



**DATA USABILITY SUMMARY REPORT (DUSR)**

Client: ERM, Melville, New York

Site: Webster Avenue, Bronx, New York

SDG #s: JB84478

Laboratory: Accutest Laboratories – Dayton, New Jersey

Date: January 2, 2015

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
01	TB121714	JB84478-1	QC
02	FB121714	JB84478-2	QC
03	ERM-SB-08(0-2')	JB84478-3	Soil
04	ERM-SB-08(2-4')	JB84478-4	Soil
05	ERM-SB-09(0-2')	JB84478-5	Soil
06	DUP121714 (ERM-SB-09(0-2'))	JB84478-6	Soil
07 *	ERM-SB-09(2-4')	JB84478-7	Soil
08	ERM-SB-09(6-8')	JB84478-8	Soil
09	ERM-SB-10(0-2')	JB84478-9	Soil
09 MS	ERM-SB-10(0-2') MS	JB84478-9S	Soil QC
09 MSD	ERM-SB-10(0-2') MSD	JB84478-9D	Soil QC
10	ERM-SB-10(2-4')	JB84478-10	Soil
11	ERM-SB-10(13-15')	JB84478-11	Soil
12	ERM-SB-11(0-2')	JB84478-12	Soil
13	ERM-SB-11(2-4')	JB84478-13	Soil
14	ERM-SB-11(13-15')	JB84478-14	Soil
15	ERM-SB-08(13-15')	JB84478-15	Soil
16	ERM-SB-12(0-2')	JB84478-16	Soil
17	ERM-SB-12(2-4')	JB84478-17	Soil
18	ERM-SB-13(0-2')	JB84478-18	Soil
19	ERM-SB-13(2-4')	JB84478-19	Soil
20	ERM-SB-12(13-15')	JB84478-20	Soil
21	ERM-SB-13(13-15')	JB84478-21	Soil
22	ERM-SB-14(0-2')	JB84478-22	Soil
23	ERM-SB-14(2-4')	JB84478-23	Soil
24	ERM-SB-14(13-15')	JB84478-24	Soil

Note (s): The analysis for several samples was listed on the Chain-of-Custody (COC) as HOLD. All samples except EDS ID 07 were removed from HOLD and had their requested analyses performed. No results are provided for EDS ID 07.

The laboratory reports positively identified results between the reporting limit (RL) and the method detection limit (MDL) with a J. These results are considered estimated, however still valid and useable for project objectives.

The laboratory reports non-detects as ND on their Form Is for organic analyses and < for inorganic analyses. Any qualification that requires non-detects to be qualified as estimated, UJ, will be presented on the Form Is as ND J for organics and < J for inorganics.

**VOLATILE ORGANIC COMPOUNDS**  
USEPA SW-846 8260C

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C, and the reviewer’s professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - All surrogate percent recoveries (%R) met QC criteria.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. No qualification of sample data is performed from the batch QC. All %R and relative percent difference (RPD) met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Chloromethane	135&137/OK	None *

\* No action is required as the bias is high and the compound was a non-detect in the associated sample.

Matrix Duplicate (MD) – All RPD were within QC criteria in the MD except for those listed in the table below.

QC Sample (EDS ID)	Compound (s)	RPD	Action
10	m,p-Xylene o-Xylene Xylene (total)	NC	None *

\* The RPD was not calculable (NC). No action is required as the amount detected is less than 2x the RL.

Blank Spike Samples (BSS) – All %R met QC criteria except those listed in the table below.

QC Sample	Compound(s)	%R (QC Limits)	Associated EDS IDs	Action
V4D2451-BS	1,2-Dichloroethane	136 (75-133)	02	None *
VY6581-BS	cis-1,2-Dichloropropene	120 (75-115)	04, 10, 13, 17, 19, 22, 24	None *

\* No action is required as the bias is high and all compounds were non-detects in all associated samples.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank/Trip Blank (FB/TB) - The field blank and trip blank exhibited no target compounds.

