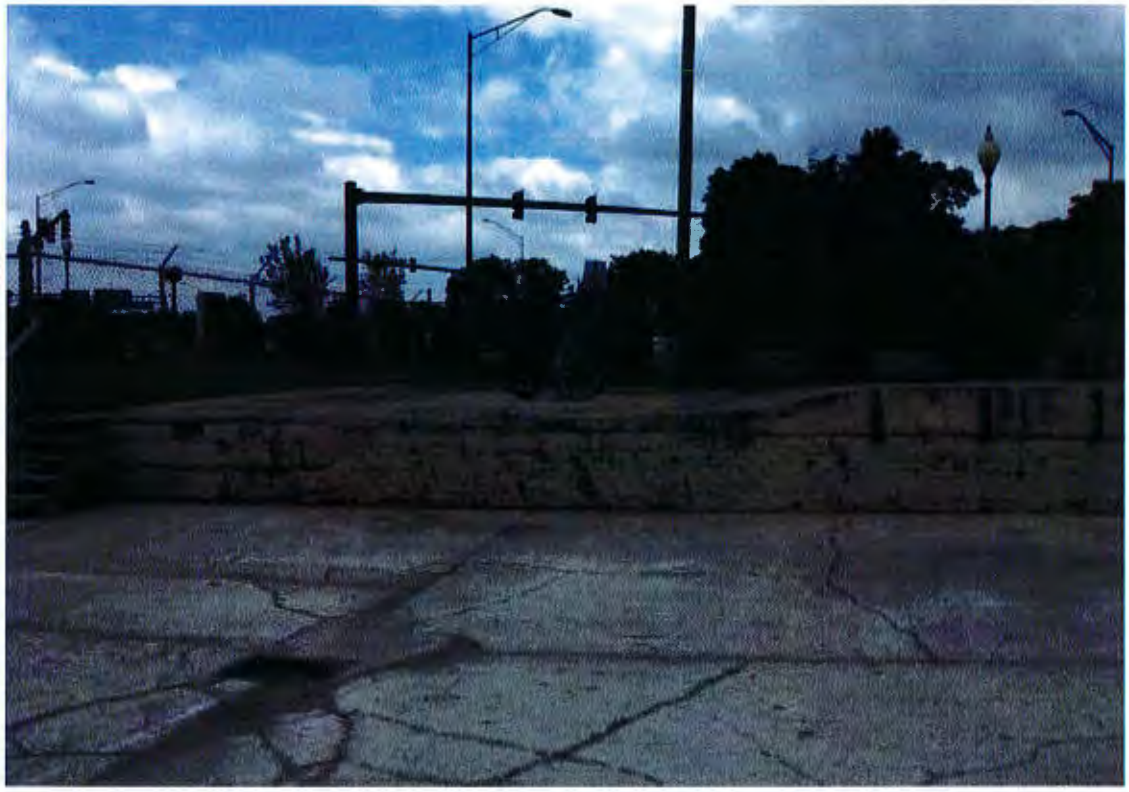

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APPENDIX B

SITE PHOTOS

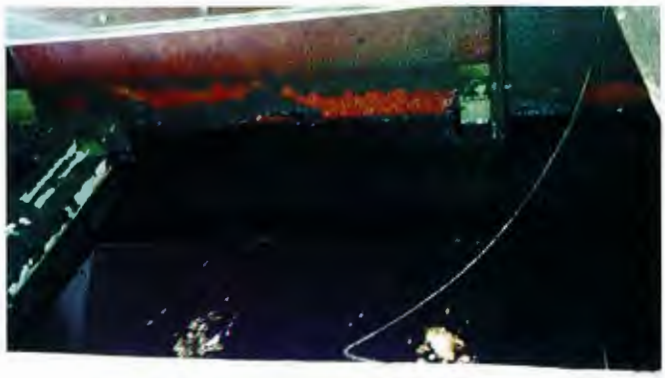
View of warehouse space

View of storage room

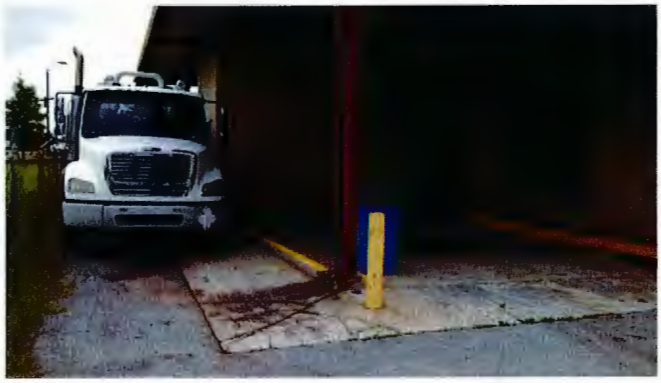
Open storage area

View of warehouse space

View of HVAC system

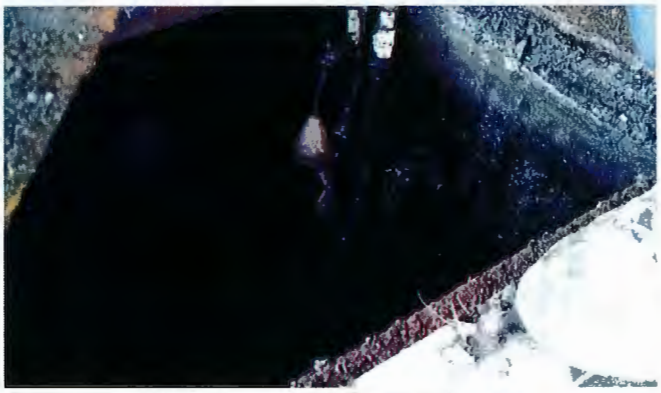


View inside of oil-water separator baffle area



View of wash bay area and sump

View of wastewater removal from sump



View of sump with floats and pump

View of oil-separator

APENDIX C

SOIL BORING LOGS

ENVIRONMENTAL INVESTIGATIONS, INC.

2101 Gateway Centre Blvd.
Suite 200
Morrisville, North Carolina
919-657-7500

SOIL BORING LOG

Boring No. **SB-1**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 16.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey silty SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown/orange, medium to fine.	0.10
								-
4.00	1.22							0.00
				100% (4'-8')				-
								0.00
								-
8.00	2.44							0.00
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
								0.00
								-
12.00	3.66							0.00
				100% (12'-16')		SP	SAND - silty, light brown/black, medium to fine. Water @ 15'.	-
14.00	-	1132	SB-1					0.00
								-
16.00	4.88							0.00
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

ENVIRONMENTAL INVESTIGATIONS, INC.

2101 Gateway Centre Blvd.
Suite 200
Morrisville, North Carolina
919-657-7500

SOIL BORING LOG

Boring No. **TMW-A**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 19.0'
Boring Diameter: 3.0"
Weather Conditions: 87°, partly sunny, windy
Boring Location: see map
Surface Elevation: -

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey silty SAND, medium to fine.	-
				100% (0'-4')				-
4.00	1.22							-
						SP	SAND - silty, brown/orange, medium to fine.	-
				100% (4'-8')				-
8.00	2.44							-
								-
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
12.00	3.66							-
								-
				100% (12'-16')				-
16.00	4.88					SP	SAND - silty, light brown/black, medium to fine. Measured depth to water @ 13.83'.	-
				100% (16'-20')				-
20.00	6.10							-
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-2**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 8.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black silty SAND, medium to fine.	-
				100% (0'-4')				0.50
								-
4.00	1.22							0.00
				100% (4'-8')		SP	SAND - silty, brown, medium to fine.	-
								0.10
								-
8.00	2.44	1234	SB-2					0.10
				100% (8'-12')				
12.00	3.66							
				100% (12'-16')				
16.00	4.88							
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-3**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 8.0'
Boring Diameter: 3.0"
Weather Conditions: 87°, partly sunny, windy
Boring Location: see map
Surface Elevation: -

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black silty SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown, medium to fine.	0.10
4.00	1.22							- 0.10
				100% (4'-8')				- 0.10
8.00	2.44	1247	SB-3					- 0.10
				100% (8'-12')				
12.00	3.66							
				100% (12'-16')				
16.00	4.88							
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. TMW-A
Date Drilled: 06/26/13

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 16.0'
Boring Diameter: 3.0"
Weather Conditions: 87°, partly sunny, windy
Boring Location: see map
Surface Elevation: -

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey silty SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown/orange, medium to fine.	-
4.00	1.22							-
								-
				100% (4'-8')				-
								-
8.00	2.44							-
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
								-
12.00	3.66					SP	SAND - silty, light brown/black, medium to fine. Measured depth to water @ 11.14'.	-
				100% (12'-16')				-
								-
16.00	4.88							-
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **TMW-A**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 20.0'
Boring Diameter: 3.0"
Weather Conditions: 87°, partly sunny, windy
Boring Location: see map
Surface Elevation: -

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey silty SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown/orange, medium to fine.	-
4.00	1.22							-
				100% (4'-8')				-
8.00	2.44							-
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
12.00	3.66					SP	SAND - silty, light brown/black, medium to fine. Measured depth to water @ 16.37'.	-
				100% (12'-16')				-
16.00	4.88							-
				100% (16'-20')				-
20.00	6.10							-
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-4**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 16.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown/orange, medium to fine.	0.10
								-
4.00	1.22							0.00
				100% (4'-8')				-
								0.20
								-
8.00	2.44							0.00
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
								0.10
						SP	SAND - silty, light brown/black, medium to fine. Water @ 15'.	-
12.00	3.66	1437	SB-4					0.00
				100% (12'-16')				-
								0.20
								-
16.00	4.88							0.10
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. SB-5
Date Drilled: 06/26/13

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 16.0'
Boring Diameter: 3.0"
Weather Conditions: 87°, partly sunny, windy
Boring Location: see map
Surface Elevation: -

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey SAND, medium to fine.	-
				100% (0'-4')		SP	SAND - silty, brown/orange, medium to fine.	0.00
								-
4.00	1.22							0.10
				100% (4'-8')				-
								0.10
								-
8.00	2.44							0.00
				100% (8'-12')		SP	SAND - silty, light brown, medium to fine.	-
								0.20
						SP	SAND - silty, light brown/black, medium to fine. Water @ 15'.	-
12.00	3.66	1500	SB-5					0.10
				100% (12'-16')				-
								0.20
								-
16.00	4.88							0.10
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-6**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 16.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey SAND, medium to fine.	-
				100% (0'-4')		SM	SAND - silty, brown/orange, medium to fine.	0.00
								-
4.00	1.22							0.00
				100% (4'-8')				-
								0.00
								-
8.00	2.44							0.00
				100% (8'-12')		SM	SAND - silty, light brown, medium to fine.	-
								0.00
						SM	SAND - silty, light brown/black, medium to fine. Measured depth to water @ 14.10'.	-
12.00	3.66							0.00
				100% (12'-16')				-
14.00	-	1600	SB-6					0.00
								-
16.00	4.88							0.00
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-7**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 12.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey SAND, medium to fine.	-
				100% (0'-4')				0.00
4.00	1.22							- 0.00
				100% (4'-8')		SM	SAND - silty, brown/orange, medium to fine.	- 0.00
8.00	2.44							- 0.00
				100% (8'-12')		SM	SAND - silty, light brown, medium to fine.	- 0.00
12.00	3.66	1640	SB-7			SM	SAND - silty, light brown/black, medium to fine.	- 0.00
				100% (12'-16')				
16.00	4.88							
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

