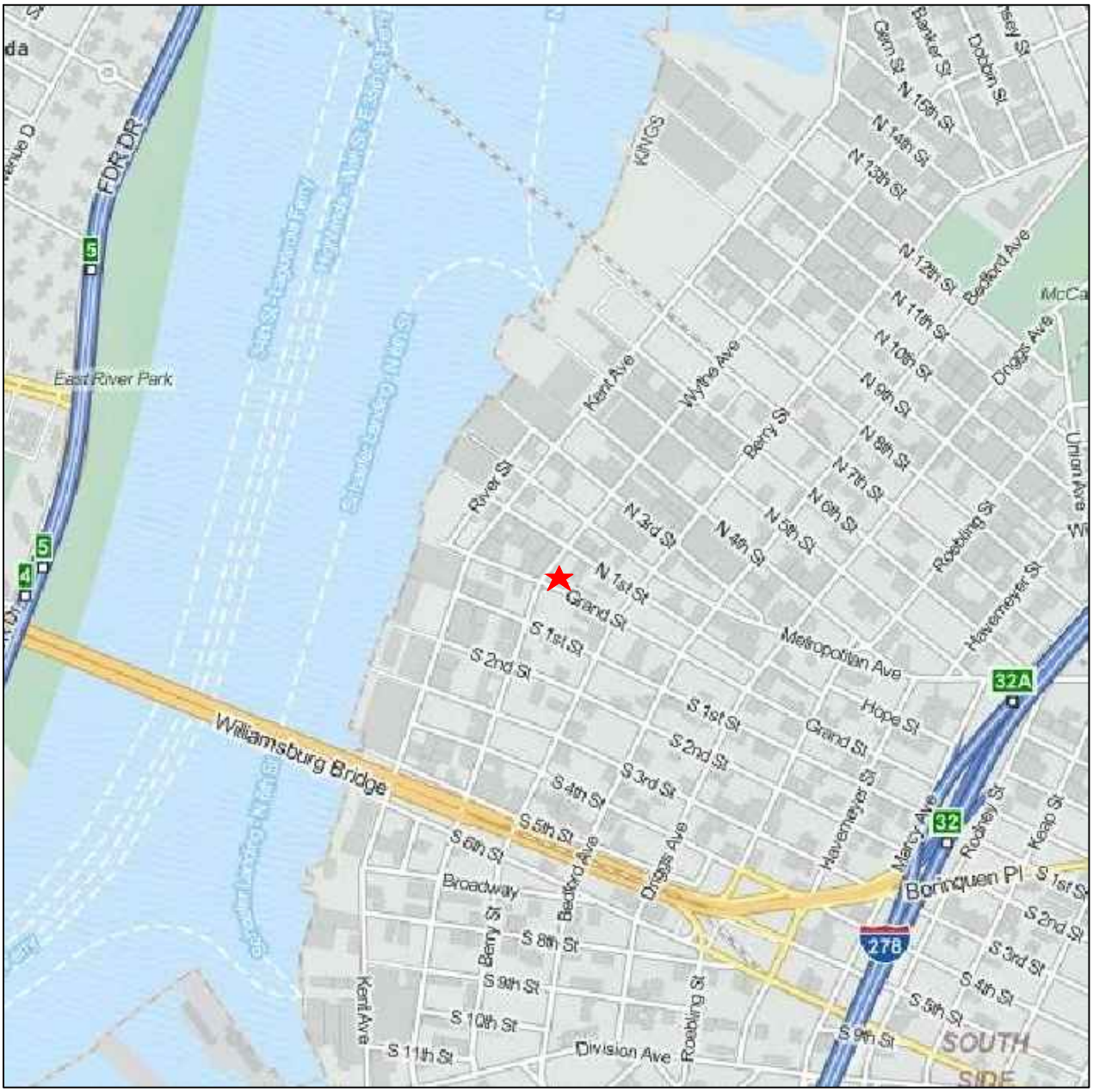
FIGURES



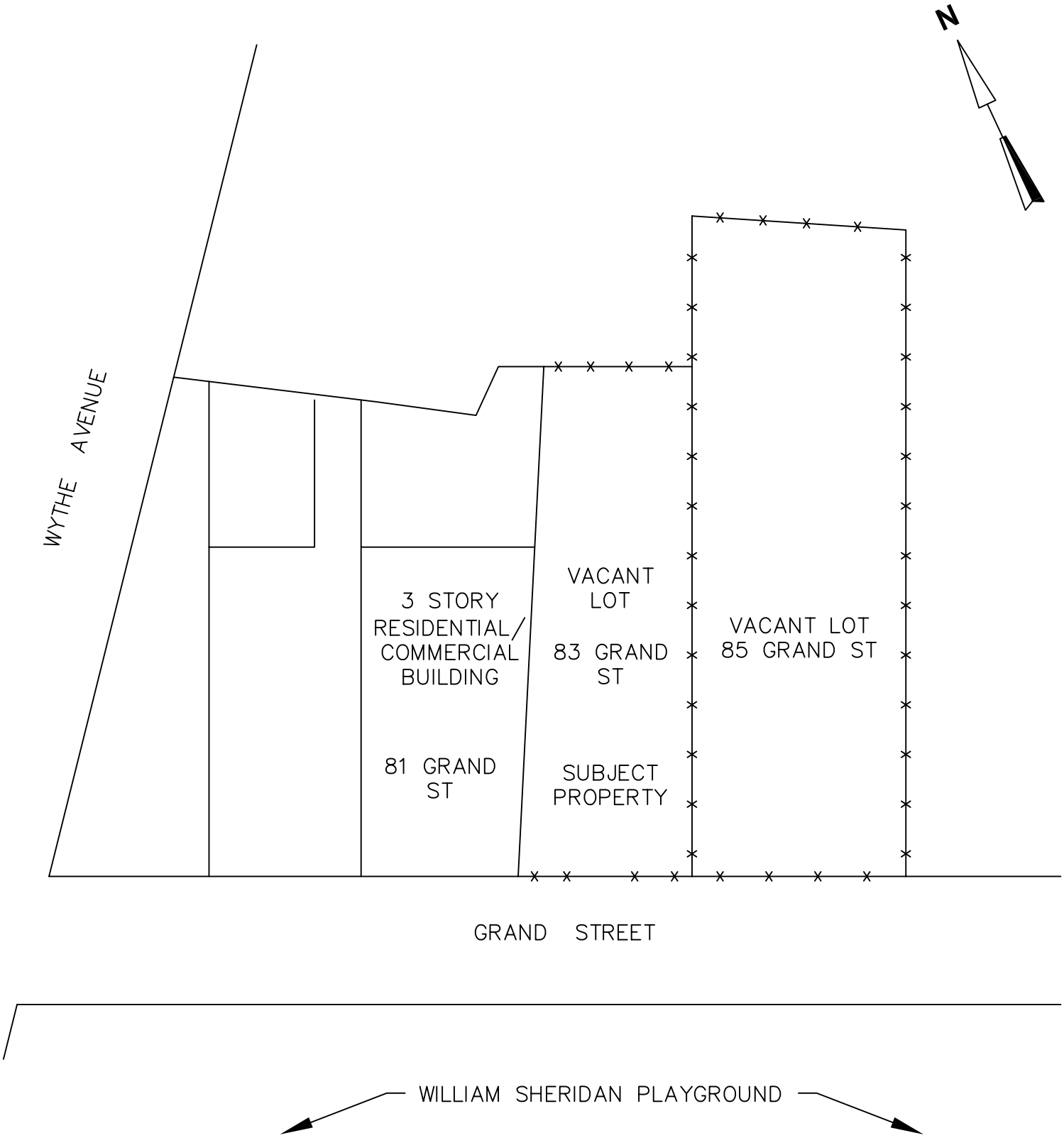
★ - SITE LOCATION

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 1
SITE LOCATION MAP

DATE: 10/7/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141344

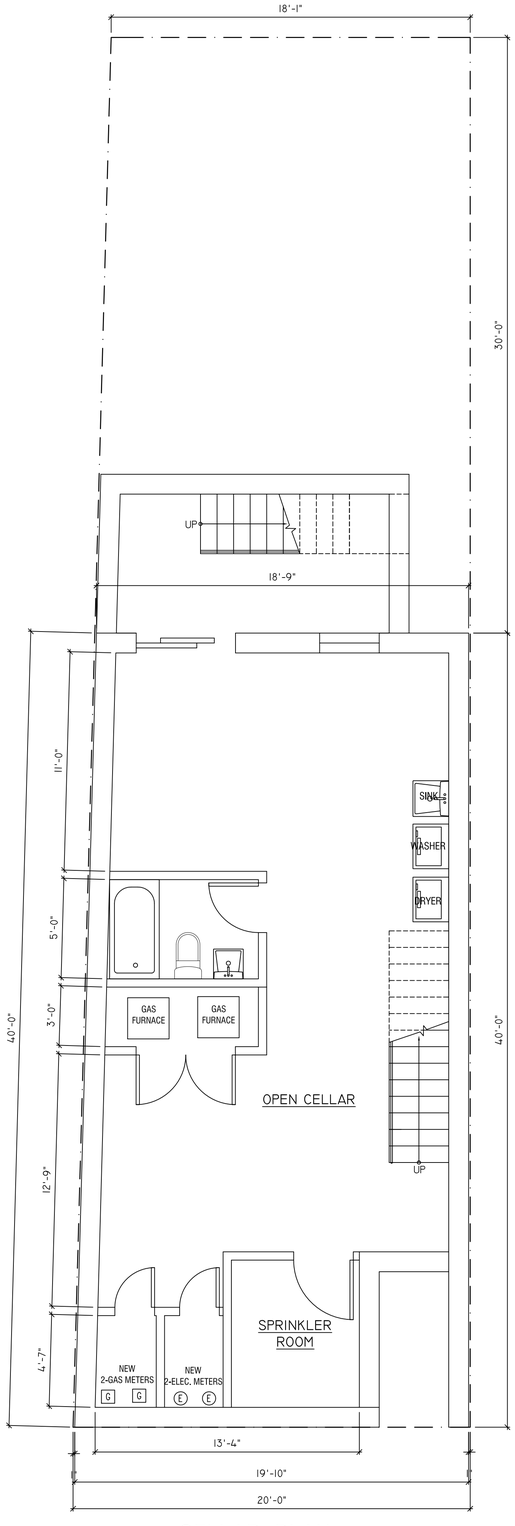


ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

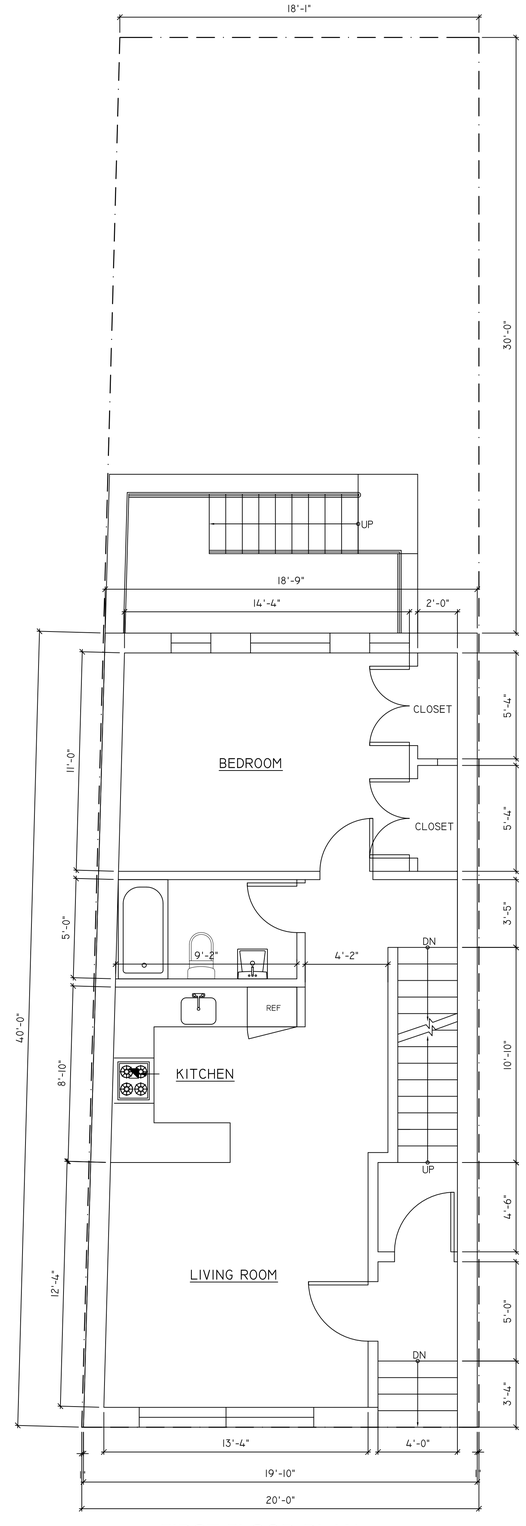
1503 Wave Avenue, Medford NY 11763

FIGURE 2
SITE MAP

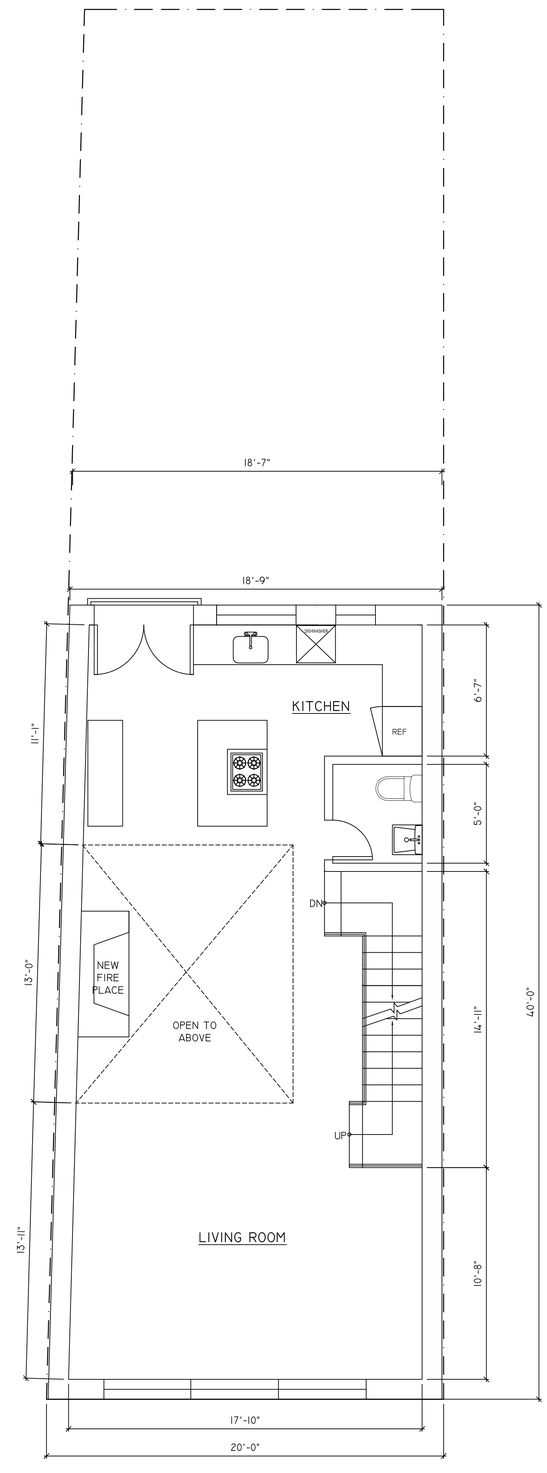
DATE: 7/14/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH–141327