GC/MS Tuning - All of the BFB tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited acceptable %RSD and mean relative response factor (RRF) values.

Continuing Calibration (CCV) – The CCVs exhibited acceptable percent deviation (%D) and RRF values except those listed in the table below.

QC Sample	Compound	%D	Associated EDS IDs	Action
V4D2451-CC2327	Carbon Tetrachloride	-28.8	2	J/UJ
	1,2-Dichloroethane	-41.8		
	Bromodichloromethane	28.2		
VY6580-CC6568	Acetone	-91.3	23	J/UJ
	2-Butanone	-77.1		
	2-Hexanone	-60.3		

Internal Standard (IS) Area Performance - All internal standards met area response and retention time (RT) criteria.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Acetone was positively identified in EDS ID 05 (5.1 J ug/kg) but not in EDS ID 06 (12 U ug/kg). No qualification of the sample data is required as the concentration of Acetone detected was less than 2x the RL. m+p-Xylene, o-Xylene, and Xylene (total) were positively identified in EDS ID 06 (0.98, 0.38, and 1.4 ug/kg respectively) but not in EDS ID 05 (1.2 U ug/kg for all). Again, no qualification of the sample data is required as the concentrations of m+p-Xylene, o-Xylene, and Xylene (total) detected were less than 2x the RL. All other compounds compared well.

Sample Analysis - No issues were observed.

**SEMIVOLATILE ORGANIC COMPOUNDS**  
USEPA SW-846 8270D

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - All surrogate %R were within QC criteria except those listed below. Data are not qualified with respect to surrogate %R unless two or more semivolatile surrogates, within the same fraction, are out of QC limits. No qualification of the sample data is therefore required.

Sample (EDS ID)	Surrogate Compound(s)	%R (QC criteria)	Action
4	2,4,6-Tribromophenol	128 (20-123)	None
OP80556-BS1	2,4,6-Tribromophenol	126 (20-123)	None

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly. QC applicable to field blanks has not been listed as qualification of those QC samples is not performed.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Atrazine	OK/42	UJ *
4 (lab selected)	See Note **	See Note **	See Note **

\* Compound was a non-detect in EDS ID 09.

\*\* Sample was selected by lab for batch QC. Sample was reanalyzed at a dilution due to the elevated presence of several target compounds and a possible matrix interference. An evaluation of the accuracy and precision could not be performed and therefore no data has been qualified.

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the soil samples exhibited no target compounds. The method blank applicable to the field blank, EDS ID 02, exhibited bis(2- Ethylhexyl)phthalate, 2-Methylnaphthalene, and Naphthalene. No qualification of the sample data has been performed on the FB. Some system artifacts or aldol-condensation products were observed as TICs, but these do not require qualification.

Field Blank (FB) - The field blank exhibited no target compounds except Di-n-butyl phthalate (1.5 ug/l) and bis(2-Ethylhexyl)phthalate (3.7 ug/l). Di-n-butyl phthalate or bis(2-Ethylhexyl)phthalate detected in any associated sample at a concentration less than 10x that found in the FB is considered attributable to possible field contamination and negated and qualified U. All concentrations positively identified were greater than 10x are considered real and do not require qualification.

GC/MS Tuning - All of the DFTPP tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited acceptable %RSD and mean RRF values.

Continuing Calibration (CCV) – The CCVs exhibited acceptable %D and RRF values except those listed in the table below. CCVs associated with QC samples only have not been listed.

QC Sample	Compound	%D	Associated EDS IDs	Action
E2P1880-CC1876	2,4-Dinitrophenol	-30.6	3, 4, 5, 6, 10, 11, 12, 14, 17, 19, 23, 24	None *
E3P1693-CC1653	bis(2-Chloroisopropyl)ether aka 2,2'-Oxybis-(1-chloropropane)	40.1	4, 8, 9, 13, 16, 18, 22	None *
	Hexachlorobutadiene	-30.7		None *

\* Compound was a non-detect in associated samples.

