

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway, Albany, New York 12233-7014
Phone: (518) 402-9662 • **Fax:** (518) 402-9679
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Via E-mail and Regular Mail

June 9, 2014

Mr. David Lloyds
Beacon Terminals Associates, LLP.
18 East 22nd Street
New York, NY 10021

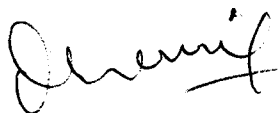
Ref: Soil Importation and on-site Stockpiling Plan
Beacon Terminal, Site No: C314117
City of Beacon, Dutchess County

Dear Mr. Lloyds,

The New York State Department of Environmental Conservation (Department) has reviewed Soil Importation and on-site Stockpiling Plan dated June 9, 2014 prepared by Jansen Engineering, PLLC and is hereby approved.

Please contact me at (518) 402-9662 or pbamin@gw.dec.state.ny.us if you have any questions. Thank you.

Sincerely,



Parag Amin, P.E.
Project Manager
Remedial Bureau C

ecc : Y. Jansen, Jansen Engineering, PLLC
P. Ciminello, Ecosystems Strategies, Inc
S. Spitzer, Ecosystems Strategies, Inc
A. Perretta, NYSDOH
D. Crosby, DER

72 Colburn Drive
Poughkeepsie, NY 12603
845-505-0324

June 9, 2014

Parag Amin
NYSDEC – Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

Subject: Beacon Terminal Site, NYSDEC Brownfield Program Site: C314117
555 South Avenue, City of Beacon, Dutchess County

Mr. Amin,

Jansen Engineering, PLLC (JE) and Ecosystems Strategies, Inc. (ESI) will be providing environmental oversight for the importation of approximately 6,000 cubic yards (cy) of soil to the Beacon Terminal BCP site, located at 555 South Avenue, City of Beacon, Dutchess County, New York. The soil will be stockpiled on the Site in accordance with the NYSDEC approved Remedial Action Work Plan (RAWP), as described below, and be properly secured pending use as a clean cover material during future remedial activities. With the exception of the importation of this soil, no other significant construction activities, as specified in the RAWP, will be undertaken during the soil stockpiling process. The schedule is for trucks to arrive on-site starting Monday morning (June 9).

The soil to be imported is the soil previously described in relevant email messages to NYSDEC and corresponds to the attached laboratory report and data summary table (any soil above 6,000 cy will be properly documented with additional laboratory testing for required parameters). JE and ESI have reviewed the attached analytical report, supplied by the ELAP certified laboratory, and concur that reported analyte concentrations comply with DER-10 Appendix 5 Allowable Constituent Levels for Imported Fill or Soil Subdivision 5.4(e), as specified for Restricted Residential Use.

The remedial engineer, JE, will inspect the Site (prior to fieldwork) and the imported soils, and all documentation of soil origin, sampling, transport, and on-site stockpiling will be provided in the final signed FER for the Site. ESI will provide brief daily emails, and weekly summary reports, documenting the importation process, and will provide a photographic record of fieldwork activities for NYSDEC review. The results of periodic inspections of the final stockpile, performed under the supervision of JE, will be provided to NYSDEC.

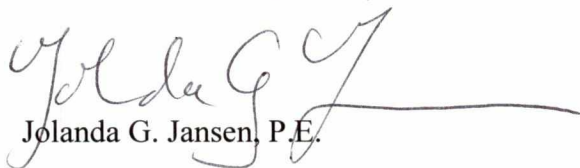
June 5, 2014

Environmental oversight by JE and ESI will include briefing the Volunteer and all applicable on-site contractors on the requirements of the approved RAWP, inclusive of the HASP, CAMP and management of trucks (cleaning, staging, routing, work hours, etc). The ESCP will be properly executed with special emphasis placed on protecting the nearby Fishkill Creek. Logbooks will be maintained on-site for inspection by NYSDEC and/or NYSDOH personnel.

Trucks will proceed along the approved off-site truck route, enter the Site via a secure gated access point, and proceed along the paved roadway north of Buildings B-5A, B-5B and B-7 through a stabilized construction entrance. Heavy equipment, operating (as practicable) on paved asphalt areas, will be used to unload and move soil into place. The soil will be stockpiled directly west of Building B-7, on the asphalt of the former parking lot (asphalt will be covered with 6-mil plastic prior to material placement, if the surface integrity is impaired, based on the recommendations of the RE). Soil will be placed in lifts and properly sloped, and the final stockpile will be seeded, mulched and watered to stabilize the surface.

The attached ESCP indicates the placement of the soil stockpile, shows future excavation areas and provides relevant construction notes. The soil stockpile will be placed so as to not impede the investigation to identify the presence or absence of Davis' sedge at the western portions of the Site.

JANSEN ENGINEERING, PLLC



Jolanda G. Jansen, P.E.

Cc: Ecosystem Strategies, Inc.

Attachments

1. Data Summary – Analysis of Imported Soil for Beacon Terminal BCP Site
2. Technical Report by York Analytical Laboratories, Inc. dated 5/23/2014
3. Erosion Control Plan – last revised 5 June, 2014

SOIL SAMPLING RESULTS
for
SOIL TO BE IMPORTED

for

BEACON TERMINAL BCP SITE
555 South Avenue
City of Beacon
Dutchess County, New York

NYSDEC Brownfield Program Site: C314117

June, 2014

Prepared by:

Jansen Engineering, PLLC
72 Colburn Drive
Poughkeepsie, NY 12603



Jolanda G. Jansen, P.E.
NYS Lic. No. 068972-1

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Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - METALS and CYANIDE

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-01	FW-BM-02	FW-BM-03	FW-BM-04	FW-BM-05	FW-BM-06	FW-BM-07
TAL Metals	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	NE	NE	12,400	12,300	12,600	13,600	12,300	13,200	13,300
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	16	7.25	7.17	7.33	6.24	6.73	7.37	7.38
Barium	350	400	55	60.70	72.20	66.40	52.40	58.30	57.40
Beryllium	7.2	47	0.42	0.44	0.54	0.55	0.43	0.46	0.45
Cadmium	2.5	4.3	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	NE	801	805	1,130	941	715	836	701
Chromium (+3)	30	180	16	15.50	15.30	14.90	15.50	16.50	15.80
Chromium (+6)	1	19	ND	ND	ND	ND	ND	ND	ND
Cobalt	NE	NE	10.80	10.70	10.90	9.88	10.90	11.40	13
Copper	50	270	27.10	24.70	26.80	20	26.10	28.50	28.90
Iron	NE	NE	24,400	23,100	23,500	21,600	23,900	25,800	25,300
Lead	63	400	14	15.20	19.30	17.80	13.40	14.20	15.20
Magnesium	NE	NE	4,370	4,110	4,740	3,980	4,460	4,670	4,550
Manganese	1,600	2,000	687	775	1,000	850	723	750	815
Mercury	0.18	0.73	ND	ND	ND	ND	ND	ND	ND
Nickel	30	130	29.30	28	28.70	26.60	29.60	31.30	30.50
Potassium	NE	NE	1,020	924	727	699	916	964	914
Selenium	3.9	4	ND	ND	ND	ND	1.41	ND	ND
Silver	2	8.3	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	NE	163	130	115	100	87.40	85.80	77.40
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND
Vanadium	NE	NE	19	18.40	17.40	18.70	18.20	19.80	19.50
Zinc	109	2,480	70.90	67.40	72.10	61.70	67.20	72.10	71
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND