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SOIL BORING LOG

Boring No. **SB-8**
Date Drilled: **06/26/13**

Client:	Wells Fargo	Logged By:	DMA
Project Name:	1020 North Front Street	Drilling Company:	Troxler Geologic Services, Inc.
Project/Site Location:	1020 North Front Street, Wilmington, NC 28401	Drill Device:	Geoprobe 6620D
Project Number:	ENMO130125.00	Drill Method:	Direct Push Technology

Total Boring Depth: 12.0' Weather Conditions: 87°, partly sunny, windy Surface Elevation: -
Boring Diameter: 3.0" Boring Location: see map

Depth (Feet)	Depth (meters)	Time	Sample Analyzed	Recovery	Well Log (Type II)	Soil Profile	Lithological Description	Sample FID (ppm)
							asphalt; black/grey SAND, medium to fine.	-
				100% (0'-4')				0.00
								-
4.00	1.22							0.00
				100% (4'-8')		SM	SAND - silty, brown/orange, medium to fine.	-
								0.00
								-
8.00	2.44							0.00
				100% (8'-12')		SM	SAND - silty, light brown, medium to fine.	-
								0.00
						SM	SAND - silty, light brown/black, medium to fine.	-
12.00	3.66	1700	SB-8					0.00
				100% (12'-16')				
16.00	4.88							
				100% (16'-20')				
20.00	6.10							
				100% (20'-24')				
24.00	7.32							
				100% (24'-28')				
28.00	9.76							
				100% (28'-32')				
32.00	10.98							
				100% (32'-36')				
36.00	12.20							
				100% (36'-40')				
40.00	13.42							

APPENDIX D

LABORATORY ANALYTICAL REPORT

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

July 08, 2013

Mr. Darren Lockhart
The EI Group, Inc.
2101 Gateway Centre Blvd,
Suite 200
Morrisville, NC 27560

RE: Project: 1020 N Front Office
Pace Project No.: 92163163

Dear Mr. Lockhart:
Enclosed are the analytical results for sample(s) received by the laboratory on June 27, 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,

Erin L. Waters

Erin Waters

erin.waters@pacelabs.com
Project Manager

Enclosures

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(704)875-9092

CERTIFICATIONS

Project: 1020 N Front Office
Pace Project No.: 92163163

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

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SAMPLE ANALYTE COUNT

Project: 1020 N Front Office
Pace Project No.: 92163163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92163163001	**SB-1**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163002	**SB-2**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163003	**SB-3**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163004	**SB-4**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163005	**SB-5**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163006	**SB-6**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163007	**SB-7**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163008	**SB-8**	EPA 8015 Modified	EJK	2	PASI-C
		EPA 8015 Modified	GAW	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92163163009	**TMW-A**	EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	CAH	64	PASI-C
92163163010	**MW-2**	EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	CAH	64	PASI-C
92163163011	**MW-1**	EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	CAH	64	PASI-C
92163163012	**TMW-B**	EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	CAH	64	PASI-C
92163163013	**TMW-C**	EPA 8260	CAH	64	PASI-C
92163163014	**TMW-D**	EPA 8270 by SIM	RES	21	PASI-C
		EPA 8260	CAH	64	PASI-C

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 1020 N Front Office
Pace Project No.: 92163163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92163163015	**Trip Blank**	EPA 8260	CAH	64	PASI-C

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-1 **Lab ID: 92163163001** Collected: 06/26/13 11:32 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	ND	mg/kg	5.4	1	06/27/13 17:55	07/03/13 04:34	68334-30-5	
Surrogates								
n-Pentacosane (S)	84	%	41-119	1	06/27/13 17:55	07/03/13 04:34	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.3	1	06/28/13 10:58	06/28/13 09:55	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-167	1	06/28/13 10:58	06/28/13 09:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.3**	%	0.10	1		06/28/13 13:49		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-2 **Lab ID: 92163163002** Collected: 06/26/13 12:31 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	ND	mg/kg	5.3	1	06/27/13 17:55	07/03/13 04:57	68334-30-5	
Surrogates								
n-Pentacosane (S)	89	%	41-119	1	06/27/13 17:55	07/03/13 04:57	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.9	1	06/28/13 10:58	06/28/13 10:18	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-167	1	06/28/13 10:58	06/28/13 10:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.8**	%	0.10	1		06/28/13 13:54		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-3 **Lab ID: 92163163003** Collected: 06/26/13 12:47 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	ND	mg/kg	5.2	1	06/27/13 17:55	07/03/13 05:21	68334-30-5	
Surrogates								
n-Pentacosane (S)	57	%	41-119	1	06/27/13 17:55	07/03/13 05:21	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.9	1	06/28/13 10:58	06/28/13 10:40	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-167	1	06/28/13 10:58	06/28/13 10:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.6**	%	0.10	1		06/28/13 13:55		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-4 **Lab ID: 92163163004** Collected: 06/26/13 14:37 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	**34.3**	mg/kg	5.2	1	06/27/13 17:55	07/03/13 05:21	68334-30-5	
Surrogates								
n-Pentacosane (S)	84	%	41-119	1	06/27/13 17:55	07/03/13 05:21	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.6	1	06/28/13 10:58	06/28/13 11:03	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-167	1	06/28/13 10:58	06/28/13 11:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.1**	%	0.10	1		06/28/13 13:56		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-5 **Lab ID: 92163163005** Collected: 06/26/13 15:00 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	**42.4**	mg/kg	5.2	1	06/27/13 17:55	07/03/13 05:44	68334-30-5	
Surrogates								
n-Pentacosane (S)	86	%	41-119	1	06/27/13 17:55	07/03/13 05:44	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	6.0	1	06/28/13 10:58	06/28/13 11:26	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	86	%	70-167	1	06/28/13 10:58	06/28/13 11:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.6**	%	0.10	1		06/28/13 13:56		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-6 **Lab ID: 92163163006** Collected: 06/26/13 16:00 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	**22.1**	mg/kg	5.8	1	06/27/13 17:55	07/03/13 05:44	68334-30-5	
Surrogates								
n-Pentacosane (S)	83	%	41-119	1	06/27/13 17:55	07/03/13 05:44	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND	mg/kg	5.9	1	06/28/13 10:58	06/28/13 11:49	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	83	%	70-167	1	06/28/13 10:58	06/28/13 11:49	460-00-4	
8270 MSSV MW PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	83-32-9	
Acenaphthylene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	208-96-8	
Anthracene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	207-08-9	
Chrysene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	53-70-3	
Fluoranthene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	206-44-0	
Fluorene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	193-39-5	
1-Methylnaphthalene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	90-12-0	
2-Methylnaphthalene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	91-57-6	
Naphthalene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	91-20-3	
Phenanthrene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	85-01-8	
Pyrene	ND	ug/kg	116	10	07/02/13 08:37	07/08/13 10:58	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	0	%	10-128	10	07/02/13 08:37	07/08/13 10:58	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	10-110	10	07/02/13 08:37	07/08/13 10:58	321-60-8	
Terphenyl-d14 (S)	0	%	39-119	10	07/02/13 08:37	07/08/13 10:58	1718-51-0	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**136**	ug/kg	88.2	1		07/01/13 14:30	67-64-1	B9
Benzene	ND	ug/kg	4.4	1		07/01/13 14:30	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		07/01/13 14:30	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		07/01/13 14:30	75-27-4	
Bromoform	ND	ug/kg	4.4	1		07/01/13 14:30	75-25-2	
Bromomethane	ND	ug/kg	8.8	1		07/01/13 14:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	88.2	1		07/01/13 14:30	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.4	1		07/01/13 14:30	56-23-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-6 **Lab ID: 92163163006** Collected: 06/26/13 16:00 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	108-90-7	
Chloroethane	ND	ug/kg	8.8	1		07/01/13 14:30	75-00-3	
Chloroform	ND	ug/kg	4.4	1		07/01/13 14:30	67-66-3	
Chloromethane	ND	ug/kg	8.8	1		07/01/13 14:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		07/01/13 14:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		07/01/13 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		07/01/13 14:30	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		07/01/13 14:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		07/01/13 14:30	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		07/01/13 14:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.8	1		07/01/13 14:30	75-71-8	1g
1,1-Dichloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		07/01/13 14:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		07/01/13 14:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		07/01/13 14:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		07/01/13 14:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		07/01/13 14:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		07/01/13 14:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		07/01/13 14:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		07/01/13 14:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		07/01/13 14:30	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.4	1		07/01/13 14:30	108-20-3	
Ethylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		07/01/13 14:30	87-68-3	
2-Hexanone	ND	ug/kg	44.1	1		07/01/13 14:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		07/01/13 14:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		07/01/13 14:30	99-87-6	
Methylene Chloride	ND	ug/kg	17.6	1		07/01/13 14:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.1	1		07/01/13 14:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		07/01/13 14:30	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		07/01/13 14:30	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	103-65-1	
Styrene	ND	ug/kg	4.4	1		07/01/13 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		07/01/13 14:30	127-18-4	
Toluene	ND	ug/kg	4.4	1		07/01/13 14:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		07/01/13 14:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		07/01/13 14:30	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		07/01/13 14:30	79-01-6	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-6 **Lab ID: 92163163006** Collected: 06/26/13 16:00 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Trichlorofluoromethane	ND	ug/kg	4.4	1		07/01/13 14:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		07/01/13 14:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		07/01/13 14:30	108-67-8	
Vinyl acetate	ND	ug/kg	44.1	1		07/01/13 14:30	108-05-4	
Vinyl chloride	ND	ug/kg	8.8	1		07/01/13 14:30	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		07/01/13 14:30	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		07/01/13 14:30	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1		07/01/13 14:30	95-47-6	
Surrogates								
Dibromofluoromethane (S)	113	%	70-130	1		07/01/13 14:30	1868-53-7	
Toluene-d8 (S)	92	%	70-130	1		07/01/13 14:30	2037-26-5	
4-Bromofluorobenzene (S)	70	%	70-130	1		07/01/13 14:30	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132	1		07/01/13 14:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.8**	%	0.10	1		06/28/13 13:56		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-7 **Lab ID: 92163163007** Collected: 06/26/13 16:40 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	ND	mg/kg	5.1	1	06/27/13 17:55	07/03/13 06:08	68334-30-5	
Surrogates								
n-Pentacosane (S)	76	%	41-119	1	06/27/13 17:55	07/03/13 06:08	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.6	1	06/28/13 10:58	06/28/13 12:12	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	86	%	70-167	1	06/28/13 10:58	06/28/13 12:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.6**	%	0.10	1		06/28/13 13:56		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: SB-8 **Lab ID: 92163163008** Collected: 06/26/13 17:00 Received: 06/27/13 13:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 3546					
Diesel Components	ND	mg/kg	5.3	1	06/27/13 17:55	07/03/13 06:08	68334-30-5	
Surrogates								
n-Pentacosane (S)	93	%	41-119	1	06/27/13 17:55	07/03/13 06:08	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified		Preparation Method: EPA 5035A/5030B					
Gasoline Range Organics	ND	mg/kg	5.8	1	06/28/13 10:58	06/28/13 12:35	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-167	1	06/28/13 10:58	06/28/13 12:35	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.9**	%	0.10	1		06/28/13 13:56		