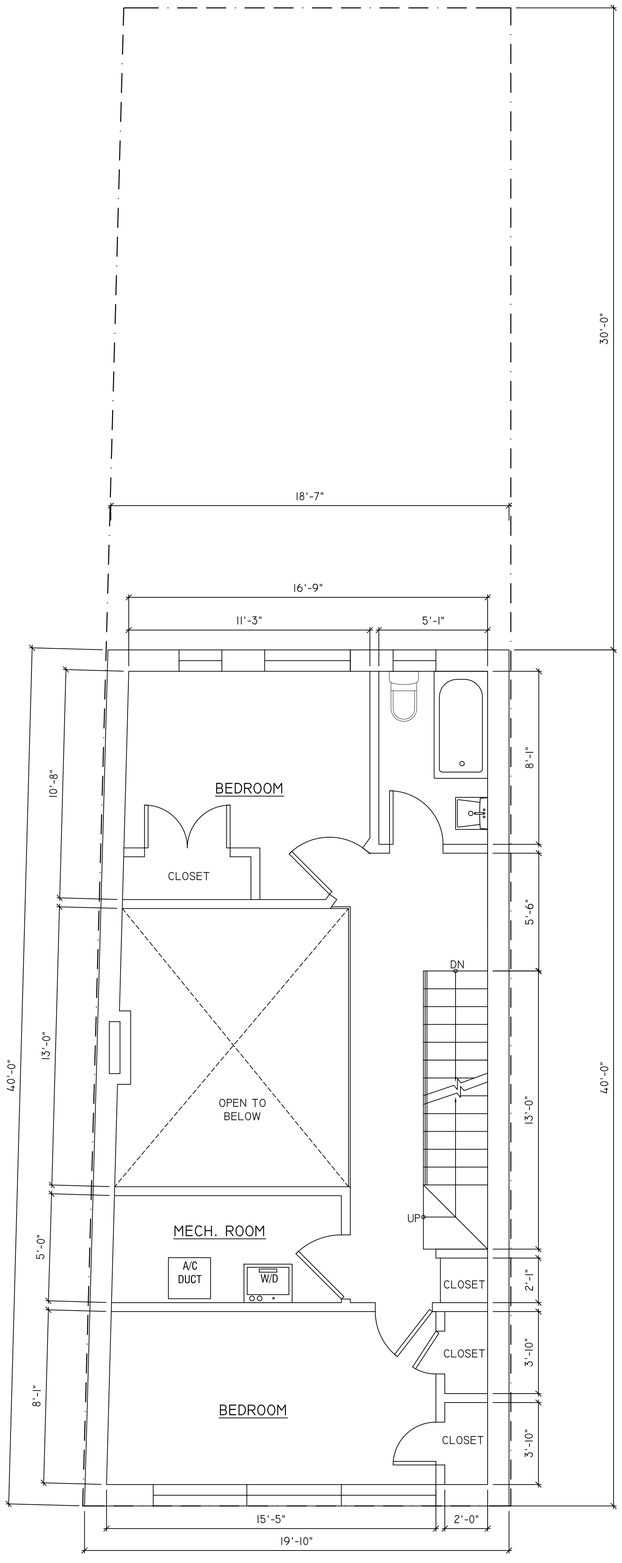
CELLAR PLAN



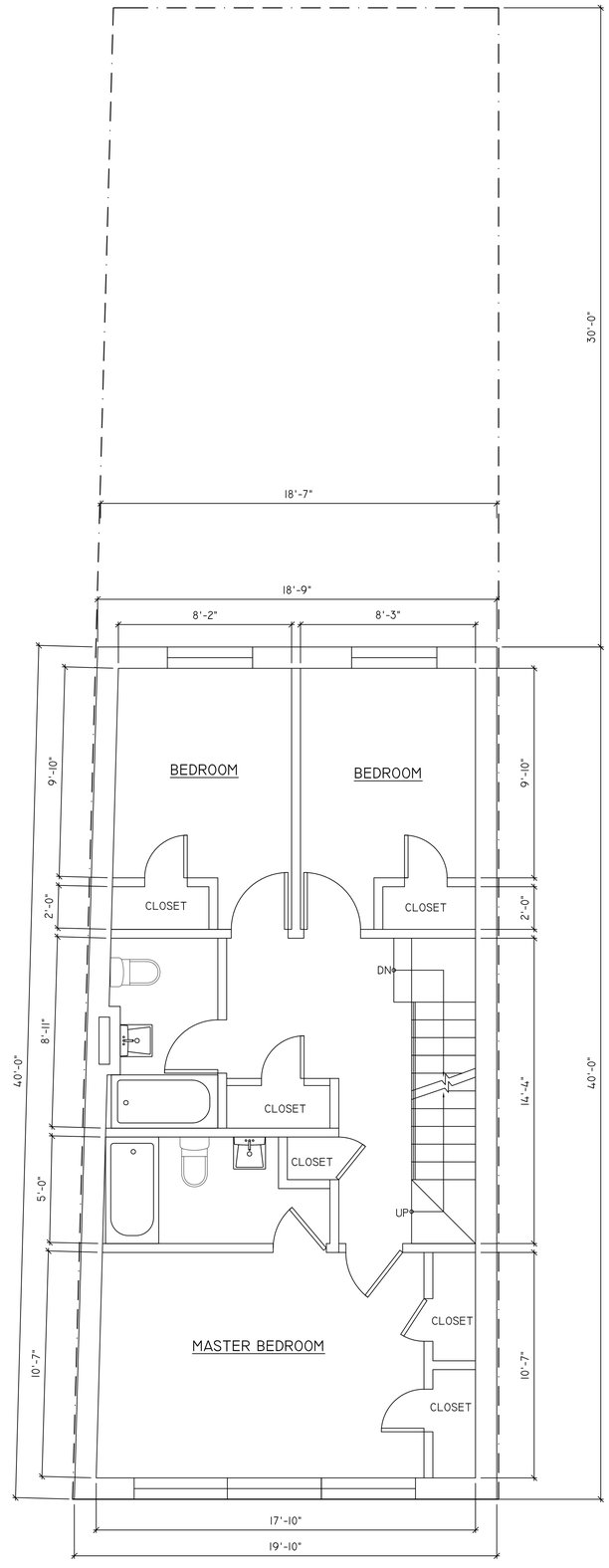
FIRST FLOOR PLAN



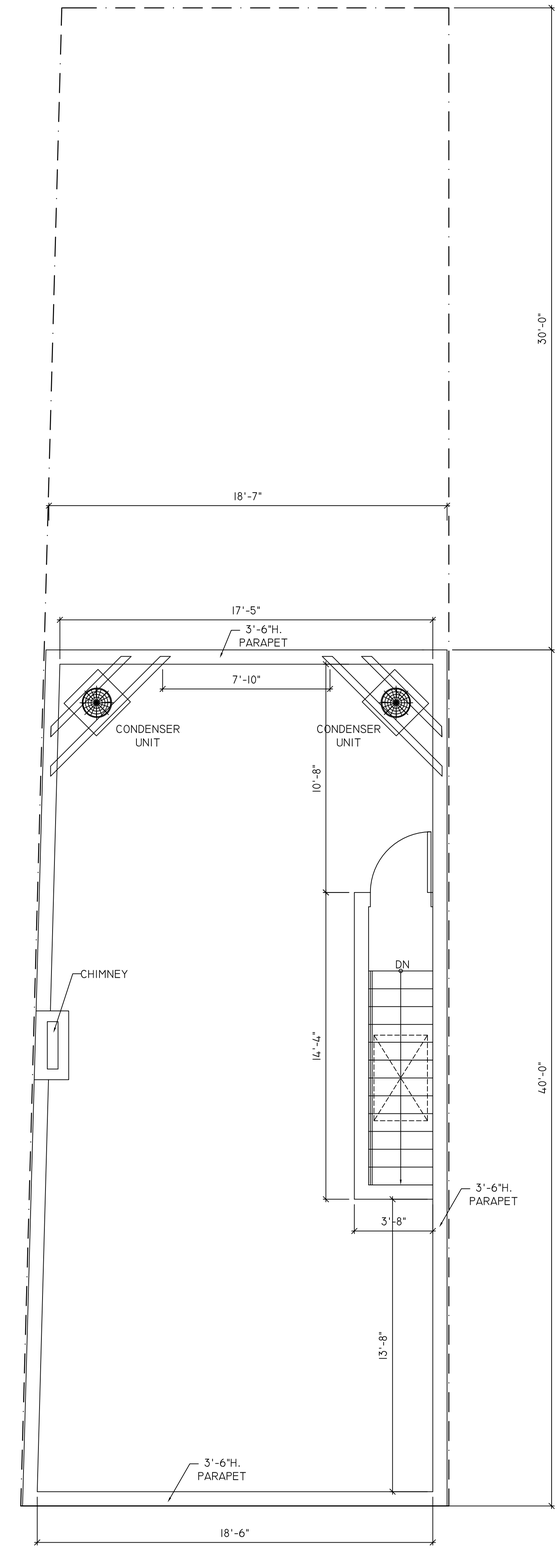
SECOND FLOOR PLAN



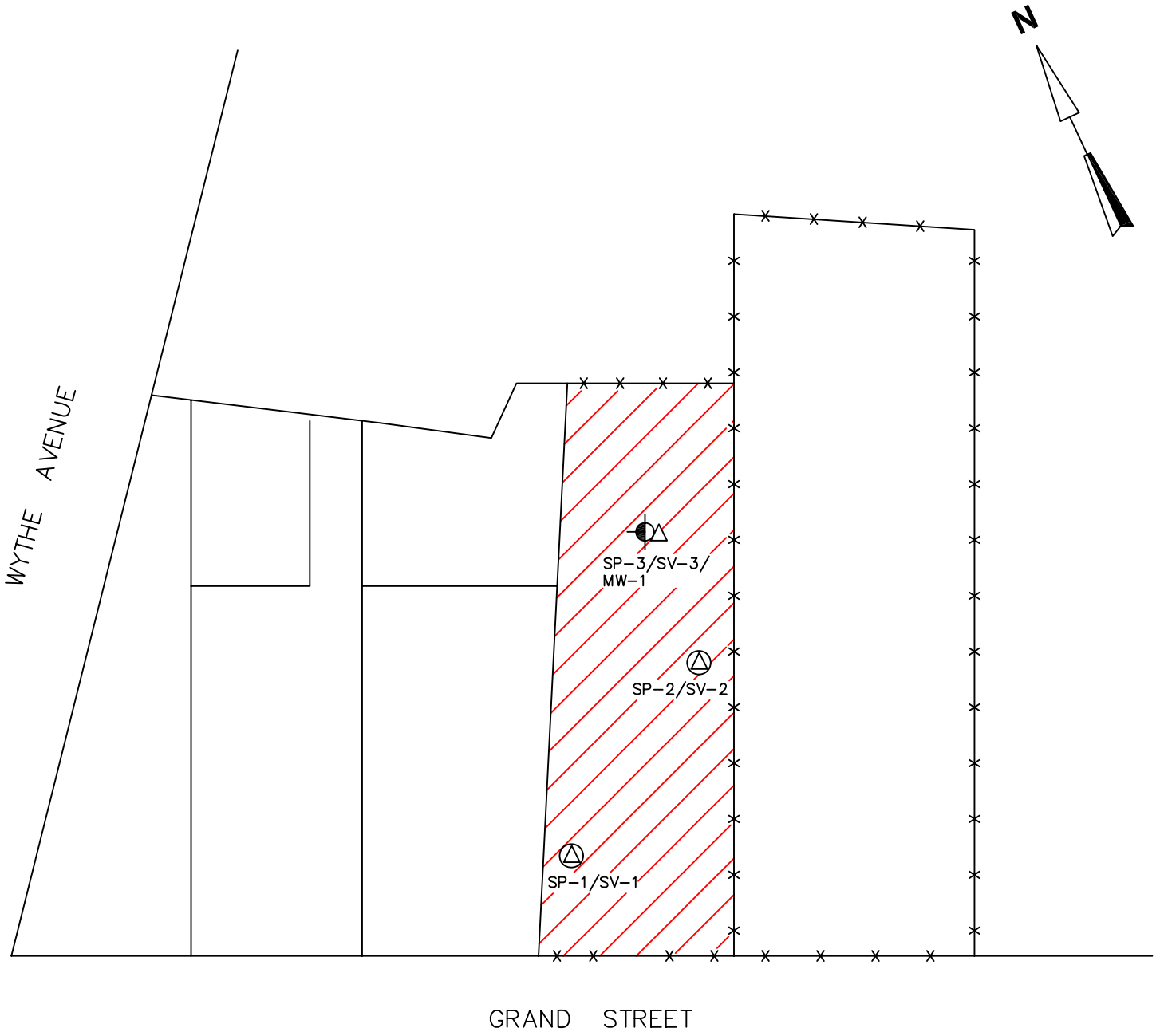
THIRD FLOOR PLAN



FOURTH FLOOR PLAN



ROOF PLAN



LEGEND

SP-1/SV-1
– SOIL PROBE / SOIL VAPOR POINT

SP-3/SV-3/MW-1
– SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION

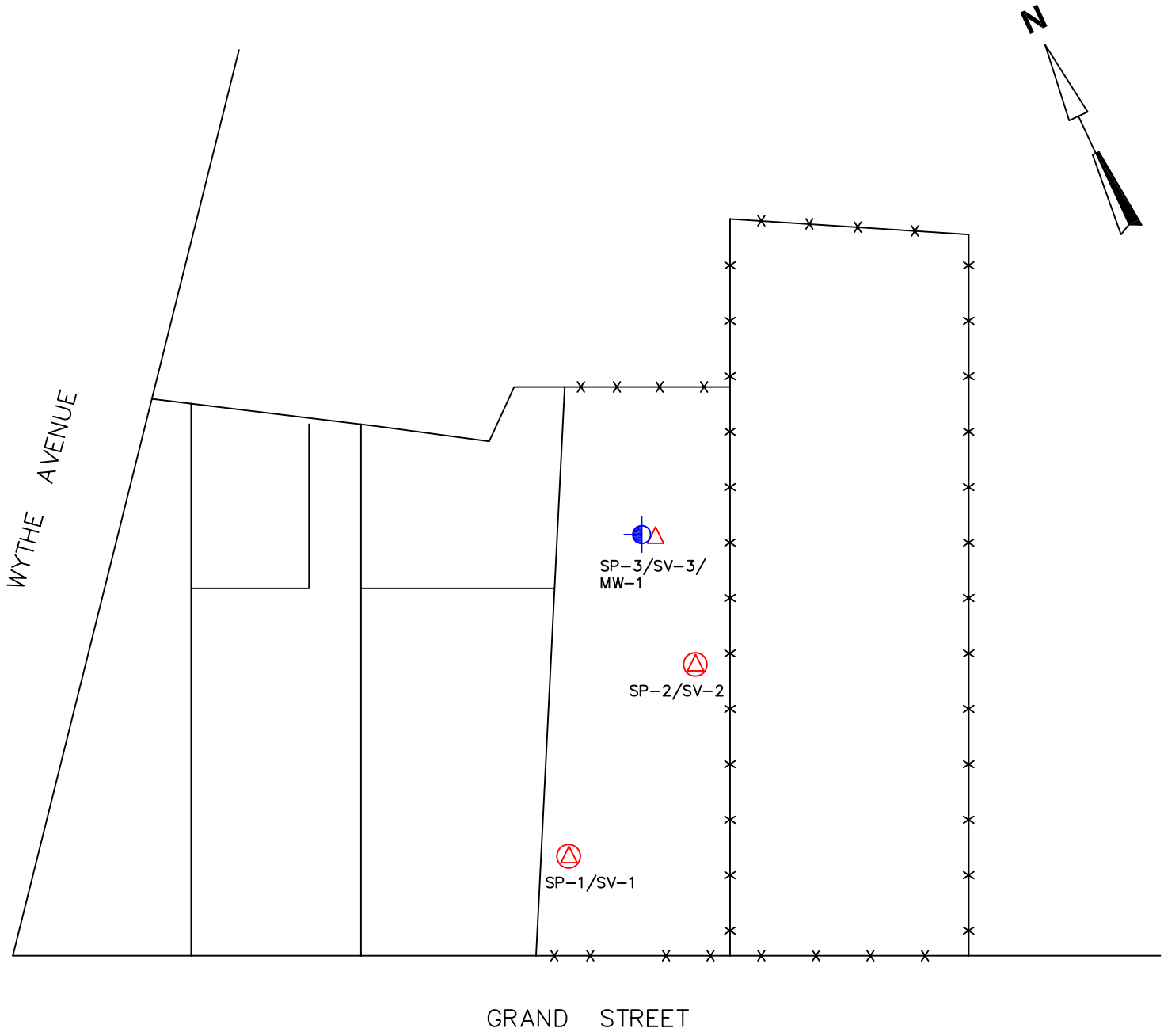
– AREA OF CONCERN

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 4
MAP OF AREA OF CONCERN

DATE: 7/14/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-141327



LEGEND

SP-1/SV-1
– SOIL PROBE / SOIL VAPOR POINT

SP-3/SV-3/MW-1
– SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

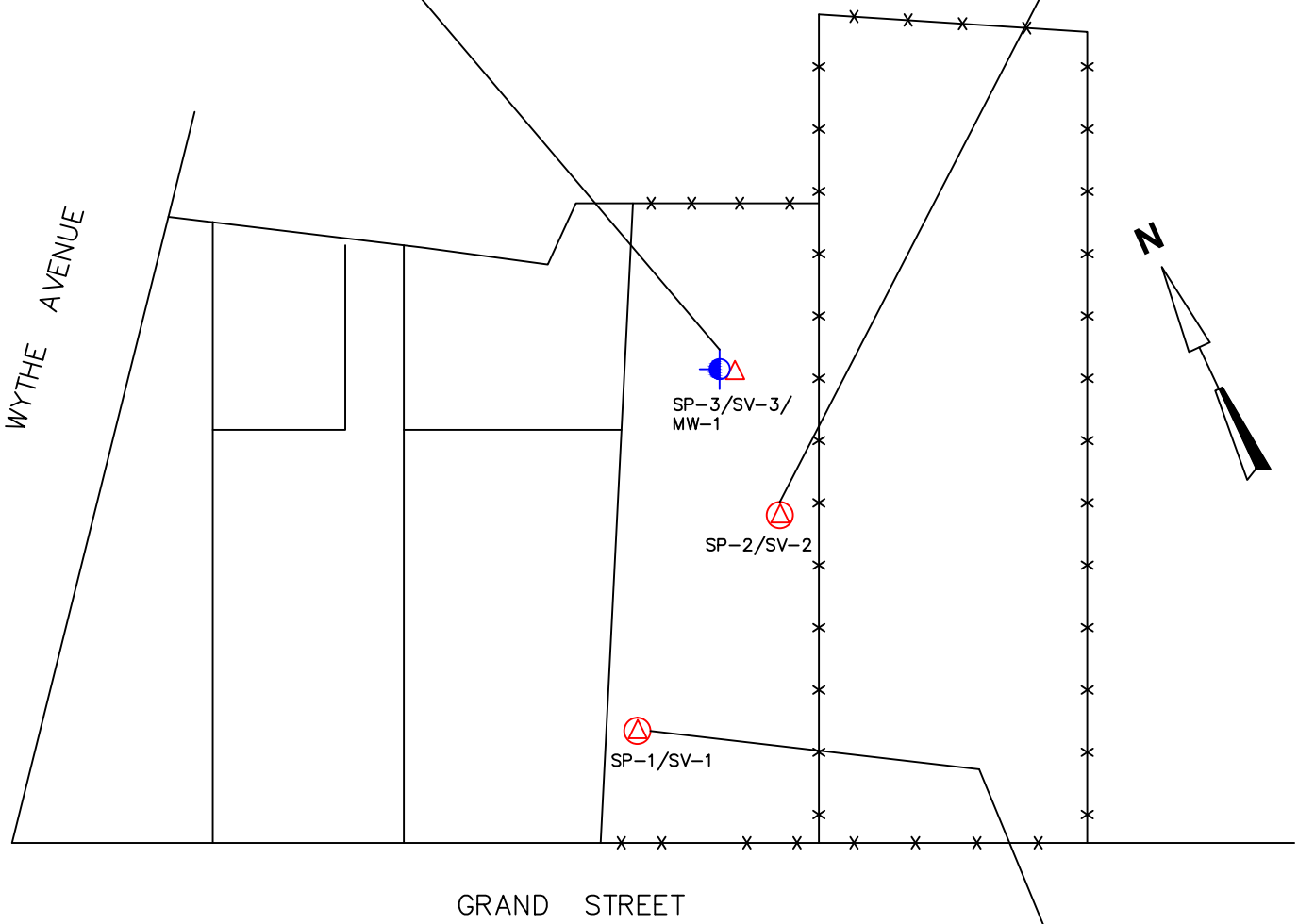
1503 Wave Avenue, Medford NY 11763

FIGURE 5
LOCATION OF SOIL PROBE, WELL & SOIL VAPOR POINTS

DATE: 7/14/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-141327

SP-3				
DEPTH	0'-2'	2'-4'		
SVOC	ug/kg	ug/kg	UUSCO	RUSCO
BENZO(A)ANTHRACENE	4,940	6,550	1,000	1,000
BENZO(A)PYRENE	4,270	5,470	1,000	1,000
BENZO(B)FLUORANTHENE	4,300	8,080	1,000	1,000
BENZO(K)FLUORANTHENE	5,250	6,720	800	1,000
CHRYSENE	4,940	6,470	1,000	1,000

SP-2			
DEPTH	0'-2'		
SVOC	ug/kg	UUSCO	RUSCO
BENZO(A)ANTHRACENE	6,260	1,000	1,000
BENZO(A)PYRENE	5,890	1,000	1,000
BENZO(B)FLUORANTHENE	4,900	1,000	1,000
BENZO(K)FLUORANTHENE	6,150	800	1,000
CHRYSENE	6,380	1,000	1,000



SP-1			
DEPTH	0'-2'	10'-12'	10'-12' DVP
SVOC	BGV	BGV	BGV

LEGEND

- SOIL PROBE / SOIL VAPOR POINT
- SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION
- UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
- RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
- SVOCs – SEMI-VOLATILE ORGANIC COMPOUNDS
- BGV – BELOW GUIDANCE VALUES
- VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVES

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 6
MAP OF SOIL CHEMISTRY (SVOCs)