Blue shading indicates exceedance of UU ACL

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - PESTICIDES and PCBs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-01	FW-BM-02	FW-BM-03	FW-BM-04	FW-BM-05	FW-BM-06	FW-BM-07
Pesticides	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
2,4,5-TP Acid (Silvex)	3.8	3.8	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	8.9	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	7.9	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	13	ND	ND	ND	ND	ND	ND	ND
Aldrin	0.005	0.097	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.02	0.02	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.036	0.09	ND	ND	ND	ND	ND	ND	ND
Chlordane (alpha)	0.094	2.9	ND	ND	ND	ND	ND	ND	ND
Chlordane (total)	NE	NE	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	0.04	0.25	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	59	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.005	0.1	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	2.4	24	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2.4	24	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	2.4	24	ND	ND	ND	ND	ND	ND	ND
Endrin	0.014	0.06	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.042	0.38	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	NE	NE	ND	ND	ND	ND	ND	ND	ND
Lindane	0.1	0.1	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	NE	NE	ND	ND	ND	ND	ND	ND	ND
Toxaphene	NE	NE	ND	ND	ND	ND	ND	ND	ND
PCBs (total)	0.1	1	ND	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - SVOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-01	FW-BM-02	FW-BM-03	FW-BM-04	FW-BM-05	FW-BM-06	FW-BM-07
SVOCs	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
3- & 4-Methylphenols	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	98	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1	1	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1	1	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100	100	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	1.7	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND
Benzyl butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Chrysene	1	1	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - SVOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-01	FW-BM-02	FW-BM-03	FW-BM-04	FW-BM-05	FW-BM-06	FW-BM-07
SVOCs (continued)	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND	ND	ND	ND	ND
Fluorene	30	100	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	1.2	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	0.8	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND	ND	ND	ND
Phenol	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Pyrene	100	100	ND	ND	ND	ND	ND	ND	ND
Pyridine	NE	NE	ND	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-08	FW-BM-09	FW-BM-10	FW-BM-11	FW-BM-12	FW-BM-13
VOCs	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	0.68	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane (Fre	NE	NE	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	0.27	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	0.33	0.33	ND	ND	ND	ND	ND	ND
1,1-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	3.6	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NE	NE	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	1.1	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.02	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	8.4	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	2.4	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	1.8	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	0.1	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.12	0.12	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND	ND
Acetone	0.05	0.05	ND	0.0049 JB	ND	ND	ND	ND
Benzene	0.06	0.06	ND	ND	ND	ND	ND	ND
Bromobenzene	NE	NE	ND	ND	ND	ND	ND	ND
Bromochloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Bromoform	NE	NE	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	0.76	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	1.1	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND
Chloroform	0.37	0.37	ND	ND	ND	ND	ND	ND
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	0.25	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Dibromomethane	NE	NE	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	1	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-08	FW-BM-09	FW-BM-10	FW-BM-11	FW-BM-12	FW-BM-13
VOCs (continued)	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Isopropylbenzene	NE	NE	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	0.93	NE	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	NE	ND	0.0062 JB	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	12	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	3.9	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	1.6	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	1.6	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	NE	NE	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	11	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	5.9	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	1.3	ND	ND	ND	ND	ND	ND
Toluene	0.7	0.7	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	0.19	0.19	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.47	0.47	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NE	NE	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	0.02	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	1.6	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-14	FW-BM-15	FW-BM-16	FW-BM-17	FW-BM-18	FW-BM-19
VOCs	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	0.68	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane (Fre	NE	NE	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NE	NE	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	0.27	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	0.33	0.33	ND	ND	ND	ND	ND	ND
1,1-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	3.6	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NE	NE	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	1.1	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.02	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	8.4	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	2.4	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	1.8	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	0.1	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.12	0.12	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND	ND
Acetone	0.05	0.05	ND	ND	ND	ND	ND	0.0026 J
Benzene	0.06	0.06	ND	ND	ND	ND	ND	ND
Bromobenzene	NE	NE	ND	ND	ND	ND	ND	ND
Bromochloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Bromoform	NE	NE	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	0.76	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	1.1	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND
Chloroform	0.37	0.37	ND	ND	ND	ND	ND	ND
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	0.25	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NE	NE	ND	ND	ND	ND	ND	ND
Dibromomethane	NE	NE	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	1	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-14	FW-BM-15	FW-BM-16	FW-BM-17	FW-BM-18	FW-BM-19
VOCs (continued)	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Isopropylbenzene	NE	NE	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	0.93	NE	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	NE	ND	ND	ND	ND	ND	0.0027 JB
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	12	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	3.9	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	1.6	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	1.6	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	NE	NE	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	11	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	5.9	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	1.3	ND	ND	ND	ND	ND	ND
Toluene	0.7	0.7	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	0.19	0.19	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.47	0.47	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NE	NE	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	0.02	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	1.6	ND	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

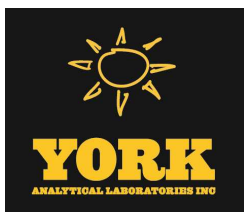
(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-20	FW-BM-21	FW-BM-22	FW-BM-23	FW-BM-24
VOCs	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	0.68	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane (Fre	NE	NE	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NE	NE	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	0.27	ND	ND	ND	ND	ND
1,1-Dichloroethylene	0.33	0.33	ND	ND	ND	ND	ND
1,1-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NE	NE	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	3.6	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NE	NE	ND	ND	ND	ND	ND
1,2-Dibromoethane	NE	NE	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	1.1	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.02	ND	ND	ND	ND	ND
1,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	8.4	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	2.4	ND	ND	ND	ND	ND
1,3-Dichloropropane	NE	NE	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	1.8	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	0.1	ND	ND	ND	ND	ND
2,2-Dichloropropane	NE	NE	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.12	0.12	ND	ND	ND	ND	ND
2-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND
4-Chlorotoluene	NE	NE	ND	ND	ND	ND	ND
Acetone	0.05	0.05	ND	ND	ND	ND	ND
Benzene	0.06	0.06	ND	ND	ND	ND	ND
Bromobenzene	NE	NE	ND	ND	ND	ND	ND
Bromochloromethane	NE	NE	ND	ND	ND	ND	ND
Bromodichloromethane	NE	NE	ND	ND	ND	ND	ND
Bromoform	NE	NE	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	0.76	ND	ND	ND	ND	ND
Chlorobenzene	1.1	1.1	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND
Chloroform	0.37	0.37	ND	ND	ND	ND	ND
Chloromethane	NE	NE	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	0.25	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND
Dibromochloromethane	NE	NE	ND	ND	ND	ND	ND
Dibromomethane	NE	NE	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND
Ethyl Benzene	1	1	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND