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-A **Lab ID: 92163163009** Collected: 06/26/13 11:45 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 14:45	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 14:45	208-96-8	
Anthracene	ND	ug/L	0.050	1	06/28/13 09:00	07/01/13 14:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 14:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 14:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	207-08-9	
Chrysene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 14:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 14:45	206-44-0	
Fluorene	ND	ug/L	0.31	1	06/28/13 09:00	07/01/13 14:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 14:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 14:45	91-57-6	
Naphthalene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 14:45	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 14:45	85-01-8	
Pyrene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 14:45	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	76	%	30-150	1	06/28/13 09:00	07/01/13 14:45	4165-60-0	
2-Fluorobiphenyl (S)	87	%	30-150	1	06/28/13 09:00	07/01/13 14:45	321-60-8	
Terphenyl-d14 (S)	95	%	30-150	1	06/28/13 09:00	07/01/13 14:45	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/02/13 22:14	67-64-1	
Benzene	ND	ug/L	1.0	1		07/02/13 22:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/02/13 22:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/02/13 22:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/02/13 22:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/02/13 22:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/02/13 22:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/02/13 22:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/02/13 22:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/02/13 22:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/02/13 22:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/02/13 22:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 22:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 22:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/02/13 22:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/02/13 22:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/02/13 22:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/02/13 22:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/02/13 22:14	75-71-8	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-A **Lab ID: 92163163009** Collected: 06/26/13 11:45 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		07/02/13 22:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/02/13 22:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/02/13 22:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 22:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 22:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 22:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/02/13 22:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 22:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/02/13 22:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 22:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 22:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/02/13 22:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/02/13 22:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/02/13 22:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/02/13 22:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/02/13 22:14	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/02/13 22:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/02/13 22:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/02/13 22:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/02/13 22:14	91-20-3	
Styrene	ND	ug/L	1.0	1		07/02/13 22:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 22:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/02/13 22:14	127-18-4	
Toluene	ND	ug/L	1.0	1		07/02/13 22:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 22:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/02/13 22:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/02/13 22:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/02/13 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/02/13 22:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/02/13 22:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/02/13 22:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/02/13 22:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/02/13 22:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/02/13 22:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/02/13 22:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		07/02/13 22:14	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		07/02/13 22:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		07/02/13 22:14	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		07/02/13 22:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: MW-2 **Lab ID: 92163163010** Collected: 06/26/13 12:10 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:05	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:05	208-96-8	
Anthracene	ND	ug/L	0.050	1	06/28/13 09:00	07/01/13 15:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:05	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	207-08-9	
Chrysene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:05	206-44-0	
Fluorene	ND	ug/L	0.31	1	06/28/13 09:00	07/01/13 15:05	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:05	91-57-6	
Naphthalene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:05	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:05	85-01-8	
Pyrene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:05	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	70	%	30-150	1	06/28/13 09:00	07/01/13 15:05	4165-60-0	
2-Fluorobiphenyl (S)	83	%	30-150	1	06/28/13 09:00	07/01/13 15:05	321-60-8	
Terphenyl-d14 (S)	107	%	30-150	1	06/28/13 09:00	07/01/13 15:05	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/02/13 23:53	67-64-1	
Benzene	ND	ug/L	1.0	1		07/02/13 23:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/02/13 23:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/02/13 23:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/02/13 23:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/02/13 23:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/02/13 23:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/02/13 23:53	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/02/13 23:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/02/13 23:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/02/13 23:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/02/13 23:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 23:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 23:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/02/13 23:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/02/13 23:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/02/13 23:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/02/13 23:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/02/13 23:53	75-71-8	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: MW-2 **Lab ID: 92163163010** Collected: 06/26/13 12:10 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		07/02/13 23:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/02/13 23:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/02/13 23:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 23:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 23:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 23:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/02/13 23:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 23:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/02/13 23:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 23:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 23:53	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/02/13 23:53	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/02/13 23:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/02/13 23:53	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/02/13 23:53	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/02/13 23:53	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/02/13 23:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/02/13 23:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/02/13 23:53	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/02/13 23:53	91-20-3	
Styrene	ND	ug/L	1.0	1		07/02/13 23:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 23:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 23:53	79-34-5	
Tetrachloroethene	**2.2**	ug/L	1.0	1		07/02/13 23:53	127-18-4	
Toluene	ND	ug/L	1.0	1		07/02/13 23:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 23:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/02/13 23:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/02/13 23:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/02/13 23:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/02/13 23:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/02/13 23:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/02/13 23:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/02/13 23:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/02/13 23:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/02/13 23:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/02/13 23:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		07/02/13 23:53	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	1		07/02/13 23:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		07/02/13 23:53	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		07/02/13 23:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: MW-1 **Lab ID: 92163163011** Collected: 06/26/13 13:30 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:25	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:25	208-96-8	
Anthracene	ND	ug/L	0.050	1	06/28/13 09:00	07/01/13 15:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	207-08-9	
Chrysene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:25	206-44-0	
Fluorene	ND	ug/L	0.31	1	06/28/13 09:00	07/01/13 15:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:25	91-57-6	
Naphthalene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:25	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:25	85-01-8	
Pyrene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:25	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	76	%	30-150	1	06/28/13 09:00	07/01/13 15:25	4165-60-0	
2-Fluorobiphenyl (S)	87	%	30-150	1	06/28/13 09:00	07/01/13 15:25	321-60-8	
Terphenyl-d14 (S)	106	%	30-150	1	06/28/13 09:00	07/01/13 15:25	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/03/13 00:10	67-64-1	
Benzene	ND	ug/L	1.0	1		07/03/13 00:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/03/13 00:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/03/13 00:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/03/13 00:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/03/13 00:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/03/13 00:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/03/13 00:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/03/13 00:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/03/13 00:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/03/13 00:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/03/13 00:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/03/13 00:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/03/13 00:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/03/13 00:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/03/13 00:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/03/13 00:10	75-71-8	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: MW-1 **Lab ID: 92163163011** Collected: 06/26/13 13:30 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/03/13 00:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/03/13 00:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/03/13 00:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/03/13 00:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/03/13 00:10	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/03/13 00:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/03/13 00:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/03/13 00:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/03/13 00:10	91-20-3	
Styrene	ND	ug/L	1.0	1		07/03/13 00:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:10	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	1		07/03/13 00:10	127-18-4	
Toluene	ND	ug/L	1.0	1		07/03/13 00:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/03/13 00:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/03/13 00:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/03/13 00:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/03/13 00:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/03/13 00:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/03/13 00:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/03/13 00:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/03/13 00:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		07/03/13 00:10	460-00-4	
Dibromofluoromethane (S)	97	%	70-130	1		07/03/13 00:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		07/03/13 00:10	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/03/13 00:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-B **Lab ID: 92163163012** Collected: 06/26/13 13:50 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:46	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:46	208-96-8	
Anthracene	ND	ug/L	0.050	1	06/28/13 09:00	07/01/13 15:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:46	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	207-08-9	
Chrysene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 15:46	206-44-0	
Fluorene	ND	ug/L	0.31	1	06/28/13 09:00	07/01/13 15:46	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 15:46	91-57-6	
Naphthalene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 15:46	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 15:46	85-01-8	
Pyrene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 15:46	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	67	%	30-150	1	06/28/13 09:00	07/01/13 15:46	4165-60-0	
2-Fluorobiphenyl (S)	73	%	30-150	1	06/28/13 09:00	07/01/13 15:46	321-60-8	
Terphenyl-d14 (S)	77	%	30-150	1	06/28/13 09:00	07/01/13 15:46	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/03/13 00:26	67-64-1	
Benzene	ND	ug/L	1.0	1		07/03/13 00:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/03/13 00:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/03/13 00:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/03/13 00:26	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/03/13 00:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/03/13 00:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/03/13 00:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/03/13 00:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/03/13 00:26	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/03/13 00:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/03/13 00:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/03/13 00:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/03/13 00:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/03/13 00:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/03/13 00:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/03/13 00:26	75-71-8	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-B **Lab ID: 92163163012** Collected: 06/26/13 13:50 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/03/13 00:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/03/13 00:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/03/13 00:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/03/13 00:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/03/13 00:26	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/03/13 00:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/03/13 00:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/03/13 00:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/03/13 00:26	91-20-3	
Styrene	ND	ug/L	1.0	1		07/03/13 00:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:26	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	1		07/03/13 00:26	127-18-4	
Toluene	ND	ug/L	1.0	1		07/03/13 00:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/03/13 00:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/03/13 00:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/03/13 00:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/03/13 00:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/03/13 00:26	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/03/13 00:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/03/13 00:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/03/13 00:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	1		07/03/13 00:26	460-00-4	
Dibromofluoromethane (S)	97	%	70-130	1		07/03/13 00:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		07/03/13 00:26	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/03/13 00:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-C **Lab ID: 92163163013** Collected: 06/26/13 14:15 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/03/13 00:43	67-64-1	
Benzene	ND	ug/L	1.0	1		07/03/13 00:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/03/13 00:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/03/13 00:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/03/13 00:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/03/13 00:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/03/13 00:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/03/13 00:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/03/13 00:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/03/13 00:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/03/13 00:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/03/13 00:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 00:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/03/13 00:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/03/13 00:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/03/13 00:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/03/13 00:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/03/13 00:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/03/13 00:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 00:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 00:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 00:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/03/13 00:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/03/13 00:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/03/13 00:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/03/13 00:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/03/13 00:43	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/03/13 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/03/13 00:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/03/13 00:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/03/13 00:43	91-20-3	
Styrene	ND	ug/L	1.0	1		07/03/13 00:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 00:43	79-34-5	
Tetrachloroethene	**3.4**	ug/L	1.0	1		07/03/13 00:43	127-18-4	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-C **Lab ID: 92163163013** Collected: 06/26/13 14:15 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		07/03/13 00:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 00:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/03/13 00:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/03/13 00:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/03/13 00:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/03/13 00:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/03/13 00:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/03/13 00:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/03/13 00:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/03/13 00:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/03/13 00:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		07/03/13 00:43	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		07/03/13 00:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		07/03/13 00:43	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		07/03/13 00:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-D **Lab ID: 92163163014** Collected: 06/26/13 16:25 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 16:06	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 16:06	208-96-8	
Anthracene	ND	ug/L	0.050	1	06/28/13 09:00	07/01/13 16:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 16:06	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 16:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	207-08-9	
Chrysene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 16:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	06/28/13 09:00	07/01/13 16:06	206-44-0	
Fluorene	ND	ug/L	0.31	1	06/28/13 09:00	07/01/13 16:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 16:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	06/28/13 09:00	07/01/13 16:06	91-57-6	
Naphthalene	ND	ug/L	1.5	1	06/28/13 09:00	07/01/13 16:06	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	06/28/13 09:00	07/01/13 16:06	85-01-8	
Pyrene	ND	ug/L	0.10	1	06/28/13 09:00	07/01/13 16:06	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	69	%	30-150	1	06/28/13 09:00	07/01/13 16:06	4165-60-0	
2-Fluorobiphenyl (S)	77	%	30-150	1	06/28/13 09:00	07/01/13 16:06	321-60-8	
Terphenyl-d14 (S)	64	%	30-150	1	06/28/13 09:00	07/01/13 16:06	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/03/13 01:00	67-64-1	
Benzene	ND	ug/L	1.0	1		07/03/13 01:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/03/13 01:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/03/13 01:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/03/13 01:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/03/13 01:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/03/13 01:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/03/13 01:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/03/13 01:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/03/13 01:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/03/13 01:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/03/13 01:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 01:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/03/13 01:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/03/13 01:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/03/13 01:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/03/13 01:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/03/13 01:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/03/13 01:00	75-71-8	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: TMW-D **Lab ID: 92163163014** Collected: 06/26/13 16:25 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		07/03/13 01:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/03/13 01:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/03/13 01:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 01:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/03/13 01:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 01:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/03/13 01:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/03/13 01:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/03/13 01:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 01:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/03/13 01:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/03/13 01:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/03/13 01:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/03/13 01:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/03/13 01:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/03/13 01:00	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/03/13 01:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/03/13 01:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/03/13 01:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/03/13 01:00	91-20-3	
Styrene	ND	ug/L	1.0	1		07/03/13 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/03/13 01:00	79-34-5	
Tetrachloroethene	**5.9**	ug/L	1.0	1		07/03/13 01:00	127-18-4	
Toluene	ND	ug/L	1.0	1		07/03/13 01:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/03/13 01:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/03/13 01:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/03/13 01:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/03/13 01:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/03/13 01:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/03/13 01:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/03/13 01:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/03/13 01:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/03/13 01:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/03/13 01:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/03/13 01:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	1		07/03/13 01:00	460-00-4	
Dibromofluoromethane (S)	98	%	70-130	1		07/03/13 01:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		07/03/13 01:00	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		07/03/13 01:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: Trip Blank **Lab ID: 92163163015** Collected: 06/26/13 00:00 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		07/02/13 21:41	67-64-1	
Benzene	ND	ug/L	1.0	1		07/02/13 21:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/02/13 21:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/02/13 21:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/02/13 21:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/02/13 21:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/02/13 21:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/02/13 21:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/02/13 21:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/02/13 21:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		07/02/13 21:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/02/13 21:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 21:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/02/13 21:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/02/13 21:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/02/13 21:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/02/13 21:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/02/13 21:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/02/13 21:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/02/13 21:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/02/13 21:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/02/13 21:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 21:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/02/13 21:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 21:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/02/13 21:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/02/13 21:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/02/13 21:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 21:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/02/13 21:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/02/13 21:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/02/13 21:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/02/13 21:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/02/13 21:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/02/13 21:41	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		07/02/13 21:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/02/13 21:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/02/13 21:41	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/02/13 21:41	91-20-3	
Styrene	ND	ug/L	1.0	1		07/02/13 21:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 21:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/02/13 21:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/02/13 21:41	127-18-4	