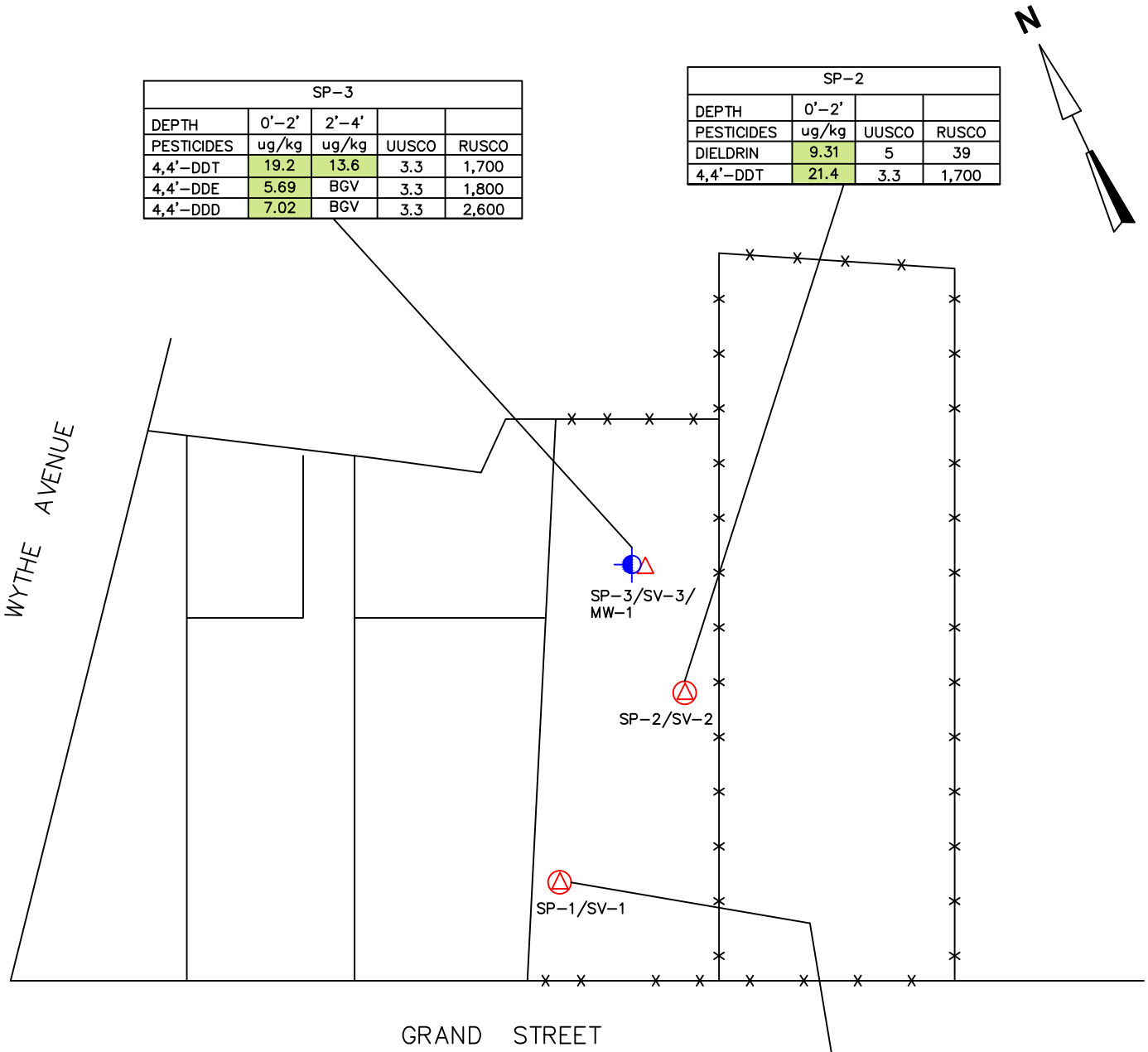
DATE: 8/18/14
GEOLOGIST: D.O.
DRAWN BY: J.F.

83 GRAND STREET
BROOKLYN, NY 11211

FILE NO: AH-141327

SP-3				
DEPTH	0'-2'	2'-4'		
PESTICIDES	ug/kg	ug/kg	UUSCO	RUSCO
4,4'-DDT	19.2	13.6	3.3	1,700
4,4'-DDE	5.69	BGV	3.3	1,800
4,4'-DDD	7.02	BGV	3.3	2,600

SP-2			
DEPTH	0'-2'		
PESTICIDES	ug/kg	UUSCO	RUSCO
DIELDRIN	9.31	5	39
4,4'-DDT	21.4	3.3	1,700



SP-1			
DEPTH	0'-2'		
PESTICIDES	ug/kg	UUSCO	RUSCO
4,4'-DDT	17.7	3.3	1,700
4,4'-DDE	7.64	3.3	1,800
4,4'-DDD	5.58	3.3	2,600

LEGEND

- SOIL PROBE / SOIL VAPOR POINT
- SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION
- UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
- RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
- BGV – BELOW GUIDANCE VALUES
- VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVES

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

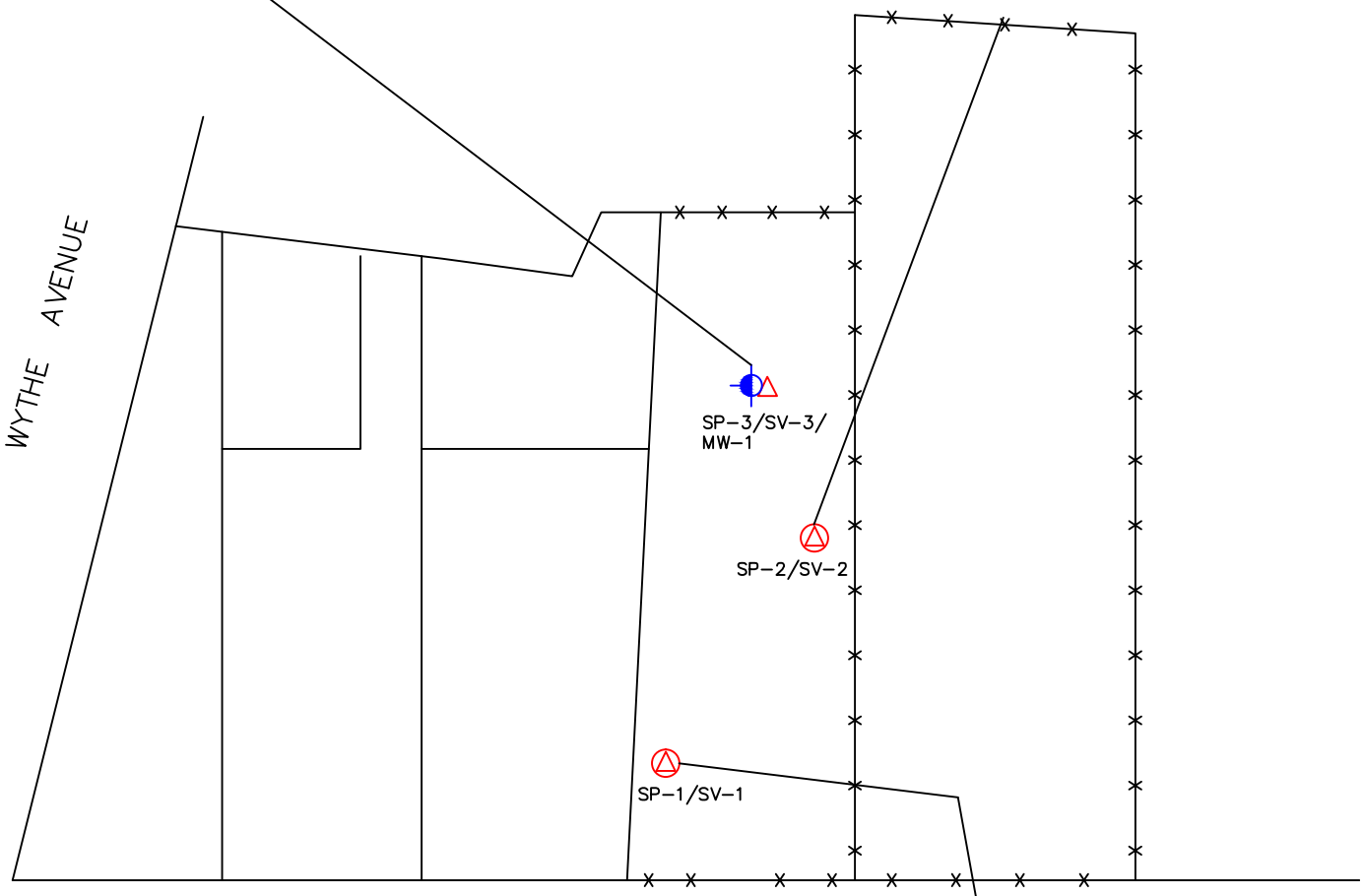
FIGURE 7

MAP OF SOIL CHEMISTRY RESULT (PESTICIDES)

DATE: 8/18/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-141327

SP-3				
DEPTH	0'-2'	2'-4'		
METALS	mg/kg	mg/kg	UUSCO	RUSCO
ARSENIC	BGV	15.5	13	16
BARIUM	BGV	1,290	350	350
CADMIUM	5.14	11.7	2.5	2.5
COPPER	BGV	411	50	270
LEAD	356	1,040	63	400
NICKEL	24.5	39.5	30	140
ZINC	316	1,270	109	2,200
MERCURY	0.223	0.834	0.18	0.81

SP-2			
DEPTH	0'-2'		
METALS	mg/kg	UUSCO	RUSCO
CADMIUM	BGV	2.5	2.5
COPPER	BGV	50	270
LEAD	5.14	63	400
NICKEL	BGV	30	140
ZINC	356	109	2,200



SP-1			
DEPTH	10'-12'		
METALS	mg/kg	UUSCO	RUSCO
LEAD	110	63	400
ZINC	132	109	2,200

LEGEND

- SOIL PROBE / SOIL VAPOR POINT
- SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION
- UUSCO – UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
- RUSCO – RESTRICTED USE SOIL CLEANUP OBJECTIVE
- BGV – BELOW GUIDANCE VALUES
- EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVES (UUSCO)
- EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVES (RUSCO)