Data Summary - Analysis of Imported Soil for Beacon Terminal BCP Site - VOCs

(ACL=Allowable Constituent Levels, UU=Unrestricted-Use, RRU=Restricted-Residential Use, ND=Non-detect, NE=Not Established)

Sample ID	UU ACL	RRU ACL	FW-BM-20	FW-BM-21	FW-BM-22	FW-BM-23	FW-BM-24
VOCs (continued)	mg/Kg	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Isopropylbenzene	NE	NE	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	0.93	NE	ND	ND	ND	ND	ND
Methylene chloride	0.05	NE	0.0037 JB	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND
n-Butylbenzene	12	12	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	3.9	ND	ND	ND	ND	ND
o-Xylene	0.26	1.6	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	1.6	ND	ND	ND	ND	ND
p-Isopropyltoluene	NE	NE	ND	ND	ND	ND	ND
sec-Butylbenzene	11	11	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	5.9	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	1.3	ND	ND	ND	ND	ND
Toluene	0.7	0.7	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	0.19	0.19	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	NE	NE	ND	ND	ND	ND	ND
Trichloroethylene	0.47	0.47	ND	ND	ND	ND	ND
Trichlorofluoromethane	NE	NE	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	0.02	ND	ND	ND	ND	ND
Xylenes, Total	0.26	1.6	ND	ND	ND	ND	ND



Technical Report

prepared for:

Ecosystems Strategies, Inc.

24 Davis Avenue

Poughkeepsie NY, 12603

Attention: Scott Spitzer

Report Date: 05/23/2014

Client Project ID: BB04157

York Project (SDG) No.: 14E0712

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/23/2014
Client Project ID: BB04157
York Project (SDG) No.: 14E0712

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 16, 2014 and listed below. The project was identified as your project: **BB04157**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14E0712-01	FW-BM-01	Soil	05/15/2014	05/16/2014
14E0712-02	FW-BM-02	Soil	05/15/2014	05/16/2014
14E0712-03	FW-BM-03	Soil	05/15/2014	05/16/2014
14E0712-04	FW-BM-04	Soil	05/15/2014	05/16/2014
14E0712-05	FW-BM-05	Soil	05/15/2014	05/16/2014
14E0712-06	FW-BM-06	Soil	05/15/2014	05/16/2014
14E0712-07	FW-BM-07	Soil	05/15/2014	05/16/2014
14E0712-08	FW-BM-08	Soil	05/15/2014	05/16/2014
14E0712-09	FW-BM-09	Soil	05/15/2014	05/16/2014
14E0712-10	FW-BM-10	Soil	05/15/2014	05/16/2014
14E0712-11	FW-BM-11	Soil	05/15/2014	05/16/2014
14E0712-12	FW-BM-12	Soil	05/15/2014	05/16/2014
14E0712-13	FW-BM-13	Soil	05/15/2014	05/16/2014
14E0712-14	FW-BM-14	Soil	05/15/2014	05/16/2014
14E0712-15	FW-BM-15	Soil	05/15/2014	05/16/2014
14E0712-16	FW-BM-16	Soil	05/15/2014	05/16/2014
14E0712-17	FW-BM-17	Soil	05/15/2014	05/16/2014
14E0712-18	FW-BM-18	Soil	05/15/2014	05/16/2014
14E0712-19	FW-BM-19	Soil	05/15/2014	05/16/2014
14E0712-20	FW-BM-20	Soil	05/15/2014	05/16/2014
14E0712-21	FW-BM-21	Soil	05/15/2014	05/16/2014
14E0712-22	FW-BM-22	Soil	05/15/2014	05/16/2014
14E0712-23	FW-BM-23	Soil	05/15/2014	05/16/2014

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14E0712-24	FW-BM-24	Soil	05/15/2014	05/16/2014

General Notes for York Project (SDG) No.: 14E0712

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 05/23/2014

Benjamin Gulizia
Laboratory Director





Sample Information

Client Sample ID: FW-BM-01

York Sample ID: 14E0712-01

York Project (SDG) No.

14E0712

Client Project ID

BB04157

Matrix

Soil

Collection Date/Time

May 15, 2014 3:00 pm

Date Received

05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
62-53-3	Aniline	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	295	589	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	295	590	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ



Sample Information

Client Sample ID: FW-BM-01

York Sample ID: 14E0712-01

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	149	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
108-95-2	Phenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	74.3	295	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:28	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	16.7 %	10-105								
4165-62-2	Surrogate: Phenol-d5	19.0 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	14.9 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	17.6 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	16.0 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	38.0 %	10-137								



Sample Information

Client Sample ID: FW-BM-01

York Sample ID: 14E0712-01

York Project (SDG) No.
14E0712

Client Project ID
BB04157

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Soil

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May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	98.5	98.5	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.73	9.73	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.79	7.79	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	1.95	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:12	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.1	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.02	20.1	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:11	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	65.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	43.8 %	30-140								



Sample Information

Client Sample ID: FW-BM-01

York Sample ID: 14E0712-01

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.6	23.6	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 13:36	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	78.0 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12400		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-36-0	Antimony	ND		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-38-2	Arsenic	7.25		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-39-3	Barium	55.0		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-41-7	Beryllium	0.416		mg/kg dry	0.118	0.118	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.354	0.354	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-70-2	Calcium	801		mg/kg dry	0.590	5.90	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-47-3	Chromium	16.0		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-48-4	Cobalt	10.8		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-50-8	Copper	27.1		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7439-89-6	Iron	24400		mg/kg dry	2.36	2.36	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7439-92-1	Lead	14.0		mg/kg dry	0.354	0.354	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7439-95-4	Magnesium	4370		mg/kg dry	5.90	5.90	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7439-96-5	Manganese	687		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-02-0	Nickel	29.3		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-09-7	Potassium	1020		mg/kg dry	5.90	5.90	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-23-5	Sodium	163		mg/kg dry	11.8	11.8	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-62-2	Vanadium	19.0		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW
7440-66-6	Zinc	70.9		mg/kg dry	1.18	1.18	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:02	MW



Sample Information

Client Sample ID: FW-BM-01

York Sample ID: 14E0712-01

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0389	0.0389	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.8		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.413	0.590	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	0.590	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
62-53-3	Aniline	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ



Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	279	557	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	279	558	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ



Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
108-95-2	Phenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 10:58	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	27.1 %	10-105								
4165-62-2	Surrogate: Phenol-d5	31.2 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	24.7 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	36.6 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	29.7 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	43.6 %	10-137								



Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

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Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.36	7.36	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 11:44	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.58	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 02:49	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %	30-140								



Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.3	22.3	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 14:07	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	78.4 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12300		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-38-2	Arsenic	7.17		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-39-3	Barium	60.7		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-41-7	Beryllium	0.443		mg/kg dry	0.112	0.112	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-70-2	Calcium	805		mg/kg dry	0.558	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-47-3	Chromium	15.5		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-48-4	Cobalt	10.7		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-50-8	Copper	24.7		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7439-89-6	Iron	23100		mg/kg dry	2.23	2.23	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7439-92-1	Lead	15.2		mg/kg dry	0.335	0.335	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7439-95-4	Magnesium	4110		mg/kg dry	5.58	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7439-96-5	Manganese	775		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-02-0	Nickel	28.0		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-09-7	Potassium	924		mg/kg dry	5.58	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-23-5	Sodium	130		mg/kg dry	11.2	11.2	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-62-2	Vanadium	18.4		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW
7440-66-6	Zinc	67.4		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:07	MW



Sample Information

Client Sample ID: FW-BM-02

York Sample ID: 14E0712-02

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	0.0368	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.558	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	0.558	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
62-53-3	Aniline	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ



Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	290	578	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	290	578	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ



Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	146	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
108-95-2	Phenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	72.9	289	1	EPA 8270D	05/21/2014 15:00	05/22/2014 11:29	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	15.3 %	10-105								
4165-62-2	Surrogate: Phenol-d5	18.8 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	11.9 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	16.1 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	36.5 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	34.7 %	10-137								



Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.6	96.6	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.54	9.54	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.63	7.63	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.86	19.7	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:09	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	47.3 %	30-140								



Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.1	23.1	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 14:22	JW
	Surrogate Recoveries	Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	83.4 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12600		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-36-0	Antimony	ND		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-38-2	Arsenic	7.33		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-39-3	Barium	72.2		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-41-7	Beryllium	0.542		mg/kg dry	0.116	0.116	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-70-2	Calcium	1130		mg/kg dry	0.578	5.78	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-47-3	Chromium	15.3		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-48-4	Cobalt	10.9		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-50-8	Copper	26.8		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7439-89-6	Iron	23500		mg/kg dry	2.31	2.31	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7439-92-1	Lead	19.3		mg/kg dry	0.347	0.347	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7439-95-4	Magnesium	4740		mg/kg dry	5.78	5.78	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7439-96-5	Manganese	1000		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-02-0	Nickel	28.7		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-09-7	Potassium	727		mg/kg dry	5.78	5.78	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-22-4	Silver	ND		mg/kg dry	0.578	0.578	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-23-5	Sodium	115		mg/kg dry	11.6	11.6	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-62-2	Vanadium	17.4		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW
7440-66-6	Zinc	72.1		mg/kg dry	1.16	1.16	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:12	MW



Sample Information

Client Sample ID: FW-BM-03

York Sample ID: 14E0712-03

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0382	0.0382	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.5		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.405	0.578	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.578	0.578	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
62-53-3	Aniline	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ



Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	286	571	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	286	572	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ



Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	144	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
108-95-2	Phenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	72.0	286	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:00	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	35.4 %	10-105								
4165-62-2	Surrogate: Phenol-d5	49.3 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	42.3 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	52.0 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	55.7 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	58.1 %	10-137								



Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.55	7.55	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:16	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.77	19.4	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:28	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	81.4 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	45.7 %	30-140								



Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.9	22.9	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 14:37	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	86.0 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13600		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-38-2	Arsenic	6.24		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-39-3	Barium	66.4		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-41-7	Beryllium	0.553		mg/kg dry	0.114	0.114	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-70-2	Calcium	941		mg/kg dry	0.572	5.72	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-47-3	Chromium	14.9		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-48-4	Cobalt	9.88		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-50-8	Copper	20.0		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7439-89-6	Iron	21600		mg/kg dry	2.29	2.29	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7439-92-1	Lead	17.8		mg/kg dry	0.343	0.343	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7439-95-4	Magnesium	3980		mg/kg dry	5.72	5.72	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7439-96-5	Manganese	850		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-02-0	Nickel	26.6		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-09-7	Potassium	699		mg/kg dry	5.72	5.72	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-23-5	Sodium	100		mg/kg dry	11.4	11.4	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-62-2	Vanadium	18.7		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW
7440-66-6	Zinc	61.7		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:17	MW



Sample Information

Client Sample ID: FW-BM-04

York Sample ID: 14E0712-04

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	0.0377	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.5		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.572	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	0.572	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-05

York Sample ID: 14E0712-05

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
62-53-3	Aniline	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ



Sample Information

Client Sample ID: FW-BM-05

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Soil

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May 15, 2014 3:00 pm

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05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	285	568	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	285	568	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ



Sample Information

Client Sample ID: FW-BM-05

York Sample ID: 14E0712-05

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	143	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
108-95-2	Phenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.6	284	1	EPA 8270D	05/21/2014 15:00	05/22/2014 12:30	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	26.2 %	10-105								
4165-62-2	Surrogate: Phenol-d5	32.8 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	27.2 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	35.5 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	34.3 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	53.5 %	10-137								



Sample Information

Client Sample ID: FW-BM-05

York Sample ID: 14E0712-05

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.9	94.9	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.37	9.37	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.50	7.50	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:31	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.73	19.3	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 03:47	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	75.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	50.9 %	30-140								



Sample Information

Client Sample ID: FW-BM-05

York Sample ID: 14E0712-05

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.7	22.7	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 14:52	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	91.8 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12300		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-36-0	Antimony	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-38-2	Arsenic	6.73		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-39-3	Barium	52.4		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-41-7	Beryllium	0.434		mg/kg dry	0.114	0.114	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-70-2	Calcium	715		mg/kg dry	0.568	5.68	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-47-3	Chromium	15.5		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-48-4	Cobalt	10.9		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-50-8	Copper	26.1		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7439-89-6	Iron	23900		mg/kg dry	2.27	2.27	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7439-92-1	Lead	13.4		mg/kg dry	0.341	0.341	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7439-95-4	Magnesium	4460		mg/kg dry	5.68	5.68	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7439-96-5	Manganese	723		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-02-0	Nickel	29.6		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-09-7	Potassium	916		mg/kg dry	5.68	5.68	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7782-49-2	Selenium	1.41		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-23-5	Sodium	87.4		mg/kg dry	11.4	11.4	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-62-2	Vanadium	18.2		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW
7440-66-6	Zinc	67.2		mg/kg dry	1.14	1.14	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:22	MW