Internal Standard (IS) Area Performance - All IS area responses and RT criteria were met.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Benzo(a)anthracene (184 ug/kg), Benzo(a)pyrene (201 ug/kg), Benzo(b)fluoranthene (188 ug/kg), Benzo(g,h,i)perylene (184 ug/kg), Chrysene (162 ug/kg), and Fluoranthene (197 ug/kg) were positively identified in EDS ID 05 but not in EDS ID 06 (320 U ug/kg for all). No qualification of the sample data is required as the concentration of the compounds listed were less than 2x the RL.

Sample Analysis – The table below summarizes samples that were analyzed at a dilution. Several samples were initially analyzed at a dilution due to matrix interferences and/or the viscous nature of the sample extracts. The dilutions were justified and all target compounds were within the calibration range of the instrument, therefore no further action was required and no qualification of the sample data is necessary. No compounds (NA) have been listed in the table for this occurrence. Samples were also reanalyzed at dilutions due to target compounds exceeding the calibration range of the instrument. These samples have been listed in this table with a DL suffix after the EDS ID. The laboratory has reported the final result for all compounds on the Form I and footnoted which results are from the secondary analysis. Only the compounds listed in the table below are reported from the diluted analysis. Again, no qualification of the sample data is required.

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
3	NA	10 x
4 DL	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Chrysene, bis(2-Ethylhexyl)phthalate, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene	10 x
5	NA	10 x
6	NA	10 x
8	NA	5 x
12	NA	10 x
16 DL	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene	2 x
17	NA	2 x
18	NA	2 x
22	NA	2 x
23	NA	2 x

No other issues were observed.

### PESTICIDE ORGANIC COMPOUNDS USEPA SW-846 8081B

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-44, Revision 1, October 2006: Validating Pesticide Organic Compounds by SW-846 Method 8081, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - The %R for Decachlorobiphenyl (DCB) and Tetrachloro-m-xylene (TCX) were within QC criteria in all samples on both the primary (1°) analytical column and the confirmation (2°) analytical column except those listed below.

Sample (EDS ID)	Surrogate Compound (s)	%R (QC criteria)	Action
04	DCB (2°)	214 (10-144)	NA *
08 DL	TCX (1°)	0 (10-129)	J / NA **
	TCX (2°)	0 (10-129)	
	DCB (1°)	0 (10-144)	
	DCB (2°)	0 (10-144)	
10	DCB (2°)	186 (10-144)	NA *
23	DCB (2°)	147 (10-144)	NA *

\* - No qualification is required as the %R was within QC criteria on the 1° column, and outside QC criteria on the 2° column.

\*\* - Professional Judgement. Positives qualified J while non-detects do not require qualification..

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
09	4,4'-DDT Methoxychlor	209 & 351 / OK OK & 181 / OK	J * None **

\* The bias is high and the compound was a positive detect in the associated sample.

\*\* The bias is high and the compound was a non-detect in the associated sample.

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank (FB) - The field blank exhibited no target compounds.

Calibration - The initial and continuing calibrations met QC criteria. The laboratory noted on the Form I for EDS ID 13 that the result for gamma-Chlordane is reported from the confirmation analytical column and that the criteria were exceeded on the primary analytical column. No qualification of the sample data is required.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Results between the sample and the blind field duplicate differed by more than 100% for 4,4'-DDD and 4,4'-DDT. Results for these compounds in EDS ID 05 and 06 only have been qualified J. All other results matched well.

Sample Analysis – The table below summarizes samples that were reanalyzed at dilutions due to target compounds exceeding the calibration range of the instrument in the initial analyses. These samples have been listed in this table with a DL suffix after the EDS ID. The laboratory has reported the final result for all compounds on the Form I and footnoted which results are from the secondary analysis. Only the compounds listed in the table below are reported from the diluted analysis. The dilutions were justified therefore no further action was required and no qualification of the sample data is necessary.