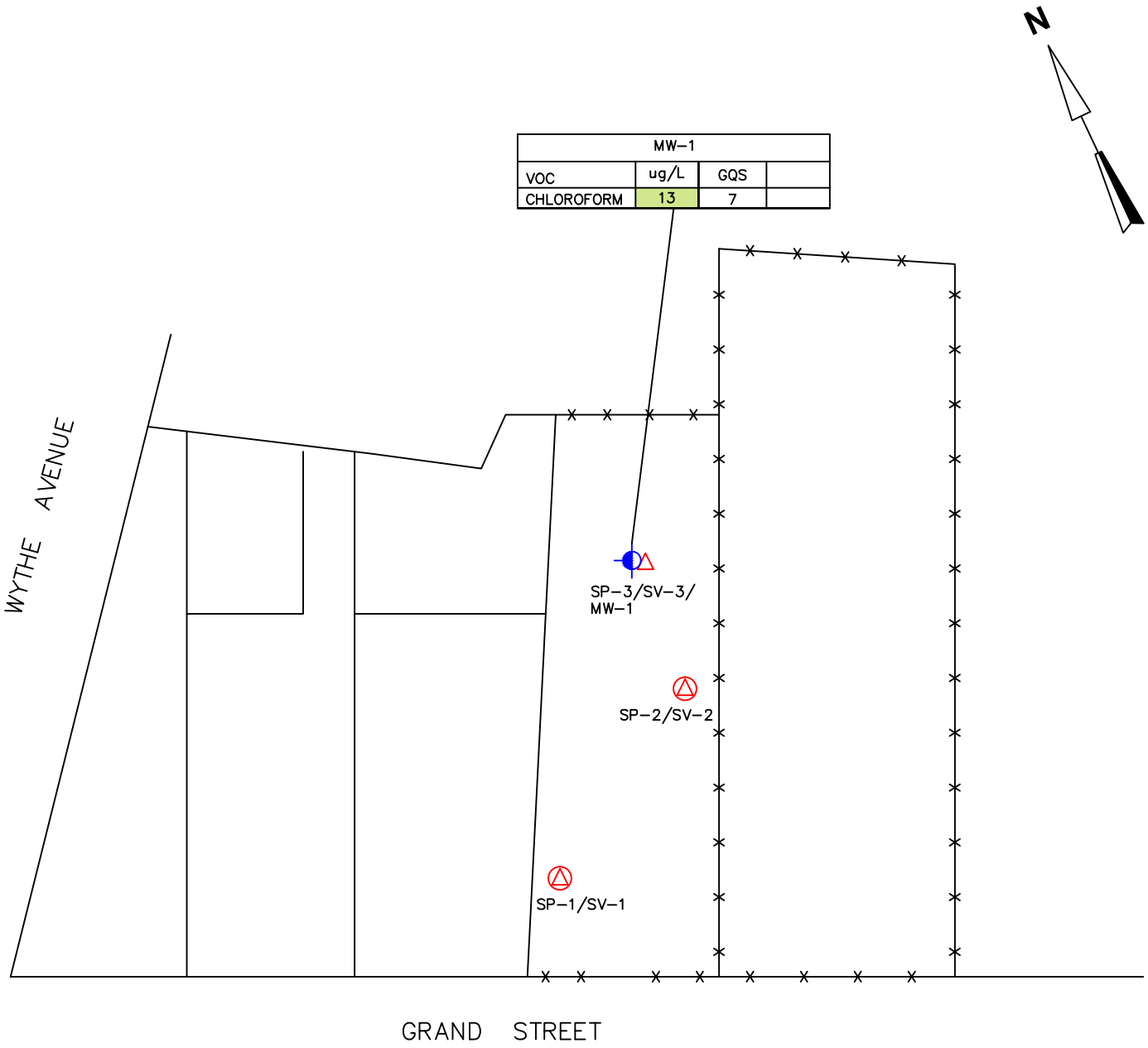
ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 8

MAP OF SOIL CHEMISTRY RESULT (METALS)

DATE: 8/18/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-141327



LEGEND

- SOIL PROBE / SOIL VAPOR POINT
- SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION

VOCs – VOLATILE ORGANIC COMPOUNDS
GQS – GROUNDWATER QUALITY STANDARDS
VALUES SHADED EXCEED THE NYSEC GROUNDWATER QUALITY STANDARDS

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

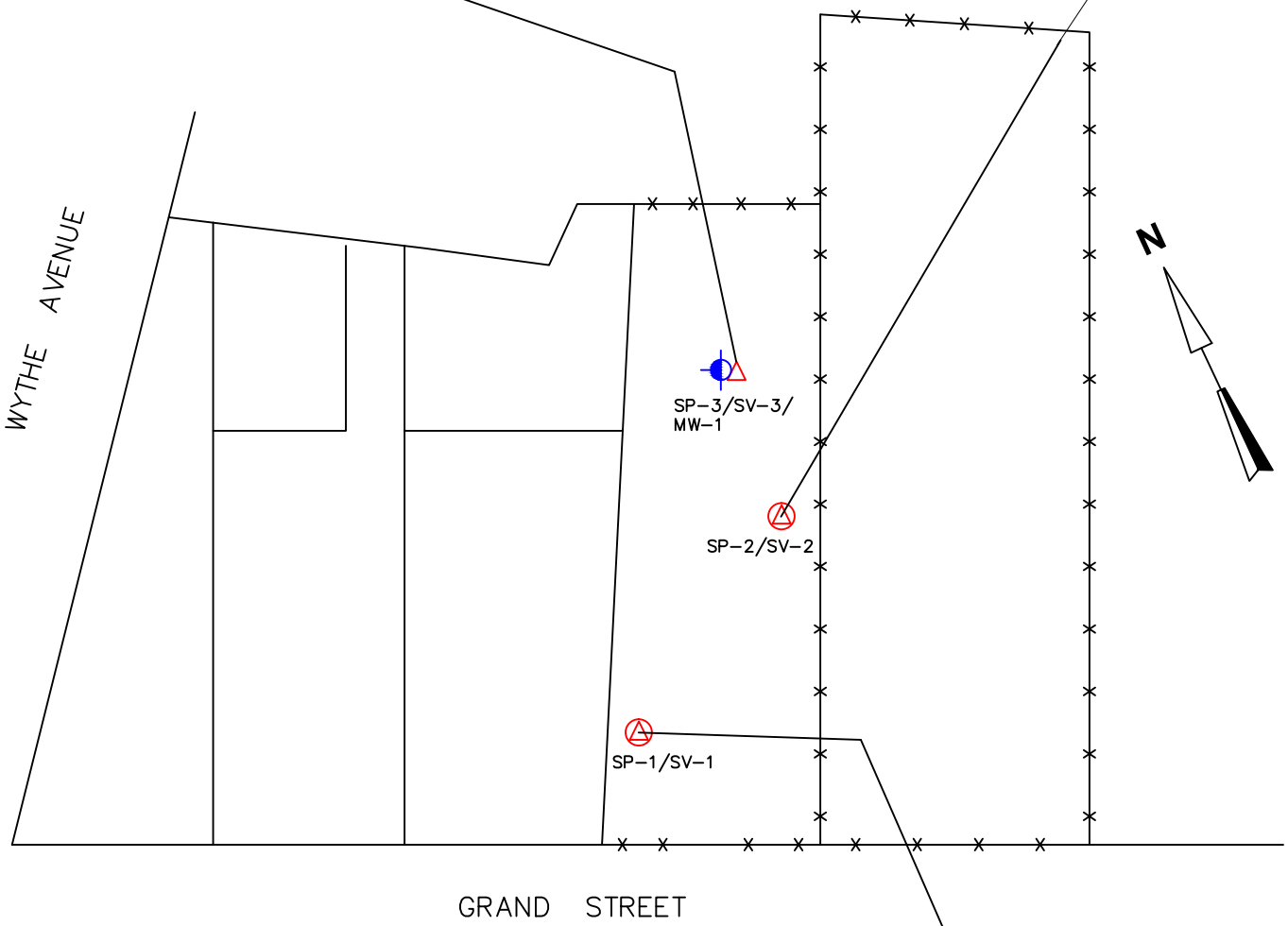
FIGURE 9

MAP OF GROUNDWATER CHEMISTRY RESULT
(VOLATILE ORGANIC COMPOUNDS)

DATE: 8/18/14	83 GRAND STREET BROOKLYN, NY 11211
GEOLOGIST: D.O.	
DRAWN BY: J.F.	FILE NO: AH-141327

SV–3		
VOCS	ug/m³	NYSDOH OUTDOOR STD
TOLUENE	37	0.6 – 2.4
ETHYLBENZENE	7.8	<0.25 – 0.5
ACETONE	70	3.4 – 14
2–BUTANONE	16	0.8 – 2.6
1,2,4–TRIMETHLYBENZENE	12	<0.2 – 0.8

SV–2		
VOCS	ug/m³	NYSDOH OUTDOOR STD
TOLUENE	71	0.6 – 2.4
O–XYLENE	20	<0.25 – 0.7
N–HEXANE	2,800	<0.25 – 1.0
N–HEPTANE	1,100	<0.25 – 1.9
ETHYLBENZENE	15	<0.25 – 0.5
CYCLOHEXANE	7.2	<0.25 – 0.4
ACETONE	530	3.4 – 14
2–BUTANONE	92	0.8 – 2.6
1,2,4–TRIMETHLYBENZENE	16	<0.25 – 0.8



SV–1		
VOCS	ug/m³	NYSDOH OUTDOOR STD
TOLUENE	62	0.6 – 2.4
TETRAHYDROFURAN	20	<0.25
O–XYLENE	13	<0.25 – 0.7
N–HEXANE	46	<0.25 – 1.0
N–HEPTANE	11	<0.25 – 1.9
METHYL CHLORIDE	80	<0.25 – 0.7
ETHYLBENZENE	11	<0.25 – 0.5
ACETONE	470	3.4 – 14
2–BUTANONE	72	0.8 – 2.6
1,2,4–TRIMETHLYBENZENE	11	<0.25 – 0.8

LEGEND

– SOIL PROBE / SOIL VAPOR POINT

– SOIL PROBE / SOIL VAPOR / GROUNDWATER MONITORING WELL LOCATION

VALUES SHADED EXCEED THE RECOMMENDED SOIL CLEANUP OBJECTIVES

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

1503 Wave Avenue, Medford NY 11763

FIGURE 10
MAP OF SOIL VAPOR CHEMISTRY RESULTS

DATE: 8/18/14
GEOLOGIST: D.O.
DRAWN BY: J.F.

83 GRAND STREET
BROOKLYN, NY 11211

FILE NO: AH–141327

TABLES

TABLE 1
Construction Details for Soil Borings and Monitoring Wells
83 Grand Street, Brooklyn NY

	Identification Number	Date of construction	Total Depth (ft)	Diameter (in)	Ground surface elevation (ft)	Screened interval (ft)	Construction Material	Depth to Water	GPS Coordinates
Soil Probes	SP-1	5/22/14	12	2	36	-	Geoprobe	-	40°42’56.61”N 73°57’50.46”W
	SP-2	5/22/14	12	2	35	-	Geoprobe	-	40°42’56.73”N 73°57’50.33”W
	SP-3	5/22/14	12	2	34	-	Geoprobe	-	40°42’57.04”N 73°57’50.18”W
Monitoring Well	MW-1	6/04/14	50	2	34	30	PVC	41.50	40°42’57.04”N 73°57’50.18”W

Table 2
Soil Analytical Results for Volatile Organic Compounds (µg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0'- 2'	10' - 12'	0' - 2'	2' - 4'		
Sample Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Acetone	12	ND	ND	ND	ND	44	ND	50	100,000
Benzene	ND	ND	ND	ND	ND	ND	ND	60	2,900
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND		
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND		
Bromoform	ND	ND	ND	ND	ND	ND	ND		
Bromomethane	ND	ND	ND	ND	ND	ND	ND		
2-Butanone	ND	ND	ND	ND	ND	ND	ND		
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND		
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	760	1,400
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	1,100	100,000
Chloroethane	ND	ND	ND	ND	ND	ND	ND		
Chloroform	ND	ND	ND	ND	ND	ND	ND	370	10,000
Chloromethane	ND	ND	ND	ND	ND	ND	ND		
Cyclohexane	ND	ND	ND	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND		
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND		
1,2-Dibromomethane	ND	ND	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	1,100	100,000
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	2,400	17,000
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND		
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	330	19,000
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	200	2,300
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	270	100,000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	190	100,000
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	250	59,000
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND		
trans-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND		
cis-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND		
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND		
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	1,000	30,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND		
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND		
Methyl acetate	ND	ND	ND	ND	ND	ND	ND		
Methyl tert-butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	930	62,000
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND		
Methylene chloride	3.5 CCV-E, J	2.8 CCV-E, J	4.2 J	ND	ND	ND	ND	50	51,000
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND		
Styrene	ND	ND	ND	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND		
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	1,300	5,500
Toluene	ND	3.4 J	ND	ND	ND	ND	ND	700	100,000
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND		
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	680	100,000
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND		
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	470	10,000
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND		
1,1,2-Trichloro-1,2,2-trifluoethane (Freon 113)	ND	ND	ND	ND	ND	ND	ND		
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	20	210
o-Xylene	ND	ND	ND	ND	ND	ND	ND		
p- & m- Xylene	ND	ND	ND	ND	ND	ND	ND		
Xylenes Total	ND	ND	ND	ND	ND	ND	ND	260	500,000
Total VOCs	**15.5**	**6.2**	**4.2**	**ND**	**ND**	**44**	**ND**		

NOTES

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater > or = to the Method Detection Limit (MDL); therefore, result is an estimated concentration

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

CCV-E - The value reported is ESTIMATED. The value is estimated due to its behaviour during continuing calibration verification

(20% difference for average RF or >20$ Drift for quadratic fit)

Table 3
Soil Analytical Results for Semivolatile Organic Compounds (µg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0' - 2'	10' - 12'	0' - 2'	2' - 4'		
Sample Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	20,000	100,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	100,000	100,000
Acetophenone	ND	ND	ND	ND	ND	ND	ND		
Anthracene	ND	ND	ND	ND	ND	1,430 J	ND	100,000	100,000
Atrazine	ND	ND	ND	ND	ND	ND	ND		
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene	ND	ND	ND	**6,260 J**	ND	**4,940 J**	**6,550**	1,000	1,000
Benzo(a)pyrene	ND	ND	ND	**5,890 J**	ND	**4,270 J**	**5,470 J**	1,000	1,000
Benzo(b)fluoranthene	ND	ND	ND	**4,990 J**	ND	**4,300 J**	**8,080**	1,000	1,000
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	100,000	100,000
Benzo(k)fluoranthene	ND	ND	ND	**6,150 J**	ND	**5,250 J**	**6,720**	800	1,000
Benzyl butyl phthalate	ND	ND	ND	ND	ND	ND	ND		
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND		
4-bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND		
Caprolactam	ND	ND	ND	ND	ND	ND	ND		
Carbazole	ND	ND	ND	ND	ND	ND	ND		
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND		
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND		
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND		
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND		
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND		
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND		
Chrysene	ND	ND	ND	**6,380 J**	ND	**4,940 J**	**6,470**	1,000	1,000
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	330	330
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND		
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND		
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND		
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND		
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND		
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND		
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND		
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND		
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND		
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND		
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND		
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND		
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND		
Fluoranthene	2,200 J	ND	ND	13,100 J	ND	11,600	15,100	100,000	100,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	30,000	100,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND		
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	500	500
Isophorone	ND	ND	ND	ND	ND	ND	ND		
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND		
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND		
3- &4-Methylphenols	ND	ND	ND	ND	ND	ND	ND		
Naphthalene	ND	ND	ND	ND	ND	ND	ND	12,000	100,000
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND		
2- Nitroaniline	ND	ND	ND	ND	ND	ND	ND		

Table 3 (contd)
Soil Analytical Results for Semivolatile Organic Compounds (µg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0' - 2'	10' - 12'	0' - 2'	2' - 4'		
Sample Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
3- Nitroaniline	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND		
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND		
2- Nitrophenol	ND	ND	ND	ND	ND	ND	ND		
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND		
N-nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND		
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND		
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	800	2,400
Phenanthrene	1,450 J	ND	ND	7,420 J	ND	8,060	9,170	100,000	100,000
Phenol	ND	ND	ND	ND	ND	ND	ND	330	100,000
Pyrene	2,110 J	ND	ND	12,900 J	ND	9,830	12,600	100,000	100,000
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND		
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND		
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND		
Total SVOCs	**5,760**	ND	ND	**63,090**	ND	**54,620**	**70,160**		

NOTES

All units in micrograms per kilogram (µg/kg)

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.