Sample Information

Client Sample ID: FW-BM-05

York Sample ID: 14E0712-05

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	0.0375	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.398	0.568	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.568	0.568	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
62-53-3	Aniline	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ



Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	279	557	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	279	557	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ



Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	140	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
108-95-2	Phenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.2	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:01	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	17.9 %	10-105								
4165-62-2	Surrogate: Phenol-d5	18.5 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	16.9 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	17.3 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	17.7 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	32.9 %	10-137								



Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.0	93.0	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.19	9.19	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.35	7.35	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 12:47	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.58	18.9	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:25	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	80.2 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %	30-140								



Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.3	22.3	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 15:07	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	99.2 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13200		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-38-2	Arsenic	7.37		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-39-3	Barium	58.3		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-41-7	Beryllium	0.462		mg/kg dry	0.111	0.111	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-70-2	Calcium	836		mg/kg dry	0.557	5.57	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-47-3	Chromium	16.5		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-48-4	Cobalt	11.4		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-50-8	Copper	28.5		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7439-89-6	Iron	25800		mg/kg dry	2.23	2.23	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7439-92-1	Lead	14.2		mg/kg dry	0.334	0.334	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7439-95-4	Magnesium	4670		mg/kg dry	5.57	5.57	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7439-96-5	Manganese	750		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-02-0	Nickel	31.3		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-09-7	Potassium	964		mg/kg dry	5.57	5.57	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-23-5	Sodium	85.8		mg/kg dry	11.1	11.1	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-62-2	Vanadium	19.8		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW
7440-66-6	Zinc	72.1		mg/kg dry	1.11	1.11	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:27	MW



Sample Information

Client Sample ID: FW-BM-06

York Sample ID: 14E0712-06

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	0.0368	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.557	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	0.557	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
208-96-8	Acenaphthylene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
62-53-3	Aniline	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
120-12-7	Anthracene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ



Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
100-51-6	Benzyl alcohol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
106-47-8	4-Chloroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
218-01-9	Chrysene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
132-64-9	Dibenzofuran	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	279	557	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	279	558	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
206-44-0	Fluoranthene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
86-73-7	Fluorene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
67-72-1	Hexachloroethane	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
78-59-1	Isophorone	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ



Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
95-48-7	2-Methylphenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
91-20-3	Naphthalene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
99-09-2	3-Nitroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
100-01-6	4-Nitroaniline	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
98-95-3	Nitrobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
100-02-7	4-Nitrophenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
87-86-5	Pentachlorophenol	ND		ug/kg dry	141	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
85-01-8	Phenanthrene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
108-95-2	Phenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
129-00-0	Pyrene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
110-86-1	Pyridine	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.3	279	1	EPA 8270D	05/21/2014 15:00	05/22/2014 13:31	ZZZ
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	23.0 %	10-105								
4165-62-2	Surrogate: Phenol-d5	26.1 %	10-118								
4165-60-0	Surrogate: Nitrobenzene-d5	23.1 %	10-140								
321-60-8	Surrogate: 2-Fluorobiphenyl	25.7 %	10-126								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	21.9 %	10-150								
1718-51-0	Surrogate: Terphenyl-d14	40.4 %	10-137								



Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.36	7.36	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	05/21/2014 21:00	05/22/2014 13:03	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.58	19.0	1	EPA 8081B/8082A	05/21/2014 21:00	05/23/2014 04:45	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	74.3 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	49.8 %	30-140								



Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

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May 15, 2014 3:00 pm

Date Received
05/16/2014

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.3	22.3	1	EPA 8151A m	05/22/2014 06:52	05/22/2014 15:20	JW
Surrogate Recoveries		Result		Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	107 %		30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13300		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-38-2	Arsenic	7.38		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-39-3	Barium	57.4		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-41-7	Beryllium	0.447		mg/kg dry	0.112	0.112	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-70-2	Calcium	701		mg/kg dry	0.558	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-47-3	Chromium	15.8		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-48-4	Cobalt	13.0		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-50-8	Copper	28.9		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7439-89-6	Iron	25300		mg/kg dry	2.23	2.23	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7439-92-1	Lead	15.2		mg/kg dry	0.335	0.335	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7439-95-4	Magnesium	4550		mg/kg dry	5.58	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7439-96-5	Manganese	815		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-02-0	Nickel	30.5		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-09-7	Potassium	914		mg/kg dry	5.58	5.58	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-23-5	Sodium	77.4		mg/kg dry	11.2	11.2	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-62-2	Vanadium	19.5		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW
7440-66-6	Zinc	71.0		mg/kg dry	1.12	1.12	1	EPA 6010C	05/21/2014 08:56	05/21/2014 11:32	MW



Sample Information

Client Sample ID: FW-BM-07

York Sample ID: 14E0712-07

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	0.0368	1	EPA 7471B	05/22/2014 09:56	05/23/2014 10:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.558	1	EPA 7196A	05/23/2014 09:06	05/23/2014 15:46	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	0.558	1	EPA 9014/9010C	05/23/2014 08:09	05/23/2014 13:21	AD

Sample Information

Client Sample ID: FW-BM-08

York Sample ID: 14E0712-08

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK



Sample Information

Client Sample ID: FW-BM-08

York Sample ID: 14E0712-08

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
67-64-1	Acetone	ND		ug/kg dry	2.8	11	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK



Sample Information

Client Sample ID: FW-BM-08

York Sample ID: 14E0712-08

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	11	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	05/21/2014 16:29	05/22/2014 07:38	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.5 %				67-130					
460-00-4	Surrogate: p-Bromofluorobenzene	108 %				75-127					
2037-26-5	Surrogate: Toluene-d8	98.5 %				90-112					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Sample Information

Client Sample ID: FW-BM-09

York Sample ID: 14E0712-09

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014



Sample Information

Client Sample ID: FW-BM-09

York Sample ID: 14E0712-09

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
67-64-1	Acetone	4.9	J, B	ug/kg dry	2.7	11	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK



Sample Information

Client Sample ID: FW-BM-09

York Sample ID: 14E0712-09

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-09-2	Methylene chloride	6.2	CCV-E , J, B	ug/kg dry	2.7	11	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/23/2014 08:30	05/23/2014 12:14	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	75-127								
2037-26-5	Surrogate: Toluene-d8	102 %	90-112								



Sample Information

Client Sample ID: FW-BM-09

York Sample ID: 14E0712-09

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.2		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Sample Information

Client Sample ID: FW-BM-10

York Sample ID: 14E0712-10

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS



Sample Information

Client Sample ID: FW-BM-10

York Sample ID: 14E0712-10

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS



Sample Information

Client Sample ID: FW-BM-10

York Sample ID: 14E0712-10

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 15:35	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.4 %		67-130							
460-00-4	Surrogate: p-Bromofluorobenzene	106 %		75-127							
2037-26-5	Surrogate: Toluene-d8	102 %		90-112							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.4		%	0.100	0.100	1	SM 2540G	05/22/2014 09:06	05/23/2014 12:59	KK