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ANALYTICAL RESULTS

Project: 1020 N Front Office
Pace Project No.: 92163163

Sample: Trip Blank **Lab ID: 92163163015** Collected: 06/26/13 00:00 Received: 06/27/13 13:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		07/02/13 21:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/02/13 21:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/02/13 21:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/02/13 21:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/02/13 21:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/02/13 21:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/02/13 21:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/02/13 21:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/02/13 21:41	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		07/02/13 21:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/02/13 21:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/02/13 21:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	1		07/02/13 21:41	460-00-4	
Dibromofluoromethane (S)	99	%	70-130	1		07/02/13 21:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		07/02/13 21:41	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/02/13 21:41	2037-26-5	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: GCV/7035 — Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B — Analysis Description: Gasoline Range Organics
Associated Lab Samples: 92163163001, 92163163002, 92163163003, 92163163004, 92163163005, 92163163006, 92163163007, 92163163008

METHOD BLANK: 1001411 — Matrix: Solid
Associated Lab Samples: 92163163001, 92163163002, 92163163003, 92163163004, 92163163005, 92163163006, 92163163007, 92163163008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	6.0	06/28/13 09:32	
4-Bromofluorobenzene (S)	%	89	70-167	06/28/13 09:32	

LABORATORY CONTROL SAMPLE: 1001412

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	49.9	52.3	105	70-165	
4-Bromofluorobenzene (S)	%			88	70-167	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1001603 — 1001604

Parameter	Units	92163179002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	mg/kg	ND	74	74	86.3	86.3	114	114	47-187	0	
4-Bromofluorobenzene (S)	%						85	85	70-167		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: MSV/23515
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92163163009, 92163163015

METHOD BLANK: 1003523
Matrix: Water
Associated Lab Samples: 92163163009, 92163163015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,1-Dichloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,1-Dichloroethene	ug/L	ND	1.0	07/02/13 18:38	
1,1-Dichloropropene	ug/L	ND	1.0	07/02/13 18:38	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/02/13 18:38	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	07/02/13 18:38	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/02/13 18:38	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
1,2-Dichloroethane	ug/L	ND	1.0	07/02/13 18:38	
1,2-Dichloropropane	ug/L	ND	1.0	07/02/13 18:38	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
1,3-Dichloropropane	ug/L	ND	1.0	07/02/13 18:38	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
2,2-Dichloropropane	ug/L	ND	1.0	07/02/13 18:38	
2-Butanone (MEK)	ug/L	ND	5.0	07/02/13 18:38	
2-Chlorotoluene	ug/L	ND	1.0	07/02/13 18:38	
2-Hexanone	ug/L	ND	5.0	07/02/13 18:38	
4-Chlorotoluene	ug/L	ND	1.0	07/02/13 18:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/02/13 18:38	
Acetone	ug/L	ND	25.0	07/02/13 18:38	
Benzene	ug/L	ND	1.0	07/02/13 18:38	
Bromobenzene	ug/L	ND	1.0	07/02/13 18:38	
Bromochloromethane	ug/L	ND	1.0	07/02/13 18:38	
Bromodichloromethane	ug/L	ND	1.0	07/02/13 18:38	
Bromoform	ug/L	ND	1.0	07/02/13 18:38	
Bromomethane	ug/L	ND	2.0	07/02/13 18:38	
Carbon tetrachloride	ug/L	ND	1.0	07/02/13 18:38	
Chlorobenzene	ug/L	ND	1.0	07/02/13 18:38	
Chloroethane	ug/L	ND	1.0	07/02/13 18:38	
Chloroform	ug/L	ND	1.0	07/02/13 18:38	
Chloromethane	ug/L	ND	1.0	07/02/13 18:38	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/02/13 18:38	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/02/13 18:38	
Dibromochloromethane	ug/L	ND	1.0	07/02/13 18:38	
Dibromomethane	ug/L	ND	1.0	07/02/13 18:38	
Dichlorodifluoromethane	ug/L	ND	1.0	07/02/13 18:38	
Diisopropyl ether	ug/L	ND	1.0	07/02/13 18:38	
Ethylbenzene	ug/L	ND	1.0	07/02/13 18:38	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

METHOD BLANK: 1003523 Matrix: Water

Associated Lab Samples: 92163163009, 92163163015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/02/13 18:38	
m&p-Xylene	ug/L	ND	2.0	07/02/13 18:38	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/02/13 18:38	
Methylene Chloride	ug/L	ND	2.0	07/02/13 18:38	
Naphthalene	ug/L	ND	1.0	07/02/13 18:38	
o-Xylene	ug/L	ND	1.0	07/02/13 18:38	
p-Isopropyltoluene	ug/L	ND	1.0	07/02/13 18:38	
Styrene	ug/L	ND	1.0	07/02/13 18:38	
Tetrachloroethene	ug/L	ND	1.0	07/02/13 18:38	
Toluene	ug/L	ND	1.0	07/02/13 18:38	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/02/13 18:38	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/02/13 18:38	
Trichloroethene	ug/L	ND	1.0	07/02/13 18:38	
Trichlorofluoromethane	ug/L	ND	1.0	07/02/13 18:38	
Vinyl acetate	ug/L	ND	2.0	07/02/13 18:38	
Vinyl chloride	ug/L	ND	1.0	07/02/13 18:38	
Xylene (Total)	ug/L	ND	2.0	07/02/13 18:38	
1,2-Dichloroethane-d4 (S)	%	101	70-130	07/02/13 18:38	
4-Bromofluorobenzene (S)	%	94	70-130	07/02/13 18:38	
Dibromofluoromethane (S)	%	98	70-130	07/02/13 18:38	
Toluene-d8 (S)	%	99	70-130	07/02/13 18:38	