ND - Analyte not detected at the stated Reporting Limit (RL)

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

Table 4
Soil Analytical Results for Pesticides / Polychlorinated Biphenyls (µg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0' - 2'	10' - 12'	0' - 2'	2' - 4'		
Sample Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Pesticides									
Toxaphene	ND	ND	ND	ND	ND	ND	ND	NS	NS
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	NS	NS
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	NS	NS
Heptachlor	4.27	ND	ND	ND	ND	ND	ND	42	420
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	NS	NS
Endrin	ND	ND	ND	ND	ND	ND	ND	14	2,200
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
*Endosulfan II	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	2,400	4,800
Dieldrin	4.32	ND	ND	**9.31**	ND	ND	2.41	5	39
delta-BHC	ND	ND	ND	ND	ND	ND	ND	40	100,000
Chlordane, total	136	ND	ND	115	ND	119	35.2	NS	NS
beta-BHC	ND	ND	ND	ND	ND	ND	ND	36	100,000
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	20	97
Aldrin	ND	ND	ND	ND	ND	ND	ND	5	19
4,4'-DDT	**17.7**	ND	ND	**21.4**	ND	**19.2**	**13.6**	3.3	1,700
4,4'-DDE	**7.64**	ND	ND	ND	ND	**5.69**	2.47	3.3	1,800
4,4'-DDD	**5.58**	ND	ND	ND	ND	**7.02**	1.93	3.3	2,600
PCBs									
Aroclor 1260	26.9	ND	ND	83.7	ND	30	ND	NS	NS
Aroclor 1254	ND	ND	ND	106	ND	ND	ND	NS	NS
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1242	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	NS	NS
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	NS	NS
***Total PCBs**	77.2	ND	ND	189	ND	144	ND		

NOTES

All units in micrograms per kilogram (µg/kg)

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.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

* - Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

Table 5
Soil Analytical Results for Metals (mg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	SP-1			SP-2		SP-3		Unrestricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYCRR Part 375-6.8b) Residential
Sample Depth	0' - 2'	10' - 12'	DUP 10' - 12'	0' - 2'	10' - 12'	0' - 2'	2' - 4'		
Sample Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
Metals									
Aluminum	4,550 B	6,400 B	4,620 B	4,130 B	5,330 B	4,630 B	5,730 B	NS	NS
Antimony	ND	ND	ND	4.92	ND	1.60	1.08	NS	NS
Arsenic	ND	3.66	ND	5.67	ND	2.74	**15.5**	13	16
Barium	28.5	85.5	26.9	131	27.4	66.1	**1,290**	350	350
Beryllium	ND	ND	ND	ND	ND	ND	ND	7.2	14
Cadmium	ND	ND	ND	**2.97**	ND	**5.14**	**11.7**	2.5	2.5
Calcium	1,080	34,300	1,130	13,500	1,780	12,400	24,000	NS	NS
Chromium	11.3	14.8	13.0	23.6	14.4	12.5	25.5	NS	NS
Cobalt	5.77	5.08	6.47	7.15	7.20	5.28	7.09	NS	NS
Copper	11.7	35.7	13.8	**126**	16.9	43.6	**411**	50	270
Iron	19,900	10,600	21,200	24,100	18,600	9,300	21,400	NS	NS
Lead	4.60	**110**	4.81	**373**	5.34	**356**	**1,040**	63	400
Magnesium	1,490	4,920	1,350	3,200	2,240	2,240	5,180	NS	NS
Manganese	367	234	325	318	382	183	408	1,600	2,000
Nickel	11.0	20.6	12.6	**47.3**	15.3	24.5	**39.5**	30	140
Potassium	1,040	862	964	555	1,460	430	737	NS	NS
Selenium	ND	ND	ND	2.05	ND	ND	2.13	3.9	36
Silver	ND	ND	ND	ND	ND	ND	ND	2	36
Sodium	89.4	191	83.2	134	87.3	74.6	320	NS	NS
Thallium	ND	ND	ND	ND	ND	ND	ND	NS	NS
Vanadium	24.8	22.1	26.4	34.1	28.3	14.1	41.9	NS	NS
Zinc	27.7	**132**	28.2	**442**	32.9	**316**	1,270	109	2,200
Mercury	ND	ND	ND	ND	ND	**0.223**	**0.834**	0.18	0.81

NOTES

All units in milligrams per kilogram (mg/kg)

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.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Values shaded represent concentration exceeding their respective recommended soil cleanup objective

Table 6
Groundwater Analytical Results for Volatile Organic Compounds (µg/kg)
83 Grand Street, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	6/5/14	
Sample Matrix	Water	
Units	µg/L	
1,1,1-Trichloroethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,1,2-Trichloro-1,2,2-trifluorethane	ND	5
1,1,2-Trichloroethane	ND	5
1,1-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
1,2,3-Trichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	5
1,2-Dibromo-3-chloropropane	ND	0.04
1,2-Dibromoethane	ND	NS
1,2-Dichlorobenzene	ND	NS
1,2-Dichloroethane	ND	1
1,2-Dichloropropane	ND	1
1,3-Dichlorobenzene	ND	3
1,4-Dichlorobenzene	ND	3
2-Butanone	ND	NS
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	NS
Acetone	2.5 B	50
Benzene	ND	1
Bromochloromethane	ND	NS
Bromodichloromethane	1.1	50
Bromoform	ND	50
Bromomethane	ND	5
Carbon Disulfide	ND	NS
Carbon Tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroethane	ND	5
Chloroform	**13**	7
Chloromethane	ND	NS
cis-1,2-Dichloroethylene	0.47 J	5
cis-1,3-Dichloropropylene	ND	NS
Cyclohexane	ND	NS
Dibromochloromethane	ND	50
Dichlorodifluoromethane	ND	5
Ethyl Benzene	ND	5
Isopropylbenzene	ND	5
Methyl Acetate	ND	NS
Methyl tert-butyl ether (MTBE)	ND	10
Methylcyclohexane	ND	NS
Methylene chloride	2.6	5
o-Xylene	ND	5
p- & m- Xylene	ND	5
Styrene	ND	5
Tetrachloroethylene	1.4	5
Toluene	0.32 J, B	5
trans-1,2-Dichloroethylene	ND	5
trans-1,3-Dichloropropylene	ND	5
Trichloroethylene	1.3	5
Trichlorofluoromethane	ND	5
Vinyl Chloride	ND	2
Xylenes, Total	ND	5
Total VOCs	**21.59**	

NOTES

All units in micrograms per kilogram (µg/kg)

J - Detected below the Reporting Limit but greater > or = to the Method Detection Limit (MDL); therefore, re

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

B - Analyte is found in associated analysis batch blank. For volatiles, methylene chloride & acetone

are commom lab contaminants. Data users should consider anything <10x the blank value as artifact.

Table 7
Groundwater Analytical Results for Semivolatile Organic Compounds
83 Grand Street, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	6/5/14	
Sample Matrix	Water	
Units	µg/L	
Acenaphthene	0.0914	20
Acenaphthylene	ND	NS
Acetophenone	ND	NS
Anthracene	0.0914	NS
Atrazine	ND	7.5
Benzaldehyde	ND	NS
Benzo(a)anthracene	ND	NS
Benzo(a)pyrene	ND	NS
Benzo(b)fluoranthene	ND	NS
Benzo(g,h,i)perylene	ND	NS
Benzo(k)fluoranthene	ND	NS
Benzyl butyl phthalate	ND	NS
1,1'-Biphenyl	ND	5
4-bromophenyl phenyl ether	ND	NS
Caprolactam	ND	NS
Carbazole	ND	NS
4-Chloro-3-methylphenol	ND	NS
4-Chloroaniline	ND	5
Bis(2-chloroethoxy)methane	ND	NS
Bis(2-chloroethyl)ether	ND	NS
Bis(2-chloroisopropyl)ether	ND	NS
2-Chloronaphthalene	ND	NS
2-Chlorophenol	ND	NS
4-Chlorophenyl phenyl ether	ND	NS
Chrysene	ND	NS
Dibenzo(a,h)anthracene	ND	NS
Dibenzofuran	ND	NS
Di-n-butyl phthalate	ND	50
3,3'-Dichlorobenzidine	ND	5
2,4-Dichlorophenol	ND	5
Diethyl phthalate	ND	NS
2,4-Dimethylphenol	ND	5
Dimethyl phthalate	ND	50
4,6-Dinitro-2-methylphenol	ND	NS
2,4-Dinitrophenol	ND	5
2,4-Dinitrotoluene	ND	5
2,6-Dinitrotoluene	ND	5
Di-n-octyl phthalate	ND	50
Bis(2-ethylhexyl)phthalate	1.42 B	NS
Fluoranthene	0.171	NS
Fluorene	0.0914	50
Hexachlorobenzene	ND	0.04
Hexachlorobutadiene	ND	0.5
Hexachlorocyclopentadiene	ND	5
Hexachloroethane	ND	0.6
Indeno(1,2,3-cd)pyrene	ND	0.002
Isophorone	ND	50
2-Methylnaphthalene	ND	NS
2-Methylphenol	ND	NS
3- &4-Methylphenols	ND	NS
Naphthalene	0.274	10
4-Nitroaniline	ND	5
2- Nitroaniline	ND	5
3- Nitroaniline	ND	5
Hexachlorobenzene	ND	0.04

Table 7 Cont'd
Groundwater Analytical Results for Semi Volatile Organic Compounds

Hexachlorobutadiene	ND	0.5
Hexachlorocyclopentadiene	ND	5
Nitrobenzene	ND	0.4
2- Nitrophenol	ND	NS
4-Nitrophenol	ND	NS
N-nitroso-di-n-propylamine	ND	NS
N-Nitrosodiphenylamine	ND	50
Pentachlorophenol	ND	NS
Phenanthrene	0.309	50
Phenol	ND	NS
Pyrene	0.137	50
1,2,4,5-Tetrachlorobenzene	ND	NS
2,4,6-Trichlorophenol	ND	3
2,4,5-Trichlorophenol	ND	3
Total SVOCs	**2.4313**	

NOTES

All units in micrograms per kilogram (µg/L)

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.

ND - Analyte not detected at the stated Reporting Limit (RL)

GQS - Groundwater Quality Standards

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 values as artifact

Table 8
Groundwater Analytical Results for Pesticides / Polychlorinated Biphenyls (µg/L)
83 Grand Street, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	6/5/14	
Sample Matrix	Water	
Units	µg/L	
Pesticides		
Toxaphene	ND	0.06
Methoxychlor	ND	0.3
Heptachlor epoxide	ND	0.03
Heptachlor	ND	0.04
gamma-BHC (Lindane)	ND	0.05
Endrin ketone	ND	5
Endrin aldehyde	ND	5
Endrin	ND	NS
Endosulfan sulfate	ND	NS
Endosulfan II	ND	NS
Endosulfan I	ND	NS
Dieldrin	ND	0.004
delta-BHC	ND	0.04
Chlordane, total	ND	0.05
beta-BHC	ND	0.04
alpha-BHC	ND	0.94
Aldrin	ND	NS
4,4'-DDT	ND	0.2
4,4'-DDE	ND	0.2
4,4'-DDD	ND	0.3
PCBs		
Aroclor 1260	ND	0.09
Aroclor 1254	ND	0.09
Aroclor 1248	ND	0.09
Aroclor 1242	ND	0.09
Aroclor 1232	ND	0.09
Aroclor 1221	ND	0.09
Aroclor 1016	ND	0.09
***Total PCBs**	ND	

NOTES

All units in micrograms per kilogram (µg/L)

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Table 9
Groundwater Analytical Results for Metals (mg/L)
83 Grand Street, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	6/5/14	
Sample Matrix	Water	
Units	µg/L	
Metals		
Aluminum	0.948	NS
Antimony	ND	3
Arsenic	ND	25
Barium	0.042	1,000
Beryllium	ND	3
Cadmium	ND	5
Calcium	51.8	NS
Chromium	ND	50
Cobalt	ND	NS
Copper	ND	200
Iron	0.969	300
Lead	0.008	25
Magnesium	14.5	35,000
Manganese	0.212	300
Nickel	ND	100
Potassium	5.71	NS
Selenium	ND	10
Silver	ND	50
Sodium	38.4	20,000
Thallium	ND	0.5
Vanadium	ND	NS
Zinc	0.018	2,000
Mercury	ND	0.7

NOTES

All units in milligrams per kilogram (mg/kg)

B - Analyte is found in the associated analysis batch blank. For volatiles, methylene chlorid

Data users should consider anything <10x the blank value as artifact.

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Table 10
Groundwater Analytical Results for (Dissolved) Metals
83 Grand Street, Brooklyn NY

Sample Identification	MW-1	NYSDEC GQS
Sample Date	6/5/14	
Sample Matrix	Water	
Units	µg/L	
Metals		
Aluminum	0.014	NS
Antimony	ND	3
Arsenic	ND	25
Barium	0.030	1,000
Beryllium	ND	3
Cadmium	ND	5
Calcium	51.9	NS
Chromium	ND	50
Cobalt	ND	NS
Copper	ND	200
Iron	ND	300
Lead	ND	25
Magnesium	13.8	35,000
Manganese	0.154	300
Nickel	ND	100
Potassium	5.28	NS
Selenium	ND	10
Silver	ND	50
Sodium	38.1	20,000
Thallium	ND	0.5
Vanadium	ND	NS
Zinc	ND	2,000
Mercury	ND	0.7

NOTES

All units in milligrams per kilogram (mg/kg)

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

NYSDEC GQS - New York State Department of Environmental Conservation Groundwater Quality Standard

Table 11
Soil Gas Analytical Results for Volatile Organic Compounds (µg/m^3)
83 Grand Street, Brooklyn NY

Sample Identification	SV-1[1]	SV-2[1]	SV-3[1]	NYSDOH Outdoor Background Standard[2]
Sample Date	5/22/14	5/22/14	5/22/14	
Sample Matrix	Soil Vapor	Soil Vapor	Soil Vapor	
Units	µg/m^3	µg/m^3	µg/m^3	
Vinyl Chloride	ND	ND	ND	NS
Vinyl acetate	ND	ND	ND	NS
Trichloroethylene	ND	ND	ND	<0.25
trans-1,3-Dichloropropylene	ND	ND	ND	NS
trans-1,2-Dichloroethylene	ND	ND	ND	NS
Toluene	**62**	**71**	**37**	0.6 - 2.4
*Tetrahydrofuran	**20**	ND	ND	<0.25
Tetrachloroethylene	ND	ND	ND	<0.25 - 0.3
Styrene	ND	ND	ND	<0.25
*Propylene	ND	ND	ND	<0.25
*p-Ethyltoluene	11	16	11	NS
p- &m-Xylenes	40	48	30	NS
o-Xylene	**13**	**20**	10	<0.25 - 0.7
n-Hexane	**46**	**2,800**	ND	<0.25 - 1
n-Heptane	**11**	**1,100**	ND	<0.25 - 1.9
Methylene chloride	**80**	ND	ND	<0.25 - 0.7
Methyl tert-butyl ether (MTBE)	ND	ND	ND	NS
4-Methyl-2-pentanone	ND	ND	ND	<0.25
Isopropanol	ND	ND	ND	NS
Hexachlorobutadiene	ND	ND	ND	NS
Ethyl Benzene	**11**	**15**	**7.8**	<0.25 - 0.5
*Ethyl acetate	ND	ND	ND	NS
Cyclohexane	ND	**7.2**	ND	<0.25 - 0.4
cis-1,3-Dichloropropylene	ND	ND	ND	<0.25
cis-1,2-Dichloroethylene	ND	ND	ND	<0.25
Chloromethane	ND	ND	ND	<0.25 - 1.8
Chloroform	ND	ND	ND	<0.25
Chloroethane	ND	ND	ND	<0.25
Carbon Tetrachloride	ND	ND	ND	<0.25 - 0.6
Carbon disulfide	ND	ND	ND	NS
Bromomethane	ND	ND	ND	<0.25
Bromoform	ND	ND	ND	NS
Bromodichloromethane	ND	ND	ND	NS
Benzyl chloride	ND	ND	ND	NS
Benzene	ND	ND	ND	0.6 - 2.2
Acetone	**470**	**530**	**70**	3.4 - 14
*2-Hexanone	15	ND	ND	NS
2-Butanone	**72**	**92**	**16**	0.8 - 2.6
1,4-Dioxane	ND	ND	ND	NS
1,4-Dichlorobenzene	ND	ND	ND	<0.25
1,3-Dichlorobenzene	ND	ND	ND	<0.25
1,3 Butadiene	ND	ND	ND	NS
1,3,5-Trimethylbenzene	ND	ND	ND	<0.25 - 0.3
1,2-Dichlorotetrafluoroethane	ND	ND	ND	NS
1,2-Dichloropropane	ND	ND	ND	<0.25
1,2-Dichloroethane	ND	ND	ND	<0.25
1,2-Dichlorobenzene	ND	ND	ND	<0.25
1,2,4-Trimethylbenzene	**11**	**16**	**12**	<0.25 - 0.8
1,2,4-Trichlorobenzene	ND	ND	ND	<0.25
1,1-Dichloroethylene	ND	ND	ND	<0.25
1,1-Dichloroethane	ND	ND	ND	<0.25
Trichlorofluoromethane (Freon II)	ND	ND	ND	NS
1,1,2-Trichloroethane	ND	ND	ND	<0.25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	<0.25 - 1.1
1,1,2,2-Tetrachloroethane	ND	ND	ND	0.60 - 2.4
1,1,1-Trichloroethane	ND	ND	ND	<0.25 - 0.3
Dichlorodifluoromethane	ND	ND	ND	<0.25 - 4.2
1,2-Dibromoethane	ND	ND	ND	NS
Dibromochloromethane	ND	ND	ND	NS
Methyl Methacrylate	ND	ND	ND	<0.25
Chlorobenzene	ND	ND	ND	<0.25

NOTES

All units in micrograms per cubic meter (µg/m^3)

[1] Samples Analysed for Helium as a tracer gas. Helium was not detected in any sample

[2] Summary of indoor and outdoor Levels of NYSDOH Air Sampling and Analysis (EPA Guidance 2001)

New York State Department of Health, Bureau of Toxic Substance Assessment

[3] The ranges provided in the table represent the 25th percentile to 75th percentile (middle half) of the results and are labeled as background

A single value is the minimum reporting limit for that compound and indicates that nore than 75% of the data are below the detection limi

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

< - Means "less than". The number following a "less than" sign is the lowest level the laboratory test can reliably measure (report limit).