Sample Information

Client Sample ID: FW-BM-11

York Sample ID: 14E0712-11

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS



Sample Information

Client Sample ID: FW-BM-11

York Sample ID: 14E0712-11

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	87	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS



Sample Information

Client Sample ID: FW-BM-11

York Sample ID: 14E0712-11

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:04	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.6 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %			75-127						
2037-26-5	Surrogate: Toluene-d8	100 %			90-112						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.6		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-12

York Sample ID: 14E0712-12

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS



Sample Information

Client Sample ID: FW-BM-12

York Sample ID: 14E0712-12

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
67-64-1	Acetone	ND		ug/kg dry	2.3	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS



Sample Information

Client Sample ID: FW-BM-12

York Sample ID: 14E0712-12

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 16:33	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.8 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	75-127								
2037-26-5	Surrogate: Toluene-d8	108 %	90-112								



Sample Information

Client Sample ID: FW-BM-12

York Sample ID: 14E0712-12

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.5		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-13

York Sample ID: 14E0712-13

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	87	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS



Sample Information

Client Sample ID: FW-BM-13

York Sample ID: 14E0712-13

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS



Sample Information

Client Sample ID: FW-BM-13

York Sample ID: 14E0712-13

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:02	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %		67-130							
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %		75-127							
2037-26-5	Surrogate: Toluene-d8	99.5 %		90-112							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.2		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-14

York Sample ID: 14E0712-14

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS



Sample Information

Client Sample ID: FW-BM-14

York Sample ID: 14E0712-14

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
67-64-1	Acetone	ND		ug/kg dry	2.4	9.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS



Sample Information

Client Sample ID: FW-BM-14

York Sample ID: 14E0712-14

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 17:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %			75-127						
2037-26-5	Surrogate: Toluene-d8	103 %			90-112						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-15

York Sample ID: 14E0712-15

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS



Sample Information

Client Sample ID: FW-BM-15

York Sample ID: 14E0712-15

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
67-64-1	Acetone	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS



Sample Information

Client Sample ID: FW-BM-15

York Sample ID: 14E0712-15

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	75-127								
2037-26-5	Surrogate: Toluene-d8	107 %	90-112								



Sample Information

Client Sample ID: FW-BM-15

York Sample ID: 14E0712-15

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-16

York Sample ID: 14E0712-16

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS



Sample Information

Client Sample ID: FW-BM-16

York Sample ID: 14E0712-16

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
67-64-1	Acetone	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS



Sample Information

Client Sample ID: FW-BM-16

York Sample ID: 14E0712-16

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:29	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.6 %				67-130					
460-00-4	Surrogate: p-Bromofluorobenzene	113 %				75-127					
2037-26-5	Surrogate: Toluene-d8	103 %				90-112					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-17

York Sample ID: 14E0712-17

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS



Sample Information

Client Sample ID: FW-BM-17

York Sample ID: 14E0712-17

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS



Sample Information

Client Sample ID: FW-BM-17

York Sample ID: 14E0712-17

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 18:58	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	98.9 %			75-127						
2037-26-5	Surrogate: Toluene-d8	103 %			90-112						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.8		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-18

York Sample ID: 14E0712-18

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS



Sample Information

Client Sample ID: FW-BM-18

York Sample ID: 14E0712-18

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
67-64-1	Acetone	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS



Sample Information

Client Sample ID: FW-BM-18

York Sample ID: 14E0712-18

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %	75-127								
2037-26-5	Surrogate: Toluene-d8	100 %	90-112								



Sample Information

Client Sample ID: FW-BM-18

York Sample ID: 14E0712-18

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.2		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-19

York Sample ID: 14E0712-19

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS



Sample Information

Client Sample ID: FW-BM-19

York Sample ID: 14E0712-19

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
67-64-1	Acetone	2.6	J	ug/kg dry	2.6	10	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-09-2	Methylene chloride	2.7	J, B	ug/kg dry	2.6	10	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS



Sample Information

Client Sample ID: FW-BM-19

York Sample ID: 14E0712-19

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/21/2014 08:41	05/21/2014 19:56	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %		67-130							
460-00-4	Surrogate: p-Bromofluorobenzene	119 %		75-127							
2037-26-5	Surrogate: Toluene-d8	111 %		90-112							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-20

York Sample ID: 14E0712-20

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS



Sample Information

Client Sample ID: FW-BM-20

York Sample ID: 14E0712-20

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-09-2	Methylene chloride	3.7	J, B	ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS



Sample Information

Client Sample ID: FW-BM-20

York Sample ID: 14E0712-20

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:25	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			75-127						
2037-26-5	Surrogate: Toluene-d8	103 %			90-112						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-21

York Sample ID: 14E0712-21

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS



Sample Information

Client Sample ID: FW-BM-21

York Sample ID: 14E0712-21

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
67-64-1	Acetone	ND		ug/kg dry	2.4	9.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS



Sample Information

Client Sample ID: FW-BM-21

York Sample ID: 14E0712-21

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 20:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.1 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	75-127								
2037-26-5	Surrogate: Toluene-d8	103 %	90-112								



Sample Information

Client Sample ID: FW-BM-21

York Sample ID: 14E0712-21

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-22

York Sample ID: 14E0712-22

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS



Sample Information

Client Sample ID: FW-BM-22

York Sample ID: 14E0712-22

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS



Sample Information

Client Sample ID: FW-BM-22

York Sample ID: 14E0712-22

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:23	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %		67-130							
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %		75-127							
2037-26-5	Surrogate: Toluene-d8	97.6 %		90-112							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.1		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-23

York Sample ID: 14E0712-23

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS



Sample Information

Client Sample ID: FW-BM-23

York Sample ID: 14E0712-23

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
67-64-1	Acetone	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS



Sample Information

Client Sample ID: FW-BM-23

York Sample ID: 14E0712-23

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/21/2014 08:41	05/21/2014 21:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.1 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %			75-127						
2037-26-5	Surrogate: Toluene-d8	99.5 %			90-112						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.7		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK

Sample Information

Client Sample ID: FW-BM-24

York Sample ID: 14E0712-24

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS



Sample Information

Client Sample ID: FW-BM-24

York Sample ID: 14E0712-24

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	99	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
67-64-1	Acetone	ND		ug/kg dry	2.5	9.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS



Sample Information

Client Sample ID: FW-BM-24

York Sample ID: 14E0712-24

York Project (SDG) No.
14E0712

Client Project ID
BB04157

Matrix
Soil

Collection Date/Time
May 15, 2014 3:00 pm

Date Received
05/16/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	9.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/21/2014 08:41	05/21/2014 22:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	67-130								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	75-127								
2037-26-5	Surrogate: Toluene-d8	104 %	90-112								