LABORATORY CONTROL SAMPLE: 1003524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	41.1	82	70-130	
1,1,1-Trichloroethane	ug/L	50	39.9	80	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.2	86	70-130	
1,1,2-Trichloroethane	ug/L	50	44.6	89	70-130	
1,1-Dichloroethane	ug/L	50	41.3	83	70-130	
1,1-Dichloroethene	ug/L	50	38.2	76	70-132	
1,1-Dichloropropene	ug/L	50	46.5	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	44.7	89	70-135	
1,2,3-Trichloropropane	ug/L	50	46.7	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.1	90	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	43.0	86	70-130	
1,2-Dichlorobenzene	ug/L	50	45.0	90	70-130	
1,2-Dichloroethane	ug/L	50	39.4	79	70-130	
1,2-Dichloropropane	ug/L	50	45.1	90	70-130	
1,3-Dichlorobenzene	ug/L	50	43.4	87	70-130	
1,3-Dichloropropane	ug/L	50	47.2	94	70-130	
1,4-Dichlorobenzene	ug/L	50	44.0	88	70-130	
2,2-Dichloropropane	ug/L	50	34.4	69	58-145	
2-Butanone (MEK)	ug/L	100	90.5	90	70-145	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1003524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorotoluene	ug/L	50	44.2	88	70-130	
2-Hexanone	ug/L	100	93.6	94	70-144	
4-Chlorotoluene	ug/L	50	42.9	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	89.9	90	70-140	
Acetone	ug/L	100	84.6	85	50-175	
Benzene	ug/L	50	40.1	80	70-130	
Bromobenzene	ug/L	50	42.3	85	70-130	
Bromochloromethane	ug/L	50	44.3	89	70-130	
Bromodichloromethane	ug/L	50	39.8	80	70-130	
Bromoform	ug/L	50	39.3	79	70-130	
Bromomethane	ug/L	50	33.8	68	54-130	
Carbon tetrachloride	ug/L	50	37.5	75	70-132	
Chlorobenzene	ug/L	50	44.0	88	70-130	
Chloroethane	ug/L	50	34.0	68	64-134	
Chloroform	ug/L	50	41.8	84	70-130	
Chloromethane	ug/L	50	34.7	69	64-130	
cis-1,2-Dichloroethene	ug/L	50	39.9	80	70-131	
cis-1,3-Dichloropropene	ug/L	50	41.4	83	70-130	
Dibromochloromethane	ug/L	50	41.6	83	70-130	
Dibromomethane	ug/L	50	43.6	87	70-131	
Dichlorodifluoromethane	ug/L	50	27.9	56	56-130	F3
Diisopropyl ether	ug/L	50	43.0	86	70-130	
Ethylbenzene	ug/L	50	43.3	87	70-130	
Hexachloro-1,3-butadiene	ug/L	50	41.5	83	70-130	
m&p-Xylene	ug/L	100	87.9	88	70-130	
Methyl-tert-butyl ether	ug/L	50	42.4	85	70-130	
Methylene Chloride	ug/L	50	42.8	86	63-130	
Naphthalene	ug/L	50	44.4	89	70-138	
o-Xylene	ug/L	50	43.0	86	70-130	
p-Isopropyltoluene	ug/L	50	44.5	89	70-130	
Styrene	ug/L	50	41.9	84	70-130	
Tetrachloroethene	ug/L	50	40.0	80	70-130	
Toluene	ug/L	50	41.2	82	70-130	
trans-1,2-Dichloroethene	ug/L	50	37.6	75	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.6	85	70-132	
Trichloroethene	ug/L	50	38.0	76	70-130	
Trichlorofluoromethane	ug/L	50	37.1	74	62-133	
Vinyl acetate	ug/L	100	11.3	11	66-157	F3,L0
Vinyl chloride	ug/L	50	35.0	70	69-130	
Xylene (Total)	ug/L	150	131	87	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1003525 1003526

Parameter	Units	92163163009 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	36.7	28.7	73	57	70-166	25	M0
Benzene	ug/L	ND	50	50	39.4	30.4	79	61	70-148	26	M0
Chlorobenzene	ug/L	ND	50	50	38.1	30.2	76	60	70-146	23	M0
Toluene	ug/L	ND	50	50	38.2	29.7	76	59	70-155	25	M0
Trichloroethene	ug/L	ND	50	50	38.2	29.7	76	59	69-151	25	M0
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						92	92	70-130		
Dibromofluoromethane (S)	%						94	94	70-130		
Toluene-d8 (S)	%						101	100	70-130		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: MSV/23516 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92163163010, 92163163011, 92163163012, 92163163013, 92163163014

METHOD BLANK: 1003543 Matrix: Water
Associated Lab Samples: 92163163010, 92163163011, 92163163012, 92163163013, 92163163014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,1-Dichloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,1-Dichloroethene	ug/L	ND	1.0	07/02/13 18:55	
1,1-Dichloropropene	ug/L	ND	1.0	07/02/13 18:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/02/13 18:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	07/02/13 18:55	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/02/13 18:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
1,2-Dichloroethane	ug/L	ND	1.0	07/02/13 18:55	
1,2-Dichloropropane	ug/L	ND	1.0	07/02/13 18:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
1,3-Dichloropropane	ug/L	ND	1.0	07/02/13 18:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
2,2-Dichloropropane	ug/L	ND	1.0	07/02/13 18:55	
2-Butanone (MEK)	ug/L	ND	5.0	07/02/13 18:55	
2-Chlorotoluene	ug/L	ND	1.0	07/02/13 18:55	
2-Hexanone	ug/L	ND	5.0	07/02/13 18:55	
4-Chlorotoluene	ug/L	ND	1.0	07/02/13 18:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/02/13 18:55	
Acetone	ug/L	ND	25.0	07/02/13 18:55	
Benzene	ug/L	ND	1.0	07/02/13 18:55	
Bromobenzene	ug/L	ND	1.0	07/02/13 18:55	
Bromochloromethane	ug/L	ND	1.0	07/02/13 18:55	
Bromodichloromethane	ug/L	ND	1.0	07/02/13 18:55	
Bromoform	ug/L	ND	1.0	07/02/13 18:55	
Bromomethane	ug/L	ND	2.0	07/02/13 18:55	
Carbon tetrachloride	ug/L	ND	1.0	07/02/13 18:55	
Chlorobenzene	ug/L	ND	1.0	07/02/13 18:55	
Chloroethane	ug/L	ND	1.0	07/02/13 18:55	
Chloroform	ug/L	ND	1.0	07/02/13 18:55	
Chloromethane	ug/L	ND	1.0	07/02/13 18:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/02/13 18:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/02/13 18:55	
Dibromochloromethane	ug/L	ND	1.0	07/02/13 18:55	
Dibromomethane	ug/L	ND	1.0	07/02/13 18:55	
Dichlorodifluoromethane	ug/L	ND	1.0	07/02/13 18:55	
Diisopropyl ether	ug/L	ND	1.0	07/02/13 18:55	
Ethylbenzene	ug/L	ND	1.0	07/02/13 18:55	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

METHOD BLANK: 1003543 Matrix: Water

Associated Lab Samples: 92163163010, 92163163011, 92163163012, 92163163013, 92163163014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/02/13 18:55	
m&p-Xylene	ug/L	ND	2.0	07/02/13 18:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/02/13 18:55	
Methylene Chloride	ug/L	ND	2.0	07/02/13 18:55	
Naphthalene	ug/L	ND	1.0	07/02/13 18:55	
o-Xylene	ug/L	ND	1.0	07/02/13 18:55	
p-Isopropyltoluene	ug/L	ND	1.0	07/02/13 18:55	
Styrene	ug/L	ND	1.0	07/02/13 18:55	
Tetrachloroethene	ug/L	ND	1.0	07/02/13 18:55	
Toluene	ug/L	ND	1.0	07/02/13 18:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/02/13 18:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/02/13 18:55	
Trichloroethene	ug/L	ND	1.0	07/02/13 18:55	
Trichlorofluoromethane	ug/L	ND	1.0	07/02/13 18:55	
Vinyl acetate	ug/L	ND	2.0	07/02/13 18:55	
Vinyl chloride	ug/L	ND	1.0	07/02/13 18:55	
Xylene (Total)	ug/L	ND	2.0	07/02/13 18:55	
1,2-Dichloroethane-d4 (S)	%	101	70-130	07/02/13 18:55	
4-Bromofluorobenzene (S)	%	92	70-130	07/02/13 18:55	
Dibromofluoromethane (S)	%	98	70-130	07/02/13 18:55	
Toluene-d8 (S)	%	100	70-130	07/02/13 18:55	

LABORATORY CONTROL SAMPLE: 1003544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	41.3	83	70-130	
1,1,1-Trichloroethane	ug/L	50	40.4	81	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.7	85	70-130	
1,1,2-Trichloroethane	ug/L	50	44.7	89	70-130	
1,1-Dichloroethane	ug/L	50	42.1	84	70-130	
1,1-Dichloroethene	ug/L	50	38.9	78	70-132	
1,1-Dichloropropene	ug/L	50	47.9	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	44.2	88	70-135	
1,2,3-Trichloropropane	ug/L	50	46.3	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.1	90	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	43.2	86	70-130	
1,2-Dichlorobenzene	ug/L	50	45.4	91	70-130	
1,2-Dichloroethane	ug/L	50	39.4	79	70-130	
1,2-Dichloropropane	ug/L	50	45.1	90	70-130	
1,3-Dichlorobenzene	ug/L	50	44.0	88	70-130	
1,3-Dichloropropane	ug/L	50	46.9	94	70-130	
1,4-Dichlorobenzene	ug/L	50	44.6	89	70-130	
2,2-Dichloropropane	ug/L	50	34.7	69	58-145	
2-Butanone (MEK)	ug/L	100	88.6	89	70-145	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1003544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorotoluene	ug/L	50	45.4	91	70-130	
2-Hexanone	ug/L	100	92.1	92	70-144	
4-Chlorotoluene	ug/L	50	43.5	87	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.8	89	70-140	
Acetone	ug/L	100	84.2	84	50-175	
Benzene	ug/L	50	40.8	82	70-130	
Bromobenzene	ug/L	50	42.5	85	70-130	
Bromochloromethane	ug/L	50	45.1	90	70-130	
Bromodichloromethane	ug/L	50	39.7	79	70-130	
Bromoform	ug/L	50	38.7	77	70-130	
Bromomethane	ug/L	50	35.2	70	54-130	
Carbon tetrachloride	ug/L	50	43.2	86	70-132	
Chlorobenzene	ug/L	50	44.2	88	70-130	
Chloroethane	ug/L	50	33.1	66	64-134	
Chloroform	ug/L	50	41.0	82	70-130	
Chloromethane	ug/L	50	34.6	69	64-130	
cis-1,2-Dichloroethene	ug/L	50	40.5	81	70-131	
cis-1,3-Dichloropropene	ug/L	50	42.0	84	70-130	
Dibromochloromethane	ug/L	50	41.7	83	70-130	
Dibromomethane	ug/L	50	43.8	88	70-131	
Dichlorodifluoromethane	ug/L	50	27.4	55	56-130	F3,L0
Diisopropyl ether	ug/L	50	43.4	87	70-130	
Ethylbenzene	ug/L	50	44.0	88	70-130	
Hexachloro-1,3-butadiene	ug/L	50	43.5	87	70-130	
m&p-Xylene	ug/L	100	89.4	89	70-130	
Methyl-tert-butyl ether	ug/L	50	42.3	85	70-130	
Methylene Chloride	ug/L	50	42.8	86	63-130	
Naphthalene	ug/L	50	43.3	87	70-138	
o-Xylene	ug/L	50	43.2	86	70-130	
p-Isopropyltoluene	ug/L	50	45.4	91	70-130	
Styrene	ug/L	50	42.3	85	70-130	
Tetrachloroethene	ug/L	50	41.5	83	70-130	
Toluene	ug/L	50	42.0	84	70-130	
trans-1,2-Dichloroethene	ug/L	50	38.7	77	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.2	86	70-132	
Trichloroethene	ug/L	50	39.0	78	70-130	
Trichlorofluoromethane	ug/L	50	37.2	74	62-133	
Vinyl acetate	ug/L	100	11.3	11	66-157	F3,L0
Vinyl chloride	ug/L	50	35.6	71	69-130	
Xylene (Total)	ug/L	150	133	88	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1003545 1003546