ND - Analyte not detected at the stated Reporting Limit (RL)

NS - No Standard

Values shaded represent concentration in exceedance of their respective recommended soil cleanup objective

APPENDICES

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141327

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 83 GRAND STREET
Client: 83 GRAND TOWN HOUSE LLC
Location: BROOKLYN, NY
Date: 5/22/14
Logged By: DAVE OLOKE
Driller: L. REISS, M. RYAN

Boring No.: SP-1
Drilling Method: Direct Push
Total Depth: 12 FEET
Sample Method: CORE
Depth to Water: N/A

USCS SYMBOLS

GW – Well graded Gravel	SW – Well graded Sand	ML – Inorganic Silt / Sandy Silt	CH – Inorganic Clay, High Plastic
GP – Poorly graded Gravel	SP – Poorly graded Sand	CL – Inorganic Clays / Sandy Clay	OH – Organic Silt / Clay
GM – Silty Gravel	SM – Silty Sand	OL – Organic Silts / Organic Silty Clay	PT – Peat / High Organics
GC – Clayey Gravel	SC – Clayey Sand	MH – Elastic Silts	

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS		MOISTURE CONTENT	USCS
0.1	1	0–2	Sand and gravel fill material consisting of red bricks, mixed with concrete materials.	DRY	SP
	2				
0.5	3	2–4	Fill material, consisting of red bricks mixed with concrete materials.	DRY	SP
	4				
	5	4–6	No recovery.	–	–
	6				
	7				
	8	6–10	No recovery.	–	–
	9				
1.2	10	10–12	Brown, fine grained silty clay.	DRY	SP
	11				
	12		END OF BORING		
	13				
	14				
	15				
	16				
	17				
	18				
	19				

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141327

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 83 GRAND STREET
Client: 83 GRAND TOWN HOUSE LLC
Location: BROOKLYN, NY
Date: 5/22/14
Logged By: DAVE OLOKE
Driller: L. REISS, M. RYAN

Boring No.: SP-2
Drilling Method: Direct Push
Total Depth: 12 FEET
Sample Method: CORE
Depth to Water: N/A

USCS SYMBOLS

GW – Well graded Gravel	SW – Well graded Sand	ML – Inorganic Silt / Sandy Silt	CH – Inorganic Clay, High Plastic
GP – Poorly graded Gravel	SP – Poorly graded Sand	CL – Inorganic Clays / Sandy Clay	OH – Organic Silt / Clay
GM – Silty Gravel	SM – Silty Sand	OL – Organic Silts / Organic Silty Clay	PT – Peat / High Organics
GC – Clayey Gravel	SC – Clayey Sand	MH – Elastic Silts	

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS		MOISTURE CONTENT	USCS
0.2	1	0–2	Sand and gravel with fill material consisting of red bricks mixed with concrete materials.	DRY	SP
	2				
0.1	3	2–4	Fill material, consisting of red bricks mixed with concrete materials.	DRY	SP
	4				
	5	4–6	No recovery.	–	–
	6				
0.3	7	6–8	Red bricks mixed with concrete.	DRY	SP
	8				
0.7	9	8–10	Brown, fine grained silty sand.	DRY	SW
	10				
0.9	11	10–12	Brown, fine grained silty sand.	DRY	SW
	12		END OF BORING		
	13				
	14				
	15				
	16				
	17				
	18				
	19				

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141327

1503 Wave Avenue, Medford NY 11763

Professional Services Division

SOIL BORING LOG

Project: 83 GRAND STREET
Client: 83 GRAND TOWN HOUSE LLC
Location: BROOKLYN, NY
Date: 5/22/14
Logged By: DAVE OLOKE
Driller: L. REISS, M. RYAN

Boring No.: SP-3
Drilling Method: Direct Push
Total Depth: 4 FEET
Sample Method: CORE
Depth to Water: N/A

USCS SYMBOLS

GW – Well graded Gravel	SW – Well graded Sand	ML – Inorganic Silt / Sandy Silt	CH – Inorganic Clay, High Plastic
GP – Poorly graded Gravel	SP – Poorly graded Sand	CL – Inorganic Clays / Sandy Clay	OH – Organic Silt / Clay
GM – Silty Gravel	SM – Silty Sand	OL – Organic Silts / Organic Silty Clay	PT – Peat / High Organics
GC – Clayey Gravel	SC – Clayey Sand	MH – Elastic Silts	

PID READING (PPM)	DEPTH BELOW GRADE (FT.)	SOIL DESCRIPTION / REMARKS	MOISTURE CONTENT	USCS
0.2	1	0–2 Sand and gravel with fill material consisting of red bricks mixed with concrete.	DRY	SP
	2			
1.4	3	2–4 Fill material, consisting of red bricks mixed with concrete materials.	DRY	SP
	4			
	5	END OF BORING		
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			

ALPHA-HYDRO
ENVIRONMENTAL SERVICES
A PARADIGM OF EXCELLENCE

Job Number 141327

Page 1 of 1

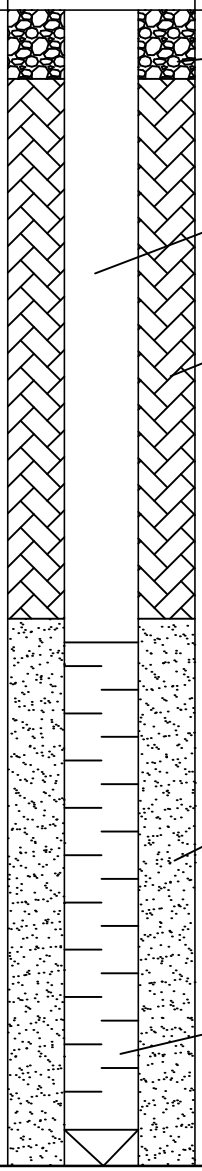
1503 Wave Avenue, Medford NY 11763

Professional Services Division

WELL CONSTRUCTION LOG

Project	83 GRAND STREET	Date	6/4/14
Client	83 GRAND TOWN HOUSE LLC	Logged By	DAVE OLOKE
Location	83 GRAND STREET, BROOKLYN, NY	Driller	Ossie
Well No.	MW-1		
Drilling Method	Direct Push	Sample Method	N/A
Total Depth	50 ft	Total Riser Length	20 ft
Total Screen Length	30 ft	Depth to Water	41.5 ft

DEPTH BELOW GRADE (FT.)	WELL DESCRIPTION
0	Backfill material
2	
4	
6	0' – 20' – 2"ø PVC Riser
8	
	Bentonite seal
20	
	20' – 50' – 2"ø PVC Screen 0.020 slot
28	
30	#2 Morie sand
	41.5' – ▽
	2"ø PVC Screen
50	



Alpha-Hydro Environmental

GROUNDWATER PURGE / SAMPLE LOG

Well ID Number	Date Start & End Time (24-hr)	Purge Method	Purge Rate(s) (ml/min)	Total Volume Purged (Gallons)	Headspace PID (ppm)	Dissolved Oxygen (mg/L)	Temperature (°C)	Specific Conductance mS/cm	After Purging
MW-1	6/4/14 1308 hrs 1358 hrs	Low- flow	400	5	2.5	5.0	24.07	0.532	Clear, No silt, No odor

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 83 Grand Street

Client: 83 Grand Street LLC

Date: 5/22/2014

Sampled by: D. Oloke

Sample ID : SV - 1

Collection Device : Summer Canister

Canister ID : Y67

Controller ID : F6

Flow Rate : 0.2 L/min

Sample Location : SW portion of Site

Sample Depth : 10 ft

Time Started : 9:37 am

Initial vacuum : - 22 in Hg

Time Stopped : 10:37 am

Final vacuum : - 1 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.2 ppm

Helium Reading : Na %

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 83 Grand Street

Client: 83 Grand Street LLC

Date: 5/22/2014

Sampled by: D. Oloke

Sample ID : SV - 2

Collection Device : Summer Canister

Canister ID : Y48

Controller ID : F14

Flow Rate : 0.2 L/min

Sample Location : Eastern portion of Site

Sample Depth : 10 ft

Time Started : 9:25 am

Initial vacuum : - 25 in Hg

Time Stopped : 10:25 am

Final vacuum : - 1 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.3 ppm

Helium Reading : Na %

Alpha - Hydro Environmental

SOIL GAS SAMPLING LOG

Site Name: 83 Grand Street

Client: 83 Grand Street LLC

Date: 5/22/2014

Sampled by: D. Oloke

Sample ID : SV - 3

Collection Device : Summer Canister

Canister ID : 16141

Controller ID : F20

Flow Rate : 0.2 L/min

Sample Location : Northern portion of Site

Sample Depth : 5 ft

Time Started : 9:10 am

Initial vacuum : - 30 in Hg

Time Stopped : 10:10 am

Final vacuum : - 3 in Hg

PID Calibration : 101.2 ppm

PID Reading : 0.4 ppm

Helium Reading : Na %

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 06/03/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14E1031

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 06/03/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14E1031

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

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 27, 2014 and listed below. The project was identified as your project: **83 Grand St, Brooklyn NY**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14E1031-01	SP-1 (0-2)	Soil	05/22/2014	05/27/2014
14E1031-02	SP-1 (10-12)	Soil	05/22/2014	05/27/2014
14E1031-03	SP-2 (0-2)	Soil	05/22/2014	05/27/2014
14E1031-04	SP-2 (10-12)	Soil	05/22/2014	05/27/2014
14E1031-05	SP-3 (0-2)	Soil	05/22/2014	05/27/2014
14E1031-06	SP-3 (2-4)	Soil	05/22/2014	05/27/2014
14E1031-07	DUP	Soil	05/22/2014	05/27/2014
14E1031-08	Equipment Blank	Water	05/22/2014	05/27/2014
14E1031-09	Trip Blank	Water	05/22/2014	05/27/2014

General Notes for York Project (SDG) No.: 14E1031

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:** 06/03/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	**Acetone**	**12**		ug/kg dry	1.7	6.9	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
71-43-2	Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	34	69	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-09-2	**Methylene chloride**	**3.5**	CCV-E , J	ug/kg dry	1.7	6.9	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
100-42-5	Styrene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
108-88-3	Toluene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.4	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C	05/30/2014 08:44	05/30/2014 13:54	SS

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*		*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*136 %*	S-HI	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*		*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
98-86-2	Acetophenone	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
120-12-7	Anthracene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
1912-24-9	Atrazine	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
105-60-2	Caprolactam	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
86-74-8	Carbazole	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
218-01-9	Chrysene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5780	11500	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	5780	11500	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
206-44-0	**Fluoranthene**	**2200**	J	ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
86-73-7	Fluorene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
78-59-1	Isophorone	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
88-74-4	2-Nitroaniline	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
85-01-8	**Phenanthrene**	**1450**	J	ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
108-95-2	Phenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
129-00-0	**Pyrene**	**2110**	J	ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	2910	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1450	5770	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*12.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*32.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*13.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.0 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*18.4 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*68.9 %*	*10-137*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.3	96.3	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.52	9.52	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
76-44-8	**Heptachlor**	**4.27**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
60-57-1	**Dieldrin**	**4.32**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	**Chlordane, total**	**136**		ug/kg dry	7.61	7.61	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
50-29-3	**4,4'-DDT**	**17.7**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
72-55-9	**4,4'-DDE**	**7.64**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
72-54-8	**4,4'-DDD**	**5.58**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 15:36	JW
11096-82-5	**Aroclor 1260**	**26.9**		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW
1336-36-3	*** Total PCBs**	**77.2**		ug/kg dry	7.85	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:22	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-140*

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**	**4550**	B	mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-36-0	Antimony	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-39-3	**Barium**	**28.5**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.346	0.346	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-70-2	**Calcium**	**1080**		mg/kg dry	0.577	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-47-3	**Chromium**	**11.3**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-48-4	**Cobalt**	**5.77**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-50-8	**Copper**	**11.7**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7439-89-6	**Iron**	**19900**		mg/kg dry	2.31	2.31	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7439-92-1	**Lead**	**4.60**		mg/kg dry	0.346	0.346	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7439-95-4	**Magnesium**	**1490**		mg/kg dry	5.77	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7439-96-5	**Manganese**	**367**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-02-0	**Nickel**	**11.0**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-09-7	**Potassium**	**1040**		mg/kg dry	5.77	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW

Sample Information

Client Sample ID: **SP-1 (0-2)** **York Sample ID:** **14E1031-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-23-5	**Sodium**	**89.4**		mg/kg dry	11.5	11.5	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW
7440-66-6	**Zinc**	**27.7**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:00	MW

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	0.0381	0.0381	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**86.7**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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	0.577	0.577	1	EPA 9014/9010C	06/02/2014 08:02	06/02/2014 12:58	AD

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	Acetone	ND		ug/kg dry	1.8	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
71-43-2	Benzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **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
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	73	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-09-2	**Methylene chloride**	**2.8**	CCV-E , J	ug/kg dry	1.8	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
100-42-5	Styrene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
108-88-3	**Toluene**	**3.4**	J	ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.5	11	1	EPA 8260C	05/30/2014 08:44	05/30/2014 14:29	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*128 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
98-86-2	Acetophenone	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
120-12-7	Anthracene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
1912-24-9	Atrazine	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
105-60-2	Caprolactam	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
86-74-8	Carbazole	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR

Sample Information

Client Sample ID: SP-1 (10-12) **York Sample ID:** 14E1031-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
218-01-9	Chrysene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	274	546	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	274	547	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
206-44-0	Fluoranthene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
86-73-7	Fluorene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
78-59-1	Isophorone	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
91-20-3	Naphthalene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
85-01-8	Phenanthrene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
108-95-2	Phenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
129-00-0	Pyrene	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	138	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.9	273	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:02	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*6.71 %*	S-AC	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*18.7 %*		*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*19.7 %*		*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.0 %*		*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*28.7 %*		*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*92.1 %*		*10-137*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.3	91.3	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	9.02	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.22	7.22	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:15	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.44	18.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 10:51	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.1 %*	*30-140*

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**	**6400**	B	mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-36-0	Antimony	ND		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-38-2	**Arsenic**	**3.66**		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-39-3	**Barium**	**85.5**		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.328	0.328	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-70-2	**Calcium**	**34300**		mg/kg dry	0.547	5.47	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-48-4	**Cobalt**	**5.08**		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-50-8	**Copper**	**35.7**		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7439-89-6	**Iron**	**10600**		mg/kg dry	2.19	2.19	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7439-92-1	**Lead**	**110**		mg/kg dry	0.328	0.328	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7439-95-4	**Magnesium**	**4920**		mg/kg dry	5.47	5.47	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7439-96-5	**Manganese**	**234**		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-02-0	**Nickel**	**20.6**		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-09-7	**Potassium**	**862**		mg/kg dry	5.47	5.47	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-22-4	Silver	ND		mg/kg dry	0.547	0.547	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-23-5	**Sodium**	**191**		mg/kg dry	10.9	10.9	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW

Sample Information

Client Sample ID: **SP-1 (10-12)** **York Sample ID:** **14E1031-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-62-2	**Vanadium**	**22.1**		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW
7440-66-6	**Zinc**	**132**		mg/kg dry	1.09	1.09	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:05	MW

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	0.0361	0.0361	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**91.4**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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	0.547	0.547	1	EPA 9014/9010C	06/02/2014 08:02	06/02/2014 12:58	AD

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14E1031-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	Acetone	ND		ug/kg dry	3.6	15	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
71-43-2	Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14E1031-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **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
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	15	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
100-42-5	Styrene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
108-88-3	Toluene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14E1031-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:04	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*122 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
98-86-2	Acetophenone	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
120-12-7	Anthracene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
1912-24-9	Atrazine	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
56-55-3	**Benzo(a)anthracene**	**6260**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
50-32-8	**Benzo(a)pyrene**	**5890**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
205-99-2	**Benzo(b)fluoranthene**	**4990**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
207-08-9	**Benzo(k)fluoranthene**	**6150**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
105-60-2	Caprolactam	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
86-74-8	Carbazole	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14E1031-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
218-01-9	**Chrysene**	**6380**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	14500	28800	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	14500	28900	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
206-44-0	**Fluoranthene**	**13100**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
86-73-7	Fluorene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
78-59-1	Isophorone	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14E1031-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
87-86-5	Pentachlorophenol	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
85-01-8	**Phenanthrene**	**7420**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
108-95-2	Phenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
129-00-0	**Pyrene**	**12900**	J	ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	7270	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	3640	14400	50	EPA 8270D	05/30/2014 18:00	06/03/2014 15:35	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	S-06	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*99.2 %*		*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*%*	S-06	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*%*	S-06	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	S-06	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	S-06	*10-137*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.4	96.4	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.52	9.52	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
60-57-1	**Dieldrin**	**9.31**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
57-74-9	**Chlordane, total**	**115**		ug/kg dry	7.62	7.62	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
50-29-3	**4,4'-DDT**	**21.4**		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:08	JW

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14E1031-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	**Aroclor 1260**	**83.7**		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
11097-69-1	**Aroclor 1254**	**106**		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW
1336-36-3	*** Total PCBs**	**189**		ug/kg dry	7.85	19.6	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:20	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.3 %*	*30-140*

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**	**4130**	B	mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-36-0	**Antimony**	**4.92**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-38-2	**Arsenic**	**5.67**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-39-3	**Barium**	**131**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-43-9	**Cadmium**	**2.97**		mg/kg dry	0.346	0.346	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-70-2	**Calcium**	**13500**		mg/kg dry	0.577	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-47-3	**Chromium**	**23.6**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-48-4	**Cobalt**	**7.15**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-50-8	**Copper**	**126**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7439-89-6	**Iron**	**24100**		mg/kg dry	2.31	2.31	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7439-92-1	**Lead**	**373**		mg/kg dry	0.346	0.346	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7439-95-4	**Magnesium**	**3200**		mg/kg dry	5.77	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7439-96-5	**Manganese**	**318**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-02-0	**Nickel**	**47.3**		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-09-7	**Potassium**	**555**		mg/kg dry	5.77	5.77	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7782-49-2	**Selenium**	**2.05**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-23-5	**Sodium**	**134**		mg/kg dry	11.5	11.5	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-62-2	**Vanadium**	**34.1**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW
7440-66-6	**Zinc**	**442**		mg/kg dry	1.15	1.15	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:10	MW

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14E1031-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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	0.0381	0.0381	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**86.6**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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	0.577	0.577	1	EPA 9014/9010C	06/03/2014 08:21	06/03/2014 14:21	AD

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14E1031-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	Acetone	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14E1031-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14E1031-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C	05/30/2014 08:44	05/30/2014 15:38	SS

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*		*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*132 %*	S-HI	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*		*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
98-86-2	Acetophenone	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
120-12-7	Anthracene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
1912-24-9	Atrazine	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
105-60-2	Caprolactam	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
86-74-8	Carbazole	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
218-01-9	Chrysene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR

Sample Information

Client Sample ID: SP-2 (10-12) **York Sample ID:** 14E1031-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	283	565	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	283	565	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
206-44-0	Fluoranthene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
86-73-7	Fluorene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
78-59-1	Isophorone	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
91-20-3	Naphthalene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
85-01-8	Phenanthrene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
108-95-2	Phenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
129-00-0	Pyrene	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	142	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.2	283	1	EPA 8270D	05/30/2014 18:00	06/03/2014 14:33	SR

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14E1031-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*17.9 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*39.0 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.9 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.4 %*		*10-126*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*54.5 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*98.6 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.4	94.4	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	9.33	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.46	7.46	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:31	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14E1031-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.69	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 11:59	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.7 %*	*30-140*

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**	**5330**	B	mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-36-0	Antimony	ND		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-39-3	**Barium**	**27.4**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.339	0.339	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-70-2	**Calcium**	**1780**		mg/kg dry	0.565	5.65	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-47-3	**Chromium**	**14.4**		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-48-4	**Cobalt**	**7.20**		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-50-8	**Copper**	**16.9**		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7439-89-6	**Iron**	**18600**		mg/kg dry	2.26	2.26	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7439-92-1	**Lead**	**5.34**		mg/kg dry	0.339	0.339	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7439-95-4	**Magnesium**	**2240**		mg/kg dry	5.65	5.65	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7439-96-5	**Manganese**	**382**		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-09-7	**Potassium**	**1460**		mg/kg dry	5.65	5.65	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-23-5	**Sodium**	**87.3**		mg/kg dry	11.3	11.3	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-62-2	**Vanadium**	**28.3**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW
7440-66-6	**Zinc**	**32.9**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:15	MW

Sample Information

Client Sample ID: **SP-2 (10-12)** **York Sample ID:** **14E1031-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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	0.0373	0.0373	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**88.5**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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	0.565	0.565	1	EPA 9014/9010C	06/03/2014 08:21	06/03/2014 14:21	AD

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14E1031-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	**Acetone**	**44**		ug/kg dry	4.3	17	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
71-43-2	Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-25-2	Bromoform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
74-83-9	Bromomethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
78-93-3	2-Butanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-00-3	Chloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
67-66-3	Chloroform	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14E1031-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **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
74-87-3	Chloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
110-82-7	Cyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	86	170	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
591-78-6	2-Hexanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
79-20-9	Methyl acetate	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	17	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
100-42-5	Styrene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
108-88-3	Toluene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14E1031-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
95-47-6	o-Xylene	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.6	17	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	26	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:13	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*119 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
98-86-2	Acetophenone	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
120-12-7	**Anthracene**	**1430**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
1912-24-9	Atrazine	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
56-55-3	**Benzo(a)anthracene**	**4940**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
50-32-8	**Benzo(a)pyrene**	**4270**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
205-99-2	**Benzo(b)fluoranthene**	**4300**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
207-08-9	**Benzo(k)fluoranthene**	**5250**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
105-60-2	Caprolactam	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
86-74-8	Carbazole	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
218-01-9	**Chrysene**	**4940**	J	ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14E1031-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5660	11300	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	5660	11300	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
206-44-0	**Fluoranthene**	**11600**		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
86-73-7	Fluorene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
78-59-1	Isophorone	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
91-20-3	Naphthalene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
85-01-8	**Phenanthrene**	**8060**		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
108-95-2	Phenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
129-00-0	**Pyrene**	**9830**		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	2840	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1420	5640	20	EPA 8270D	05/30/2014 18:00	06/03/2014 14:39	SR

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14E1031-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*15.2 %*			*10-105*						
4165-62-2	*Surrogate: Phenol-d5*	*33.0 %*			*10-118*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*14.3 %*			*10-140*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*42.8 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*47.7 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.3 %*			*10-137*						

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.3	94.3	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.31	9.31	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
57-74-9	**Chlordane, total**	**119**		ug/kg dry	7.45	7.45	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
50-29-3	**4,4'-DDT**	**19.2**		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
72-55-9	**4,4'-DDE**	**5.69**		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
72-54-8	**4,4'-DDD**	**7.02**		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:23	JW
11096-82-5	**Aroclor 1260**	**30.0**		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14E1031-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	*** Total PCBs**	**144**		ug/kg dry	7.68	19.2	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:28	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.6 %*	*30-140*

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**	**4630**	B	mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-36-0	**Antimony**	**1.60**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-38-2	**Arsenic**	**2.74**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-39-3	**Barium**	**66.1**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-43-9	**Cadmium**	**5.14**		mg/kg dry	0.339	0.339	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-70-2	**Calcium**	**12400**		mg/kg dry	0.564	5.64	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-48-4	**Cobalt**	**5.28**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-50-8	**Copper**	**43.6**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7439-89-6	**Iron**	**9300**		mg/kg dry	2.26	2.26	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7439-92-1	**Lead**	**356**		mg/kg dry	0.339	0.339	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7439-95-4	**Magnesium**	**2240**		mg/kg dry	5.64	5.64	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7439-96-5	**Manganese**	**183**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-09-7	**Potassium**	**430**		mg/kg dry	5.64	5.64	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-23-5	**Sodium**	**74.6**		mg/kg dry	11.3	11.3	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-62-2	**Vanadium**	**14.1**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW
7440-66-6	**Zinc**	**316**		mg/kg dry	1.13	1.13	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:20	MW

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14E1031-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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**	**0.223**		mg/kg dry	0.0373	0.0373	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**88.6**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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**	**0.960**		mg/kg dry	0.564	0.564	1	EPA 9014/9010C	06/03/2014 08:21	06/03/2014 14:21	AD

Sample Information

Client Sample ID: SP-3 (2-4) **York Sample ID:** 14E1031-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	Acetone	ND		ug/kg dry	1.9	7.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS

Sample Information

Client Sample ID: SP-3 (2-4) **York Sample ID:** 14E1031-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **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
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	75	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.9	7.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
100-42-5	Styrene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS

Sample Information

Client Sample ID: **SP-3 (2-4)** **York Sample ID:** **14E1031-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.5	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.6	11	1	EPA 8260C	05/30/2014 08:44	05/30/2014 16:48	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*126 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
98-86-2	Acetophenone	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
120-12-7	Anthracene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
1912-24-9	Atrazine	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
56-55-3	**Benzo(a)anthracene**	**6550**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
50-32-8	**Benzo(a)pyrene**	**5470**	J	ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
205-99-2	**Benzo(b)fluoranthene**	**8080**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
207-08-9	**Benzo(k)fluoranthene**	**6720**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
105-60-2	Caprolactam	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
86-74-8	Carbazole	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
218-01-9	**Chrysene**	**6470**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR

Sample Information

Client Sample ID: **SP-3 (2-4)** **York Sample ID:** **14E1031-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **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
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5720	11400	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	5720	11400	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
206-44-0	**Fluoranthene**	**15100**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
86-73-7	Fluorene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
78-59-1	Isophorone	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
91-20-3	Naphthalene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
85-01-8	**Phenanthrene**	**9170**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
108-95-2	Phenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
129-00-0	**Pyrene**	**12600**		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	2880	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1440	5710	20	EPA 8270D	05/30/2014 18:00	06/03/2014 15:11	SR

Sample Information

Client Sample ID: **SP-3 (2-4)** **York Sample ID:** **14E1031-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*11.2 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*35.4 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*12.0 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.4 %*		*10-126*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*48.8 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*64.1 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.3	95.3	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.42	9.42	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
60-57-1	**Dieldrin**	**2.41**		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
57-74-9	**Chlordane, total**	**35.2**		ug/kg dry	7.53	7.53	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
50-29-3	**4,4'-DDT**	**13.6**		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
72-55-9	**4,4'-DDE**	**2.47**		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
72-54-8	**4,4'-DDD**	**1.93**		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 16:39	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW

Sample Information

Client Sample ID: **SP-3 (2-4)** **York Sample ID:** **14E1031-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.76	19.4	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 12:57	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-140*

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**	**5730**	B	mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-36-0	**Antimony**	**1.08**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-38-2	**Arsenic**	**15.5**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-39-3	**Barium**	**1290**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-43-9	**Cadmium**	**11.7**		mg/kg dry	0.342	0.342	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-70-2	**Calcium**	**24000**		mg/kg dry	0.571	5.71	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-47-3	**Chromium**	**25.5**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-48-4	**Cobalt**	**7.09**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-50-8	**Copper**	**411**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7439-89-6	**Iron**	**21400**		mg/kg dry	2.28	2.28	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7439-92-1	**Lead**	**1040**		mg/kg dry	0.342	0.342	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7439-95-4	**Magnesium**	**5180**		mg/kg dry	5.71	5.71	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7439-96-5	**Manganese**	**408**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-02-0	**Nickel**	**39.5**		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-09-7	**Potassium**	**737**		mg/kg dry	5.71	5.71	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7782-49-2	**Selenium**	**2.13**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-23-5	**Sodium**	**320**		mg/kg dry	11.4	11.4	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-62-2	**Vanadium**	**41.9**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW
7440-66-6	**Zinc**	**1270**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:25	MW

Sample Information

Client Sample ID: SP-3 (2-4) **York Sample ID:** 14E1031-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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**	**0.834**		mg/kg dry	0.0377	0.0377	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**87.6**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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**	**0.571**		mg/kg dry	0.571	0.571	1	EPA 9014/9010C	06/03/2014 08:21	06/03/2014 14:21	AD

Sample Information

Client Sample ID: DUP **York Sample ID:** 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
67-64-1	Acetone	ND		ug/kg dry	2.7	11	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS

Sample Information

Client Sample ID: DUP

York Sample ID: 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-09-2	**Methylene chloride**	**4.2**	J	ug/kg dry	2.7	11	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS

Sample Information

Client Sample ID: DUP

York Sample ID: 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

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
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	05/30/2014 08:44	05/30/2014 17:23	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.2 %*	*75-127*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*67-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*90-112*

Semi-Volatiles, 8270 - TCL/SOM

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	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
98-86-2	Acetophenone	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
120-12-7	Anthracene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
1912-24-9	Atrazine	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
105-60-2	Caprolactam	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
86-74-8	Carbazole	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
218-01-9	Chrysene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR

Sample Information

Client Sample ID: DUP

York Sample ID: 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	278	555	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	278	555	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
206-44-0	Fluoranthene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
86-73-7	Fluorene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
78-59-1	Isophorone	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
91-20-3	Naphthalene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
85-01-8	Phenanthrene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
108-95-2	Phenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
129-00-0	Pyrene	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	140	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.0	278	1	EPA 8270D	05/30/2014 18:00	06/03/2014 15:04	SR

Sample Information

Client Sample ID: DUP

York Sample ID: 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*17.6 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*23.4 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.9 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.7 %*		*10-126*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*33.1 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*86.9 %*		*10-137*							

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.7	92.7	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.16	9.16	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.33	7.33	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:46	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW

Sample Information

Client Sample ID: **DUP** **York Sample ID:** **14E1031-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/kg dry	7.55	18.9	1	EPA 8081B/8082A	05/30/2014 19:00	06/02/2014 13:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.6 %*	*30-140*

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**	**4620**	B	mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-36-0	Antimony	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-39-3	**Barium**	**26.9**		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-70-2	**Calcium**	**1130**		mg/kg dry	0.555	5.55	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-48-4	**Cobalt**	**6.47**		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-50-8	**Copper**	**13.8**		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7439-89-6	**Iron**	**21200**		mg/kg dry	2.22	2.22	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7439-92-1	**Lead**	**4.81**		mg/kg dry	0.333	0.333	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7439-95-4	**Magnesium**	**1350**		mg/kg dry	5.55	5.55	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7439-96-5	**Manganese**	**325**		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-02-0	**Nickel**	**12.6**		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-09-7	**Potassium**	**964**		mg/kg dry	5.55	5.55	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-23-5	**Sodium**	**83.2**		mg/kg dry	11.1	11.1	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-62-2	**Vanadium**	**26.4**		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW
7440-66-6	**Zinc**	**28.2**		mg/kg dry	1.11	1.11	1	EPA 6010C	05/29/2014 14:07	05/29/2014 18:42	MW

Sample Information

Client Sample ID: DUP | **York Sample ID:** 14E1031-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Soil	May 22, 2014 3:00 pm	05/27/2014