Sample Information

Client Sample ID: FW-BM-24

York Sample ID: 14E0712-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0712

BB04157

Soil

May 15, 2014 3:00 pm

05/16/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ					
solids	* % Solids	93.6		%	0.100	0.100	1	SM 2540G	05/22/2014 09:08	05/23/2014 13:00	KK



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0712-08	FW-BM-08	40mL Vial with Stir Bar-Cool 4° C
14E0712-09	FW-BM-09	40mL Vial with Stir Bar-Cool 4° C
14E0712-10	FW-BM-10	40mL Vial with Stir Bar-Cool 4° C
14E0712-11	FW-BM-11	40mL Vial with Stir Bar-Cool 4° C
14E0712-12	FW-BM-12	40mL Vial with Stir Bar-Cool 4° C
14E0712-13	FW-BM-13	40mL Vial with Stir Bar-Cool 4° C
14E0712-14	FW-BM-14	40mL Vial with Stir Bar-Cool 4° C
14E0712-15	FW-BM-15	40mL Vial with Stir Bar-Cool 4° C
14E0712-16	FW-BM-16	40mL Vial with Stir Bar-Cool 4° C
14E0712-17	FW-BM-17	40mL Vial with Stir Bar-Cool 4° C
14E0712-18	FW-BM-18	40mL Vial with Stir Bar-Cool 4° C
14E0712-19	FW-BM-19	40mL Vial with Stir Bar-Cool 4° C
14E0712-20	FW-BM-20	40mL Vial with Stir Bar-Cool 4° C
14E0712-21	FW-BM-21	40mL Vial with Stir Bar-Cool 4° C
14E0712-22	FW-BM-22	40mL Vial with Stir Bar-Cool 4° C
14E0712-23	FW-BM-23	40mL Vial with Stir Bar-Cool 4° C
14E0712-24	FW-BM-24	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.





NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: ESI		☒ SAME	☒ SAME	Name: Brenda Wells	BB04157			RUSH-Same Day	Summary Report	☒	
Address: 24 Davis Avenue		Name:		Company:				RUSH-Next Day	QA Report		
Poughkeepsie, NY 12603		Address:			Purchase Order #			RUSH-Two Day	CT RCP		
Phone.: (845) 452-1658								RUSH-Three Day	CT RCP DQAD/DUE Pkg		
Contact: Scott Spitzer								RUSH-Four Day	NY ASP A Package		
E-mail:		E-mail:						Standard (5-7 day)	NY ASP B Package		
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. <i>Scott Spitzer</i> Samples Collected/Authorized By (Signature) <i>Scott Spitzer</i> Name (printed)				Volatiles		Semi-Vols.		Metals		Full Lists	
				8260 full 624 STARS list BTX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEF list App. IX STP or TCLP TCLP BNA STP or TCLP		RCRA8 FPI3 list TAL CT15 list TAGM list NIDEF list Total Dissolved STP or TCLP Indic. Metals LIST Below Helium		TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Mediane TAGM	
Matrix Codes				Oxygenates		Site Spec.		Site Spec.		GIS/KEY (std)	
S - soil				TCL list		TCLP list		TCLP list		YORK Regulatory Comp Excel	
Other - specify (oil, etc.)				TAGM list		TCLP list		TCLP list		compared to:	
WW - wastewater				CT RCP list		Arom. only		Dissolved		OTHER:	
GW - groundwater				Arom. only		Halog. only		Indic. Metals			
DW - drinking water				Halog. only		NIDEF list		LIST Below			
Air-A - ambient air				App. IX list		STP or TCLP		Helium			
Air-SV - soil vapor				8021B list		STP or TCLP		TAGM			
Analysis Requested (List above includes common analysis)				SVOCs 8270, TAL metals, Cr ⁶⁺ , cyanide, pesticides/PCBs, 2,4,5-TP Acid						1 X 8oz glass jar	
Matrix				Soil							
Date/Time Sampled				5/15/2014							
Sample Identification				FW-BM-01							
				FW-BM-02							
				FW-BM-03							
				FW-BM-04							
				FW-BM-05							
				FW-BM-06							
				FW-BM-07							
				FW-BM-08							
				FW-BM-09							
Preservation (check all applicable)				4°C		Frozen		HCl		HNO ₃	
				ZnAc		MeOH		Ascorbic Acid		NaOH	
Comments:				VOCs 8260						VOA kit, 4X40ml vials	
Special Instructions				Field Filtered ☐		Lab to Filter ☐				Temperature on Receipt 3.7 °C	
Samples Relinquished By				Date/Time						Date/Time	
Samples Relinquished By				Date/Time						Date/Time	



York Project No. 7170361

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type			
Company: ESI		☒ SAME	☒ SAME	Name: Brenda Wells	BB04157			RUSH-Same Day	Summary Report				
Address: 24 Davis Avenue		Name:		Company:				RUSH-Next Day	QA Report				
Poughkeepsie, NY 12603		Address:			Purchase Order #			RUSH-Two Day	CT RCP				
Phone.: (845) 452-1658								RUSH-Three Day	CT RCP DQ/DUE Pkg				
Contact: Scott Spitzer								RUSH-Four Day	NY ASP A Package				
E-mail:		E-mail:						Standard (5-7 day)	NY ASP B Package				
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.				Matrix Codes		Volatiles		Metals		Full Lists			
Scott Spitzer Samples Collected/Authorized By (Signature) Scott Spitzer Name (printed)				S - soil		8260 full		RCRA8		Pri. Poll.			
				Other - specify (oil, etc.)		624		PP13 list		TPH GRO		TCL Organics	
				WW - wastewater		Site Spec.		BN Only		TPH DRO		TAL	
				GW - groundwater		Nassau Co.		Addis Only		Dissolved		CT/ETPH	
				DW - drinking water		Suffolk Co.		PAH list		SPL or TCLP		NY 310-13	
				Air-A - ambient air		Ketones		TA GM list		Full App IX			
				Air-SV - soil vapor		TCL list		Site Spec.		Part 360 Routine			
						TAGM list		SPL or TCLP		Part 360 Routine			
						CT RCP list		TCLP Herb		Part 360 Routine			
						Arom. only		TCLP Pest		Part 360 Routine			
						Halog. only		SPL or TCLP		Part 360 Routine			
						App IX list		Chlordane		Part 360 Routine			
						8021B list		608 Pest		Part 360 Routine			
								SPL or TCLP		Part 360 Routine			
								608 PCB		Part 360 Routine			
								SPL or TCLP		Part 360 Routine			
								608 PCB		Part 360 Routine			
								SPL or TCLP		Part 360 Routine			
								608 PCB		Part 360 Routine			
								SPL or TCLP		Part 360 Routine			
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								SPL or TCLP		Part 360 Routine			
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								SPL or TCLP		Part 360 Routine			
								608 PCB		Part 360 Routine			
								SPL or TCLP		Part 360 Routine			
								608 PCB		Part 360 Routine			
								SPL or TCLP					