Parameter	Units	92163172003 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	32.1	36.9	64	74	70-166	14	M0
Benzene	ug/L	ND	50	50	34.6	39.9	69	80	70-148	14	M0
Chlorobenzene	ug/L	ND	50	50	33.8	38.9	68	78	70-146	14	M0
Toluene	ug/L	ND	50	50	33.5	38.6	67	77	70-155	14	M0
Trichloroethene	ug/L	ND	50	50	33.7	38.7	67	77	69-151	14	M0
1,2-Dichloroethane-d4 (S)	%						97	96	70-130		
4-Bromofluorobenzene (S)	%						92	92	70-130		
Dibromofluoromethane (S)	%						95	95	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: MSV/23498
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92163163006

METHOD BLANK: 1002774
Matrix: Solid
Associated Lab Samples: 92163163006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,1,1-Trichloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,1,2-Trichloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,1-Dichloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,1-Dichloroethene	ug/kg	ND	4.9	07/01/13 12:37	
1,1-Dichloropropene	ug/kg	ND	4.9	07/01/13 12:37	
1,2,3-Trichlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,2,3-Trichloropropane	ug/kg	ND	4.9	07/01/13 12:37	
1,2,4-Trichlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,2,4-Trimethylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.9	07/01/13 12:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.9	07/01/13 12:37	
1,2-Dichlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,2-Dichloroethane	ug/kg	ND	4.9	07/01/13 12:37	
1,2-Dichloropropane	ug/kg	ND	4.9	07/01/13 12:37	
1,3,5-Trimethylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,3-Dichlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
1,3-Dichloropropane	ug/kg	ND	4.9	07/01/13 12:37	
1,4-Dichlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
2,2-Dichloropropane	ug/kg	ND	4.9	07/01/13 12:37	
2-Butanone (MEK)	ug/kg	ND	97.3	07/01/13 12:37	
2-Chlorotoluene	ug/kg	ND	4.9	07/01/13 12:37	
2-Hexanone	ug/kg	ND	48.6	07/01/13 12:37	
4-Chlorotoluene	ug/kg	ND	4.9	07/01/13 12:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	48.6	07/01/13 12:37	
Acetone	ug/kg	ND	97.3	07/01/13 12:37	
Benzene	ug/kg	ND	4.9	07/01/13 12:37	
Bromobenzene	ug/kg	ND	4.9	07/01/13 12:37	
Bromochloromethane	ug/kg	ND	4.9	07/01/13 12:37	
Bromodichloromethane	ug/kg	ND	4.9	07/01/13 12:37	
Bromoform	ug/kg	ND	4.9	07/01/13 12:37	
Bromomethane	ug/kg	ND	9.7	07/01/13 12:37	
Carbon tetrachloride	ug/kg	ND	4.9	07/01/13 12:37	
Chlorobenzene	ug/kg	ND	4.9	07/01/13 12:37	
Chloroethane	ug/kg	ND	9.7	07/01/13 12:37	
Chloroform	ug/kg	ND	4.9	07/01/13 12:37	
Chloromethane	ug/kg	ND	9.7	07/01/13 12:37	
cis-1,2-Dichloroethene	ug/kg	ND	4.9	07/01/13 12:37	
cis-1,3-Dichloropropene	ug/kg	ND	4.9	07/01/13 12:37	
Dibromochloromethane	ug/kg	ND	4.9	07/01/13 12:37	
Dibromomethane	ug/kg	ND	4.9	07/01/13 12:37	
Dichlorodifluoromethane	ug/kg	ND	9.7	07/01/13 12:37	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

METHOD BLANK: 1002774 Matrix: Solid

Associated Lab Samples: 92163163006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.9	07/01/13 12:37	
Ethylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
Hexachloro-1,3-butadiene	ug/kg	ND	4.9	07/01/13 12:37	
Isopropylbenzene (Cumene)	ug/kg	ND	4.9	07/01/13 12:37	
m&p-Xylene	ug/kg	ND	9.7	07/01/13 12:37	
Methyl-tert-butyl ether	ug/kg	ND	4.9	07/01/13 12:37	
Methylene Chloride	ug/kg	ND	19.5	07/01/13 12:37	
n-Butylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
n-Propylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
Naphthalene	ug/kg	ND	4.9	07/01/13 12:37	
o-Xylene	ug/kg	ND	4.9	07/01/13 12:37	
p-Isopropyltoluene	ug/kg	ND	4.9	07/01/13 12:37	
sec-Butylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
Styrene	ug/kg	ND	4.9	07/01/13 12:37	
tert-Butylbenzene	ug/kg	ND	4.9	07/01/13 12:37	
Tetrachloroethene	ug/kg	ND	4.9	07/01/13 12:37	
Toluene	ug/kg	ND	4.9	07/01/13 12:37	
trans-1,2-Dichloroethene	ug/kg	ND	4.9	07/01/13 12:37	
trans-1,3-Dichloropropene	ug/kg	ND	4.9	07/01/13 12:37	
Trichloroethene	ug/kg	ND	4.9	07/01/13 12:37	
Trichlorofluoromethane	ug/kg	ND	4.9	07/01/13 12:37	
Vinyl acetate	ug/kg	ND	48.6	07/01/13 12:37	
Vinyl chloride	ug/kg	ND	9.7	07/01/13 12:37	
Xylene (Total)	ug/kg	ND	9.7	07/01/13 12:37	
1,2-Dichloroethane-d4 (S)	%	101	70-132	07/01/13 12:37	
4-Bromofluorobenzene (S)	%	91	70-130	07/01/13 12:37	
Dibromofluoromethane (S)	%	96	70-130	07/01/13 12:37	
Toluene-d8 (S)	%	102	70-130	07/01/13 12:37	

LABORATORY CONTROL SAMPLE: 1002775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	52	50.9	98	70-131	
1,1,1-Trichloroethane	ug/kg	52	49.3	95	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	52	50.6	97	70-130	
1,1,2-Trichloroethane	ug/kg	52	50.0	96	70-132	
1,1-Dichloroethane	ug/kg	52	52.0	100	70-143	
1,1-Dichloroethene	ug/kg	52	54.5	105	70-137	
1,1-Dichloropropene	ug/kg	52	56.2	108	70-135	
1,2,3-Trichlorobenzene	ug/kg	52	54.4	105	69-153	
1,2,3-Trichloropropane	ug/kg	52	54.4	105	70-130	
1,2,4-Trichlorobenzene	ug/kg	52	57.6	111	55-171	
1,2,4-Trimethylbenzene	ug/kg	52	55.4	107	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	52	48.5	93	68-141	
1,2-Dibromoethane (EDB)	ug/kg	52	49.8	96	70-130	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1002775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	52	53.1	102	70-140	
1,2-Dichloroethane	ug/kg	52	44.8	86	70-137	
1,2-Dichloropropane	ug/kg	52	52.5	101	70-133	
1,3,5-Trimethylbenzene	ug/kg	52	54.5	105	70-143	
1,3-Dichlorobenzene	ug/kg	52	52.9	102	70-144	
1,3-Dichloropropane	ug/kg	52	53.5	103	70-132	
1,4-Dichlorobenzene	ug/kg	52	53.0	102	70-142	
2,2-Dichloropropane	ug/kg	52	52.9	102	68-152	
2-Butanone (MEK)	ug/kg	104	93.5J	90	70-149	
2-Chlorotoluene	ug/kg	52	55.1	106	70-141	
2-Hexanone	ug/kg	104	96.9	93	70-149	
4-Chlorotoluene	ug/kg	52	53.6	103	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	104	103	99	70-153	
Acetone	ug/kg	104	111	107	70-157	
Benzene	ug/kg	52	47.9	92	70-130	
Bromobenzene	ug/kg	52	50.8	98	70-141	
Bromochloromethane	ug/kg	52	50.8	98	70-149	
Bromodichloromethane	ug/kg	52	48.8	94	70-130	
Bromoform	ug/kg	52	47.6	92	70-131	
Bromomethane	ug/kg	52	60.5	116	64-136	
Carbon tetrachloride	ug/kg	52	51.4	99	70-154	
Chlorobenzene	ug/kg	52	52.2	100	70-135	
Chloroethane	ug/kg	52	57.7	111	68-151	
Chloroform	ug/kg	52	50.8	98	70-130	
Chloromethane	ug/kg	52	46.5	90	70-132	
cis-1,2-Dichloroethene	ug/kg	52	50.4	97	70-140	
cis-1,3-Dichloropropene	ug/kg	52	48.2	93	70-137	
Dibromochloromethane	ug/kg	52	48.2	93	70-130	
Dibromomethane	ug/kg	52	47.2	91	70-136	
Dichlorodifluoromethane	ug/kg	52	38.4	74	36-148	F3
Diisopropyl ether	ug/kg	52	53.1	102	70-139	
Ethylbenzene	ug/kg	52	53.7	103	70-137	
Hexachloro-1,3-butadiene	ug/kg	52	50.3	97	70-145	
Isopropylbenzene (Cumene)	ug/kg	52	55.3	106	70-141	
m&p-Xylene	ug/kg	104	106	102	70-140	
Methyl-tert-butyl ether	ug/kg	52	52.3	101	45-150	
Methylene Chloride	ug/kg	52	47.5	91	70-133	
n-Butylbenzene	ug/kg	52	56.8	109	65-155	
n-Propylbenzene	ug/kg	52	52.2	100	70-148	
Naphthalene	ug/kg	52	52.2	100	70-148	
o-Xylene	ug/kg	52	54.4	105	70-141	
p-Isopropyltoluene	ug/kg	52	58.8	113	70-148	
sec-Butylbenzene	ug/kg	52	54.3	104	70-145	
Styrene	ug/kg	52	49.7	96	70-138	
tert-Butylbenzene	ug/kg	52	52.3	101	70-143	
Tetrachloroethene	ug/kg	52	51.3	99	70-140	
Toluene	ug/kg	52	48.6	94	70-130	
trans-1,2-Dichloroethene	ug/kg	52	52.0	100	70-136	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1002775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	52	50.5	97	70-138	
Trichloroethene	ug/kg	52	47.1	91	70-132	
Trichlorofluoromethane	ug/kg	52	50.0	96	69-134	
Vinyl acetate	ug/kg	104	18.2J	17	24-161	F3,L0
Vinyl chloride	ug/kg	52	51.2	98	55-140	
Xylene (Total)	ug/kg	156	161	103	70-141	
1,2-Dichloroethane-d4 (S)	%			92	70-132	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 1003091