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	0.0367	0.0367	1	EPA 7471B	06/02/2014 10:36	06/02/2014 16:25	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**	**90.0**		%	0.100	0.100	1	SM 2540G	06/02/2014 11:06	06/02/2014 15:22	KK

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	0.555	0.555	1	EPA 9014/9010C	06/03/2014 08:21	06/03/2014 14:21	AD

Sample Information

Client Sample ID: Equipment Blank | **York Sample ID:** 14E1031-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
110-82-7	Cyclohexane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
123-91-1	1,4-Dioxane	ND		ug/L	50	100	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
79-20-9	Methyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
108-87-2	Methylcyclohexane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-09-2	**Methylene chloride**	**3.2**	J	ug/L	2.5	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	05/30/2014 17:00	05/31/2014 07:44	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*70-128*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*81-123*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

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/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM **Log-in Notes:** **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	05/29/2014 07:51	06/02/2014 19:42	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	05/29/2014 07:51	06/02/2014 14:36	SR

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Semi-Volatiles, 8270 - TCL/SOM

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: 2-Fluorophenol*	*18.5 %*			*10-53*						
4165-62-2	*Surrogate: Phenol-d5*	*10.6 %*			*10-39*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.7 %*			*10-120*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.2 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*60.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*53.1 %*			*10-143*						

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B/8082A	05/29/2014 07:49	05/30/2014 14:11	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0456	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0456	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0392	0.0541	1	EPA 8081B/8082A	05/29/2014 07:49	05/29/2014 10:51	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.3 %*	*30-120*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

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	ND		mg/L	0.010	0.010	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	05/29/2014 14:14	05/29/2014 20:00	MW

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **14E1031-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

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/L	0.0002	0.0002	1	EPA 7470	05/29/2014 09:43	05/29/2014 16:45	AA

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

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/L	0.0100	0.0100	1	SM 4500 CN C/E	06/02/2014 07:48	06/02/2014 12:50	AD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14E1031-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.6**	CCV-E , J	ug/L	2.5	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
110-82-7	Cyclohexane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14E1031-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
123-91-1	1,4-Dioxane	ND		ug/L	50	100	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
79-20-9	Methyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
108-87-2	Methylcyclohexane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-09-2	**Methylene chloride**	**4.1**	J	ug/L	2.5	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	05/30/2014 17:00	05/31/2014 08:24	SS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*70-128*
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*81-123*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14E1031-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1031	83 Grand St, Brooklyn NY	Water	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*			*88-114*						

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E1031-01	SP-1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14E1031-02	SP-1 (10-12)	40mL Vial with Stir Bar-Cool 4° C
14E1031-03	SP-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14E1031-04	SP-2 (10-12)	40mL Vial with Stir Bar-Cool 4° C
14E1031-05	SP-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
14E1031-06	SP-3 (2-4)	40mL Vial with Stir Bar-Cool 4° C
14E1031-07	DUP	40mL Vial with Stir Bar-Cool 4° C
14E1031-08	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E1031-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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.

York Project No. 14E1031

YOUR Information

Company: Alpha-Hydro Env.
Address: 1503 Wave Avenue
Medford, NY 11763
Phone No. (631) 448-1862
Contact Person: David Oloke
E-Mail Address:

Report To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: David Oloke
E-Mail Address:

Invoice To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: Accts. Payable
E-Mail Address:

YOUR Project ID

83 Grand st
Brooklyn, NY

Purchase Order No.

Job # 141327

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report X
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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.

David Oloke
Samples Collected/Authorized By (Signature)
David Oloke
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-1 (0-2)	5/22/14	S	FULL TCL & TAL METALS LIST	4(VOAs) 1 (8oz)
SP-1 (10-12)		S	" "	
SP-2 (0-2)		S	" "	
SP-2 (10-12)		S	" "	
SP-3 (0-2)		S	" "	
SP-3 (2-4)		S	" "	
DUP		S	" "	
Equipment Blank		Di-water	" "	2(VOAs) 2 (250ml) 3 (1 filter)
Trip Blank		water	Volatiles	2(VOAs)

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
David Oloke	5/27/14 8:00am	K Barker	5/27/14 1255 PM
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		P Grace	5-27-14 1700

Temperature on Receipt 4.3 °C

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 06/12/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14F0296

Report Date: 06/12/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14F0296

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

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 June 06, 2014 and listed below. The project was identified as your project: **83 Grand St, Brooklyn NY**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14F0296-01	MW-1	Water	06/05/2014	06/06/2014

General Notes for York Project (SDG) No.: 14F0296

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: 06/12/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
67-64-1	**Acetone**	**2.5**	B	ug/L	1.0	2.0	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-27-4	**Bromodichloromethane**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
67-66-3	**Chloroform**	**13**		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.47**	J	ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-09-2	**Methylene chloride**	**2.6**		ug/L	1.0	2.0	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
127-18-4	**Tetrachloroethylene**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
108-88-3	**Toluene**	**0.32**	J, B	ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
79-01-6	**Trichloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	06/10/2014 16:29	06/11/2014 04:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*88-114*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-128*

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

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**	**0.0914**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
120-12-7	**Anthracene**	**0.0914**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
1912-24-9	Atrazine	ND		ug/L	0.571	0.571	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level **Log-in Notes:** **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
218-01-9	Chrysene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.42**	B	ug/L	0.571	0.571	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
206-44-0	**Fluoranthene**	**0.171**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
86-73-7	**Fluorene**	**0.0914**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	0.0229	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	0.571	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
67-72-1	Hexachloroethane	ND		ug/L	0.571	0.571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
91-20-3	**Naphthalene**	**0.274**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Semi-Volatiles, 8270 - TCL/SOM - Low Level

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.286	0.286	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.286	0.286	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
85-01-8	**Phenanthrene**	**0.389**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
129-00-0	**Pyrene**	**0.137**		ug/L	0.0571	0.0571	1	EPA 8270D	06/10/2014 07:48	06/10/2014 16:39	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	06/10/2014 07:48	06/11/2014 14:36	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*27.7 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*20.2 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.4 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.4 %*	*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*47.8 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.2 %*	*10-143*

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/09/2014 07:57	06/09/2014 23:49	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/09/2014 07:57	06/10/2014 15:39	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.8 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.1 %*	GC-Surr	*30-120*

Metals, Dissolved - Target Analyte (TAL)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

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**	**0.014**		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-39-3	**Barium**	**0.030**		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-70-2	**Calcium**	**51.9**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7439-95-4	**Magnesium**	**13.8**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7439-96-5	**Manganese**	**0.154**		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-09-7	**Potassium**	**5.28**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Metals, Dissolved - Target Analyte (TAL)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-23-5	**Sodium**	**38.1**		mg/L	0.100	0.100	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:13	06/10/2014 21:49	MW

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

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**	**0.948**		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-39-3	**Barium**	**0.042**		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-70-2	**Calcium**	**51.8**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7439-89-6	**Iron**	**0.969**		mg/L	0.020	0.020	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7439-92-1	**Lead**	**0.008**		mg/L	0.003	0.003	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7439-95-4	**Magnesium**	**14.5**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7439-96-5	**Manganese**	**0.212**		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-09-7	**Potassium**	**5.71**		mg/L	0.050	0.050	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-23-5	**Sodium**	**38.4**		mg/L	0.100	0.100	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW
7440-66-6	**Zinc**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	06/10/2014 13:17	06/11/2014 00:03	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0296-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0296	83 Grand St, Brooklyn NY	Water	June 5, 2014 3:45 pm	06/06/2014

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

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/L	0.0002	0.0002	1	EPA 7470	06/09/2014 10:45	06/09/2014 18:03	AA

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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/L	0.00020	0.00020	1	EPA 7473	06/09/2014 13:10	06/09/2014 18:16	ALD

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

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/L	0.0100	0.0100	1	SM 4500 CN C/E	06/11/2014 07:35	06/12/2014 13:45	AD

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14F0296-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 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.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
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.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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.

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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.

York Project No. 14F0296

YOUR Information	Report To:	Invoice To:
Company: Alpha-Hydro Env	Company: Alpha-Hydro Env	Company: Alpha-Hydro Env
Address: 1503 Wave Ave Medford, NY 11763	Address:	Address:
Phone No. (631) 448-1862	Phone No.	Phone No.
Contact Person: David Oloke	Attention: David Oloke	Attention: Accts. Payable
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 83 Grand St Brooklyn NY

Purchase Order No.: Job # 141327

Samples from: CT___ NY___ NJ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ✓

Report Type
- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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.

David Oloke
Samples Collected/Authorized By (Signature)

David Oloke
Name (printed)

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	6/5/14 3:45 PM	GW	FULL TCL, TAL METALS, TAL METALS DISSOLVED	2-VOAs, 3-250mL, 3-1L

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
David Oloke	6/6/14 8:30 AM	K Baker	6/6/14 1250 pm
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Yuhan	6/6/14 1640

Temperature on Receipt 4.1 °C

Technical Report

prepared for:

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

Report Date: 05/30/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14E1012

Report Date: 05/30/2014
Client Project ID: 83 Grand St, Brooklyn NY
York Project (SDG) No.: 14E1012

Alpha-Hydro Environmental
1503 Wave Avenue
Medford NY, 11763
Attention: David Oloke

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 27, 2014 and listed below. The project was identified as your project: **83 Grand St, Brooklyn NY**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14E1012-01	SV-1	Soil Vapor	05/22/2014	05/27/2014
14E1012-02	SV-2	Soil Vapor	05/22/2014	05/27/2014
14E1012-03	SV-3	Soil Vapor	05/22/2014	05/27/2014

General Notes for York Project (SDG) No.: 14E1012

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:** 05/30/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14E1012-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	4.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.1	6.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
108-88-3	**Toluene**	**62**		ug/m³	6.5	6.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
109-99-9	*** Tetrahydrofuran**	**20**		ug/m³	5.1	5.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
100-42-5	Styrene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
115-07-1	* Propylene	ND		ug/m³	3.0	3.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
622-96-8	*** p-Ethyltoluene**	**11**		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
179601-23-1	**p- & m- Xylenes**	**40**		ug/m³	15	15	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
95-47-6	**o-Xylene**	**13**		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
110-54-3	**n-Hexane**	**46**		ug/m³	6.1	6.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
142-82-5	**n-Heptane**	**11**		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-09-2	**Methylene chloride**	**80**		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
67-63-0	Isopropanol	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
100-41-4	**Ethyl Benzene**	**11**		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
110-82-7	Cyclohexane	ND		ug/m³	6.0	6.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
74-87-3	Chloromethane	ND		ug/m³	3.6	3.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
67-66-3	Chloroform	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-00-3	Chloroethane	ND		ug/m³	4.6	4.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.7	2.7	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.4	5.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
74-83-9	Bromomethane	ND		ug/m³	6.7	6.7	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-25-2	Bromoform	ND		ug/m³	18	18	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.0	9.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
71-43-2	Benzene	ND		ug/m³	5.5	5.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
67-64-1	**Acetone**	**470**		ug/m³	4.1	4.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
591-78-6	*** 2-Hexanone**	**15**		ug/m³	14	14	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
78-93-3	**2-Butanone**	**72**		ug/m³	5.1	5.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14E1012-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.8	9.8	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.6	8.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 21:30	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.6 %*	*72-118*

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14E1012-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	4.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.1	6.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14E1012-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
108-88-3	**Toluene**	**71**		ug/m³	6.5	6.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.1	5.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
100-42-5	Styrene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
115-07-1	* Propylene	ND		ug/m³	3.0	3.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
622-96-8	*** p-Ethyltoluene**	**16**		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
179601-23-1	**p- & m- Xylenes**	**48**		ug/m³	15	15	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
95-47-6	**o-Xylene**	**20**		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
110-54-3	**n-Hexane**	**2800**		ug/m³	12	12	34.16	EPA TO-15	05/28/2014 12:53	05/29/2014 08:05	ALD
142-82-5	**n-Heptane**	**1100**		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-09-2	Methylene chloride	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
67-63-0	Isopropanol	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
100-41-4	**Ethyl Benzene**	**15**		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
110-82-7	**Cyclohexane**	**7.2**		ug/m³	6.0	6.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
74-87-3	Chloromethane	ND		ug/m³	3.6	3.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
67-66-3	Chloroform	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-00-3	Chloroethane	ND		ug/m³	4.6	4.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.7	2.7	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.4	5.4	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
74-83-9	Bromomethane	ND		ug/m³	6.7	6.7	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-25-2	Bromoform	ND		ug/m³	18	18	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.0	9.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
71-43-2	Benzene	ND		ug/m³	5.5	5.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
67-64-1	**Acetone**	**530**		ug/m³	4.1	4.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
78-93-3	**2-Butanone**	**92**		ug/m³	5.1	5.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14E1012-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	7.5	7.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**16**		ug/m³	8.5	8.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.9	6.9	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.8	9.8	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.5	9.5	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.6	8.6	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.1	7.1	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.0	8.0	17.08	EPA TO-15	05/28/2014 12:53	05/28/2014 22:20	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.3 %*	*72-118*

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14E1012-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.6	4.6	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.3	6.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.4	2.4	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14E1012-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**37**		ug/m³	6.8	6.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.3	5.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
100-42-5	Styrene	ND		ug/m³	7.7	7.7	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
115-07-1	* Propylene	ND		ug/m³	3.1	3.1	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
622-96-8	*** p-Ethyltoluene**	**11**		ug/m³	8.8	8.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
179601-23-1	**p- & m- Xylenes**	**30**		ug/m³	16	16	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
95-47-6	**o-Xylene**	**10**		ug/m³	7.8	7.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
110-54-3	n-Hexane	ND		ug/m³	6.3	6.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
142-82-5	n-Heptane	ND		ug/m³	7.4	7.4	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-09-2	Methylene chloride	ND		ug/m³	12	12	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.5	6.5	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.4	7.4	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
67-63-0	Isopropanol	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
100-41-4	**Ethyl Benzene**	**7.8**		ug/m³	7.8	7.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
110-82-7	Cyclohexane	ND		ug/m³	6.2	6.2	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
74-87-3	Chloromethane	ND		ug/m³	3.7	3.7	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
67-66-3	Chloroform	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-00-3	Chloroethane	ND		ug/m³	4.7	4.7	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.8	2.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.6	5.6	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
74-83-9	Bromomethane	ND		ug/m³	7.0	7.0	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-25-2	Bromoform	ND		ug/m³	19	19	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.3	9.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
71-43-2	Benzene	ND		ug/m³	5.7	5.7	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
67-64-1	**Acetone**	**70**		ug/m³	4.3	4.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	15	15	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
78-93-3	**2-Butanone**	**16**		ug/m³	5.3	5.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.5	6.5	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	7.8	7.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14E1012-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E1012	83 Grand St, Brooklyn NY	Soil Vapor	May 22, 2014 3:00 pm	05/27/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.3	8.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.3	7.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	8.8	8.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.3	7.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.8	9.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	14	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.8	9.8	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.9	8.9	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.4	7.4	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.3	8.3	17.68	EPA TO-15	05/28/2014 12:53	05/28/2014 23:09	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.5 %*	*72-118*

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

---

*	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.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

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 unless superseded by written contract.

York Project No. 14E1012

YOUR Information

Company: Alpha-Hydro Env.
Address: 1503 Wave Ave
Medford, NY 11763
Phone No. (631)448-1862
Contact Person: David Oloke
E-Mail Address:

Report To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: David Oloke
E-Mail Address:

Invoice To:

Company: Alpha-Hydro Env
Address:
Phone No.
Attention: Accts. Payable
E-Mail Address:

YOUR Project ID

83 Grand st
Brook

Purchase Order No.

Job #141327

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type/Deliverables

- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) ___
- Standard Excel ___
- Regulatory Comparison Excel ___

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.

David Oloke
Samples Collected/Authorized By (Signature)

David Oloke
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- Project Specific List by TO-15
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ___

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1	5/22/14	AS	-22	-1	EPA TO-15 Volatiles	6 Liter Summa canister X / Tedlar Bag
SV-2	5/22/14	AS	-25	-1	EPA TO-15 Volatiles	6 Liter Summa canister X / Tedlar Bag
SV-3	5/22/14	AS	-30	-3	EPA TO-15 Volatiles	6 Liter Summa canister X / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___

Comments

David Oloke 5/27/14 8:00 AM
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

K Barker 5/27/14 1255 PM
Samples Received By — Date/Time

P Grace 5-27-14 1700
Samples Received in LAB by — Date/Time