York Project No. 1420+12

YOUR INFORMATION			Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: ESI Address: 24 Davis Avenue Poughkeepsie, NY 12603 Phone.: (845) 452-1658 Contact: Scott Spitzer E-mail:			SAME [X] Name: Company: Address: E-mail:		NAME: Brenda Wells Company: Address: E-mail:		BB04157 Purchase Order #		RUSH-Same Day RUSH-Next Day RUSH-Two Day RUSH-Three Day RUSH-Four Day Standard (5-7day)		Summary Report QA Report CT RCP CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package NJDEP Reduced Deliv Excel NYSDEC EQUIS NJDEP SRP HazSite EQUIS GIS/KEY (std) YORK Regulatory Comp Excel compared to: OTHER:	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>Scott Spitzer</u> Name (printed)												
Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)									
FW-BM-19	5/15/2014	Soil	VOCs 8260									
FW-BM-20												
FW-BM-21												
FW-BM-22												
FW-BM-23												
FW-BM-24												
Comments:			4°C [X] Frozen HCl MeOH HNO ₃ NaOH ZnAc Ascorbic Acid Other									
Preservation (check all applicable)			Date/Time Received By: <u>Cherie 5-16-14</u> 12:15 Samples Relinquished By: <u>M Cn 5/16/14</u> Date/Time Samples Relinquished By: _____ Date/Time Samples Relinquished By: _____ Date/Time									
Special Instructions			Field Filtered ☐ Lab to Filter ☐									
Temperature on Receipt			3.7 °C									



EROSION CONTROL PLAN

EROSION CONTROL SEQUENCE

1. OVERALL SITE
 - INSTALL GATE AT NORTHEAST ENTRANCE
 - INSTALL GATE AT SOUTHWEST ENTRANCE
 - INSTALL CONSTRUCTION ENTRANCE NEAR SOUTH ROAD
 - INSTALL SILT FENCE AROUND PROPOSED CLEAN FILL STOCKPILE LOCATION
 - SEED TILL WITH FAST GERMINATING RYE
2. EXCAVATION AREA #1
 - INSTALL CONSTRUCTION ENTRANCE NEAR SOUTH ROAD
 - INSTALL SECURITY FENCING TO PROTECT WORK AREA
 - PREPARE STOCKPILE LOCATIONS
3. EXCAVATION AREA #2
 - INSTALL CONSTRUCTION ENTRANCE NEAR SOUTH ROAD
 - BE USED FOR EQUIPMENT ACCESS
4. EXCAVATION AREA #3
 - INSTALL DOWNHILL SILT FENCE BEFORE CLEARING AND GRUBBING WORK AREA
 - INSTALL CONSTRUCTION ENTRANCE AT TOP OF ACCESS DRIVE TO EXCAVATION AREA 2
5. EXCAVATION AREA #4
 - USE EQUIPMENT DECONTAMINATION PAD FROM WORK ON EXCAVATION AREA 2

EROSION CONTROL NOTES

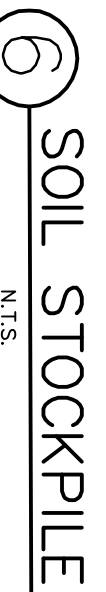
1. THESE PLANS INDICATE THE PROPOSED CONTROLS TO BE FOLLOWED. WORKING CONDITIONS MAY VARY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES TO BE UTILIZED.
2. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN AND ANY REQUIRED MAINTENANCE SHALL BE DONE AT THAT TIME.
3. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL ALL MATERIAL HAS BEEN REMOVED FROM THE SITE.
4. ALL STOCKPILES ARE TO BE SURROUNDED BY A SILT FENCE AND ALL PILES ARE TO BE STABILIZED WITH TEMPORARY SEEDING.
5. ALL DISTURBED AREAS WITH SLOPES GREATER THAN 4H:1V (10%), SHALL HAVE TEMPORARY SEEDING OF FAST GERMINATING RYE, 10 TO 15 #/S PER 1000 SQ. FT.
6. ALL DISTURBED AREAS WITH SLOPES GREATER THAN 4H:1V, SHALL BE MULCHED WITH 2 INCHES OF MULCH.
7. DISTURBED AREAS ARE TO BE PERMANENTLY STABILIZED BY ESTABLISHING A PERMANENT VEGETATIVE COVER. THE EXPOSED AREA WILL ENTER THE FOLLOWING MATURES OR ANOTHER OWNER APPROVED MATURE.
8. PERMANENT SEEDING & FALL PLANTINGS:
 - (BEFORE MAY 15 AND AFTER AUGUST 15)
 - 0.8 LBS/1000 S.F. PERMANENT RYE GRASS
 - 0.8 LBS/1000 S.F. PERMANENT RYE GRASS
 - 2.0 LBS/1000 S.F. KENTUCKY BLUEGRASS BLEND
 - (BETWEEN MAY 15 AND AUGUST 15)
 - 0.7 LBS/1000 S.F. PERMANENT RYE GRASS
 - 0.7 LBS/1000 S.F. PERMANENT RYE GRASS
 - (7 TO 15 SEEDS PER 1000 S.F. PERMANENT RYE GRASS)

NOTES FOR STOCKPILE CONTAMINATED SOIL

1. AVOID STOCKPILING CONTAMINATED SOIL IF POSSIBLE.
2. PLACE 9 WALL POLYETHYLENE SHEETING UNDER THE STOCKPILE.
3. INSTALL SILT FENCE AROUND THE PERIMETER OF THE STOCKPILE.
4. STOCKPILE SOIL WITH PLASTIC SHEETING OR TARPES ANCHORED TO THE GROUND.
5. DO NOT STOCKPILE NEAR STREAM DRAINS OR WATER COURSES.

SOIL STOCKPILE

N.T.S.



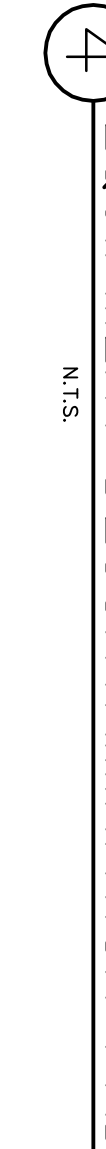
INFILTRATION SYSTEM AND RECHARGE PIT

N.T.S.



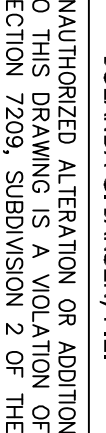
TRUCK DECONTAMINATION PAD

N.T.S.



STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
2. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
3. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
4. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
5. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
6. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
7. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
8. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
9. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.
10. STONE SIZE - USE 2" STONE OR SMALLER ON VERTICAL CONCRETE FOUNDATION.



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