Parameter	Units	92162928004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	49.3	42.3	86	49-180	
Benzene	ug/kg	ND	49.3	46.8	92	50-166	
Chlorobenzene	ug/kg	ND	49.3	42.2	85	43-169	
Toluene	ug/kg	ND	49.3	49.4	93	52-163	
Trichloroethene	ug/kg	ND	49.3	43.7	89	49-167	
1,2-Dichloroethane-d4 (S)	%				87	70-132	
4-Bromofluorobenzene (S)	%				90	70-130	
Dibromofluoromethane (S)	%				91	70-130	
Toluene-d8 (S)	%				96	70-130	

SAMPLE DUPLICATE: 1003071

Parameter	Units	92163105001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<4.7	ND		
1,1,1-Trichloroethane	ug/kg	<4.7	ND		
1,1,2,2-Tetrachloroethane	ug/kg	<4.7	ND		
1,1,2-Trichloroethane	ug/kg	<4.7	ND		
1,1-Dichloroethane	ug/kg	<4.7	ND		
1,1-Dichloroethene	ug/kg	<4.7	ND		
1,1-Dichloropropene	ug/kg	<4.7	ND		
1,2,3-Trichlorobenzene	ug/kg	<4.7	ND		
1,2,3-Trichloropropane	ug/kg	<4.7	ND		
1,2,4-Trichlorobenzene	ug/kg	<4.7	ND		
1,2,4-Trimethylbenzene	ug/kg	<4.7	ND		
1,2-Dibromo-3-chloropropane	ug/kg	<4.7	ND		
1,2-Dibromoethane (EDB)	ug/kg	<4.7	ND		
1,2-Dichlorobenzene	ug/kg	<4.7	ND		
1,2-Dichloroethane	ug/kg	<4.7	ND		
1,2-Dichloropropane	ug/kg	<4.7	ND		
1,3,5-Trimethylbenzene	ug/kg	<4.7	ND		
1,3-Dichlorobenzene	ug/kg	<4.7	ND		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

SAMPLE DUPLICATE: 1003071

Parameter	Units	92163105001 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	<4.7	ND		
1,4-Dichlorobenzene	ug/kg	<4.7	ND		
2,2-Dichloropropane	ug/kg	<4.7	ND		
2-Butanone (MEK)	ug/kg	<93.1	ND		
2-Chlorotoluene	ug/kg	<4.7	ND		
2-Hexanone	ug/kg	<46.5	ND		
4-Chlorotoluene	ug/kg	<4.7	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	<46.5	ND		
Acetone	ug/kg	<93.1	31J		
Benzene	ug/kg	<4.7	ND		
Bromobenzene	ug/kg	<4.7	ND		
Bromochloromethane	ug/kg	<4.7	ND		
Bromodichloromethane	ug/kg	<4.7	ND		
Bromoform	ug/kg	<4.7	ND		
Bromomethane	ug/kg	<9.3	ND		
Carbon tetrachloride	ug/kg	<4.7	ND		
Chlorobenzene	ug/kg	<4.7	ND		
Chloroethane	ug/kg	<9.3	ND		
Chloroform	ug/kg	<4.7	ND		
Chloromethane	ug/kg	<9.3	ND		
cis-1,2-Dichloroethene	ug/kg	<4.7	ND		
cis-1,3-Dichloropropene	ug/kg	<4.7	ND		
Dibromochloromethane	ug/kg	<4.7	ND		
Dibromomethane	ug/kg	<4.7	ND		
Dichlorodifluoromethane	ug/kg	<9.3	ND		
Diisopropyl ether	ug/kg	<4.7	ND		
Ethylbenzene	ug/kg	<4.7	ND		
Hexachloro-1,3-butadiene	ug/kg	<4.7	ND		
Isopropylbenzene (Cumene)	ug/kg	<4.7	ND		
m&p-Xylene	ug/kg	<9.3	ND		
Methyl-tert-butyl ether	ug/kg	<4.7	ND		
Methylene Chloride	ug/kg	<18.6	27.4		C9
n-Butylbenzene	ug/kg	<4.7	ND		
n-Propylbenzene	ug/kg	<4.7	ND		
Naphthalene	ug/kg	<4.7	ND		
o-Xylene	ug/kg	<4.7	ND		
p-Isopropyltoluene	ug/kg	<4.7	ND		
sec-Butylbenzene	ug/kg	<4.7	ND		
Styrene	ug/kg	<4.7	ND		
tert-Butylbenzene	ug/kg	<4.7	ND		
Tetrachloroethene	ug/kg	<4.7	ND		
Toluene	ug/kg	<4.7	ND		
trans-1,2-Dichloroethene	ug/kg	<4.7	ND		
trans-1,3-Dichloropropene	ug/kg	<4.7	ND		
Trichloroethene	ug/kg	<4.7	ND		
Trichlorofluoromethane	ug/kg	<4.7	ND		
Vinyl acetate	ug/kg	<46.5	ND		
Vinyl chloride	ug/kg	<9.3	ND		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

SAMPLE DUPLICATE: 1003071

Parameter	Units	92163105001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	<9.3	ND		
1,2-Dichloroethane-d4 (S)	%	105	92	8	
4-Bromofluorobenzene (S)	%	88	90	8	
Dibromofluoromethane (S)	%	100	97	2	
Toluene-d8 (S)	%	99	98	4	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: OEXT/22780 — Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 — Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 92163163001, 92163163002, 92163163003, 92163163004, 92163163005, 92163163006, 92163163007, 92163163008

METHOD BLANK: 1001257 — Matrix: Solid
Associated Lab Samples: 92163163001, 92163163002, 92163163003, 92163163004, 92163163005, 92163163006, 92163163007, 92163163008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	07/03/13 02:36	
n-Pentacosane (S)	%	90	41-119	07/03/13 02:36	

LABORATORY CONTROL SAMPLE: 1001258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	51.2	77	49-113	
n-Pentacosane (S)	%			88	41-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1001259 — 1001260

Parameter	Units	92163163001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	71.9	71.9	60.8	54.9	80	72	10-146	10	
n-Pentacosane (S)	%						95	77	41-119		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: OEXT/22827
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 92163163006

METHOD BLANK: 1003098
Matrix: Solid
Associated Lab Samples: 92163163006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	10.0	07/08/13 10:38	
2-Methylnaphthalene	ug/kg	ND	10.0	07/08/13 10:38	
Acenaphthene	ug/kg	ND	10.0	07/08/13 10:38	
Acenaphthylene	ug/kg	ND	10.0	07/08/13 10:38	
Anthracene	ug/kg	ND	10.0	07/08/13 10:38	
Benzo(a)anthracene	ug/kg	ND	10.0	07/08/13 10:38	
Benzo(a)pyrene	ug/kg	ND	10.0	07/08/13 10:38	
Benzo(b)fluoranthene	ug/kg	ND	10.0	07/08/13 10:38	
Benzo(g,h,i)perylene	ug/kg	ND	10.0	07/08/13 10:38	
Benzo(k)fluoranthene	ug/kg	ND	10.0	07/08/13 10:38	
Chrysene	ug/kg	ND	10.0	07/08/13 10:38	
Dibenz(a,h)anthracene	ug/kg	ND	10.0	07/08/13 10:38	
Fluoranthene	ug/kg	ND	10.0	07/08/13 10:38	
Fluorene	ug/kg	ND	10.0	07/08/13 10:38	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	10.0	07/08/13 10:38	
Naphthalene	ug/kg	ND	10.0	07/08/13 10:38	
Phenanthrene	ug/kg	ND	10.0	07/08/13 10:38	
Pyrene	ug/kg	ND	10.0	07/08/13 10:38	
2-Fluorobiphenyl (S)	%	77	10-110	07/08/13 10:38	
Nitrobenzene-d5 (S)	%	81	10-128	07/08/13 10:38	
Terphenyl-d14 (S)	%	91	39-119	07/08/13 10:38	

LABORATORY CONTROL SAMPLE: 1003099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	33.3	24.5	73	29-108	
2-Methylnaphthalene	ug/kg	33.3	25.9	78	30-104	
Acenaphthene	ug/kg	33.3	24.1	72	38-109	
Acenaphthylene	ug/kg	33.3	25.0	75	41-109	
Anthracene	ug/kg	33.3	28.4	85	45-114	
Benzo(a)anthracene	ug/kg	33.3	30.1	90	45-109	
Benzo(a)pyrene	ug/kg	33.3	33.9	102	47-117	
Benzo(b)fluoranthene	ug/kg	33.3	29.1	87	32-113	
Benzo(g,h,i)perylene	ug/kg	33.3	30.8	92	10-149	
Benzo(k)fluoranthene	ug/kg	33.3	31.3	94	41-104	
Chrysene	ug/kg	33.3	30.2	90	35-116	
Dibenz(a,h)anthracene	ug/kg	33.3	30.4	91	13-139	
Fluoranthene	ug/kg	33.3	29.5	89	43-110	
Fluorene	ug/kg	33.3	24.5	73	45-111	
Indeno(1,2,3-cd)pyrene	ug/kg	33.3	31.8	95	17-135	
Naphthalene	ug/kg	33.3	24.0	72	26-120	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1003099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	33.3	26.5	79	45-110	
Pyrene	ug/kg	33.3	29.7	89	38-114	
2-Fluorobiphenyl (S)	%			76	10-110	
Nitrobenzene-d5 (S)	%			77	10-128	
Terphenyl-d14 (S)	%			104	39-119	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: OEXT/22770 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water CPAH by SIM MSSV 3510
Associated Lab Samples: 92163163009, 92163163010, 92163163011, 92163163012, 92163163014

METHOD BLANK: 1000575 — Matrix: Water
Associated Lab Samples: 92163163009, 92163163010, 92163163011, 92163163012, 92163163014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	2.0	07/01/13 11:43	
2-Methylnaphthalene	ug/L	ND	2.0	07/01/13 11:43	
Acenaphthene	ug/L	ND	2.0	07/01/13 11:43	
Acenaphthylene	ug/L	ND	1.5	07/01/13 11:43	
Anthracene	ug/L	ND	0.050	07/01/13 11:43	
Benzo(a)anthracene	ug/L	ND	0.10	07/01/13 11:43	
Benzo(a)pyrene	ug/L	ND	0.20	07/01/13 11:43	
Benzo(b)fluoranthene	ug/L	ND	0.30	07/01/13 11:43	
Benzo(g,h,i)perylene	ug/L	ND	0.20	07/01/13 11:43	
Benzo(k)fluoranthene	ug/L	ND	0.20	07/01/13 11:43	
Chrysene	ug/L	ND	0.10	07/01/13 11:43	
Dibenz(a,h)anthracene	ug/L	ND	0.20	07/01/13 11:43	
Fluoranthene	ug/L	ND	0.30	07/01/13 11:43	
Fluorene	ug/L	ND	0.31	07/01/13 11:43	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.20	07/01/13 11:43	
Naphthalene	ug/L	ND	1.5	07/01/13 11:43	
Phenanthrene	ug/L	ND	0.20	07/01/13 11:43	
Pyrene	ug/L	ND	0.10	07/01/13 11:43	
2-Fluorobiphenyl (S)	%	82	30-150	07/01/13 11:43	
Nitrobenzene-d5 (S)	%	76	30-150	07/01/13 11:43	
Terphenyl-d14 (S)	%	118	30-150	07/01/13 11:43	

LABORATORY CONTROL SAMPLE: 1000576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	1	ND	109	21-120	
2-Methylnaphthalene	ug/L	1	ND	104	19-120	
Acenaphthene	ug/L	1	ND	110	27-102	L3
Acenaphthylene	ug/L	1	ND	102	25-105	
Anthracene	ug/L	1	1.0	102	30-113	
Benzo(a)anthracene	ug/L	1	1.1	107	27-113	
Benzo(a)pyrene	ug/L	1	1.0	102	27-119	
Benzo(b)fluoranthene	ug/L	1	1.1	108	22-114	
Benzo(g,h,i)perylene	ug/L	1	0.92	92	10-129	
Benzo(k)fluoranthene	ug/L	1	1.0	100	24-111	
Chrysene	ug/L	1	1.0	103	23-112	
Dibenz(a,h)anthracene	ug/L	1	0.80	80	10-129	
Fluoranthene	ug/L	1	1.2	115	27-112	L3
Fluorene	ug/L	1	1.0	102	29-107	
Indeno(1,2,3-cd)pyrene	ug/L	1	1.0	105	14-123	
Naphthalene	ug/L	1	ND	96	17-120	

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

LABORATORY CONTROL SAMPLE: 1000576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	1	1.1	111	28-111	
Pyrene	ug/L	1	1.0	101	27-113	
2-Fluorobiphenyl (S)	%			85	30-150	
Nitrobenzene-d5 (S)	%			85	30-150	
Terphenyl-d14 (S)	%			119	30-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1000577 1000578

Parameter	Units	92162628001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1-Methylnaphthalene	ug/L	ND	2	2	ND	ND	111	97	10-101		M1
2-Methylnaphthalene	ug/L	ND	2	2	ND	ND	107	92	10-120		
Acenaphthene	ug/L	ND	2	2	ND	ND	108	97	27-101		M0
Acenaphthylene	ug/L	ND	2	2	ND	ND	104	91	17-120		
Anthracene	ug/L	ND	2	2	2.0	1.9	99	97	23-102	2	
Benzo(a)anthracene	ug/L	ND	2	2	2.0	2.1	102	107	18-104	5	M1
Benzo(a)pyrene	ug/L	ND	2	2	1.6	1.8	78	89	14-121	13	
Benzo(b)fluoranthene	ug/L	ND	2	2	1.8	1.9	91	96	11-116	5	
Benzo(g,h,i)perylene	ug/L	ND	2	2	1.2	1.4	59	69	10-118	16	
Benzo(k)fluoranthene	ug/L	ND	2	2	1.5	1.8	76	92	14-117	19	
Chrysene	ug/L	ND	2	2	1.9	2.1	95	103	16-103	9	
Dibenz(a,h)anthracene	ug/L	ND	2	2	1.1	1.1	55	57	10-123	5	
Fluoranthene	ug/L	ND	2	2	2.2	2.2	110	111	19-102	1	M0
Fluorene	ug/L	ND	2	2	2.1	1.9	102	95	21-120	8	
Indeno(1,2,3-cd)pyrene	ug/L	ND	2	2	1.3	1.6	65	80	10-120	20	
Naphthalene	ug/L	ND	2	2	ND	ND	86	72	10-120		
Phenanthrene	ug/L	ND	2	2	2.2	2.2	111	109	22-100	2	M1
Pyrene	ug/L	ND	2	2	2.0	2.0	99	100	31-110	1	
2-Fluorobiphenyl (S)	%						90	78	30-150		
Nitrobenzene-d5 (S)	%						93	75	30-150		
Terphenyl-d14 (S)	%						98	108	30-150		

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QUALITY CONTROL DATA

Project: 1020 N Front Office
Pace Project No.: 92163163

QC Batch: PMST/5638 — Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 — Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92163163001, 92163163002, 92163163003, 92163163004, 92163163005, 92163163006, 92163163007, 92163163008

SAMPLE DUPLICATE: 1001252

Parameter	Units	92163126010 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.0	12.2	1	

SAMPLE DUPLICATE: 1001253

Parameter	Units	92163118005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.6	13.1	11	

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QUALIFIERS

Project: 1020 N Front Office
Pace Project No.: 92163163

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

1g	The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.
B9	The reaction of the soil preservative, sodium bisulfate, is known to react with humic acid in soils to produce ketones. Based upon method blank results, the laboratory feels the ketones in this sample are a result of that reaction.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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www.pacelabs.com

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1020 N Front Office
Pace Project No.: 92163163

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92163163001	SB-1	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163002	SB-2	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163003	SB-3	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163004	SB-4	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163005	SB-5	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163006	SB-6	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163007	SB-7	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163008	SB-8	EPA 3546	OEXT/22780	EPA 8015 Modified	GCSV/14971
92163163001	SB-1	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163002	SB-2	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163003	SB-3	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163004	SB-4	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163005	SB-5	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163006	SB-6	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163007	SB-7	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163008	SB-8	EPA 5035A/5030B	GCV/7035	EPA 8015 Modified	GCV/7038
92163163006	SB-6	EPA 3546	OEXT/22827	EPA 8270 by SIM	MSSV/7908
92163163009	TMW-A	EPA 3510	OEXT/22770	EPA 8270 by SIM	MSSV/7901
92163163010	MW-2	EPA 3510	OEXT/22770	EPA 8270 by SIM	MSSV/7901
92163163011	MW-1	EPA 3510	OEXT/22770	EPA 8270 by SIM	MSSV/7901
92163163012	TMW-B	EPA 3510	OEXT/22770	EPA 8270 by SIM	MSSV/7901
92163163014	TMW-D	EPA 3510	OEXT/22770	EPA 8270 by SIM	MSSV/7901
92163163009	TMW-A	EPA 8260	MSV/23515		
92163163010	MW-2	EPA 8260	MSV/23516		
92163163011	MW-1	EPA 8260	MSV/23516		
92163163012	TMW-B	EPA 8260	MSV/23516		
92163163013	TMW-C	EPA 8260	MSV/23516		
92163163014	TMW-D	EPA 8260	MSV/23516		
92163163015	Trip Blank	EPA 8260	MSV/23515		
92163163006	SB-6	EPA 8260	MSV/23498		
92163163001	SB-1	ASTM D2974-87	PMST/5638		
92163163002	SB-2	ASTM D2974-87	PMST/5638		
92163163003	SB-3	ASTM D2974-87	PMST/5638		
92163163004	SB-4	ASTM D2974-87	PMST/5638		
92163163005	SB-5	ASTM D2974-87	PMST/5638		
92163163006	SB-6	ASTM D2974-87	PMST/5638		
92163163007	SB-7	ASTM D2974-87	PMST/5638		
92163163008	SB-8	ASTM D2974-87	PMST/5638		

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Pace Analytical	Sample Condition Upon Receipt (SCUR)	Page 1 of 2
	Document Number: F-CHR-CS-03-rev.11	Issuing Authority: Pace Huntersville Quality Office

Client Name: EL Inc.

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

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

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

Thermometer Used: IR Gun T1102 T1301 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor **T1102**: No Correction **T1301**: No Correction

Corrected Cooler Temp.: 1.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/27/13

		Comments:
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	☑Yes ☐No ☐N/A	8. ~~Pg1 #2 missing 8270, pg1 #7 missing 8270, pg1 #12~~
Correct Containers Used:	☑Yes ☐No ☐N/A	9. ~~missing 8270~~ 6/27/13
-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: -Includes date/time/ID/Analysis Matrix:_____	☐Yes ☑No ☐N/A	12. No Date on sample MW-2, no time on samples TMW-B, TMWC, and no Time on SB-1, SB-2, SB-4, SB-5, SB-6, SB-7, SB-8. No labels on trip blanks, Trip blanks
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13. are not on CoC Water with HCL
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☑N/A	Pg1#3 recieved 8270 not on CoC,
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
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: Trip blank logged in

SCURF Review: GW **Date:** 6/27/13

SRF Review: CW **Date:** 6/27/13

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)

Place label here

WO#: 92163163

92163163

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1656561

Section A Required Client Information:

Company: TL EE Group, Inc.
Address: 2101 Gateway Centre Blvd. Suite 200, Morrisville, NC
Email To: dlacklight@eeit.com
Phone: 919 657 7500 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Darren Lacklight
Copy To:
Purchase Order No.:
Project Name: 1020 N. Front Office
Project Number: ENM013012S.00

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 4222-3,4

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

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): TPH-GRO	TPH-DRO	8260-VOCs	8270-PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-1	SL	G			6/26/13	1132	/	4	2						2		3	1				001
2	TMW-A	WT	G			6/26/13	1145	/	5	2			3							3	2		009
3	MW-2	WT	G			6/26/13	1210	/	3				3							3			010
4	SB-2	SL	G			6/26/13	1231	/	4	2						2		3	1				002
5	SB-3	SL	G			6/26/13	1247	/	4	2						2		3	1				003
6	MW-1	WT	G			6/26/13	1330	/	5	2			3							3	2		011
7	TMW-B	WT	G			6/26/13	1350	/	5	2			3							3	2		012
8	TMW-C	WT	G			6/26/13	1415	/	3				3							3			013
9	SB-4	SL	G			6/26/13	1437	/	4	2						2		3	1				004
10	SB-5	SL	G			6/26/13	1500	/	4	2						2		3	1				005
11	SB-6	SL	G			6/26/13	1600	/	9	4					2	3		3	1	4	1		006
12	TMW-D	WT	G			6/26/13	1625	/	5	2			3							3	2		014

92163163 AB 6/27/13

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	(EE)	6/26/13	20:00	[illegible]	6/27/13	8:25				
	[illegible]	6/27/13	13:44	[illegible]	6/27/13	13:44	1.0	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Doug Albright
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 6/26/13

*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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1656558

Section A Required Client Information:

Company: TL EI Group, Inc.
Address: 2001 Gateway Center Blvd, Ste 200, Morrisville, NC
Email To: dlockhart@eit.com
Phone: 919 677 7500 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Darren Lockhart
Copy To:
Purchase Order No.:
Project Name: 1020 N. Front Office
Project Number: ENV0130725.00

Section C Invoice Information:

Attention:
Company Name:
Address:
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

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 (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	TPH-GRO	TPH-DRO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-7	SL	6			6/24/13	1640	/	4	2						2			3	1		007
2	SB-8	SL	6			6/26/13	1700	/	4	2						2			3	1		008
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

92163163

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)
	(EI)	6/26/13	20:00	Pace	6/27/13	8:15				
	Pace	6/27/13	13:44	Pace	6/27/13	13:44	6.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Doug Albright

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 6/26/13

*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.