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
4 DL	4,4'-DDT	10 x
8 DL	alpha-Chlordane, gamma-Chlordane, Dieldrin, 4,4'-DDE, 4,4'-DDT, Methoxychlor	20 x
10 DL	4,4'-DDT	10 x
13 DL	4,4'-DDT	10 x

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
17 DL	alpha-Chlordane, gamma-Chlordane, Dieldrin, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT	10 x
18 DL	4,4'-DDT	5 x
23 DL	4,4'-DDT	10 x

The table below includes samples where the RPD between the concentrations of the positively identified compound listed differed by more than 40% between the two analytical GC columns. The lower of the two concentrations have been reported. These results are considered estimated and have been qualified J.

Sample (EDS ID)	Compound (s)	%D
4	4,4'-DDD	40.2
	Heptachlor epoxide	96.1
5	Dieldrin	55.6
	4,4'-DDE	46.9
6	Dieldrin	42.1
	4,4'-DDE	47.1
8	alpha-Chlordane	75.8
	Heptachlor	103.1
	Methoxychlor	62.6
9	4,4'-DDE	69.4
	Heptachlor epoxide	104.5
12	Dieldrin	47.6
	4,4'-DDE	56.4
	Heptachlor epoxide	53.7
13	4,4'-DDE	54.5
	Heptachlor epoxide	151.2
17	alpha-Chlordane	75.5
	Heptachlor epoxide	99.1

No other issues were observed.

### POLYCHLORINATED BIPHENYL COMPOUNDS USEPA SW-846 8082A

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-45, Revision 1, October 2006: Validating PCB Compounds by SW-846 Method 8082A, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - The %R for DCB and TCX were within QC criteria in all samples on both the primary (1°) and confirmation (2°) analytical column except those listed below.



Sample (EDS ID)	Surrogate Compound (s)	%R (QC criteria)	Action
4	DCB (1°)	162 (10-155)	NA *

\* - No qualification of the sample data is required as no positive detections were observed.

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Aroclor 1016 Aroclor 1260	OK & OK / 84 OK & OK / 175	J / UJ entire sample

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank (FB) - The field blank exhibited no target compounds.

Calibration - The initial and continuing calibrations met QC criteria.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. All results matched well.

Sample Analysis – No issues were observed.

## METALS

USEPA SW-846 6010C/7470A-7471B

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Inorganic Data Review (August 2014), the USEPA Region II Data Review SOP Numbers HW-2a, Revision 15, December 2012: ICP-AES Data Validation and HW-2c, Revision 15, December 2012: Mercury and Cyanide Data Validation, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Initial and Continuing Calibration - The calibrations applicable to the samples in this project met QC criteria.

CRQL Standard – The CRQL standard met QC criteria. No major issues were observed.

Blanks - The initial calibration, continuing calibration, and preparation blanks exhibited no target analytes that required qualification of the sample data.

ICP Interference Check Sample – All %R were within QC criteria.

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly. QC applicable to field blanks has not been listed as qualification of those QC samples is not performed

QC Sample (EDS ID)	Analyte (s)	%R / RPD	Action	Associated Samples
9 Batch MP83978	Aluminum	OK & 49.1 / 20.2	J/UJ	3, 5, 6, 8, 9, 11, 12, 14, 15, 16, 18, 20, 21, 22, 23
	Antimony	58.9 & 61.2 / OK	J/UJ	
	Barium	127.4 & 63.7 / 51.6	J/UJ	
	Lead	619.9 & OK / 109.3	J/UJ	
	Magnesium	153.2 & 164.3 / OK	J/NA	
	Manganese	65.1 & 63.2 / OK	J/UJ	
	Potassium	145.8 & OK / 39.4	J/UJ	
	Zinc	64.6 & 46.2 / OK	J/UJ	
13 (lab selected) Batch MP83996	Antimony	61.8 & 64.4 / OK	J/UJ	4, 10, 13, 17, 19, 24
	Magnesium	213.6 & 318.5 / 20.5	J/UJ	

Blank Spike Sample (BSS) - The BSS samples exhibited acceptable %R values.

ICP Serial Dilution (SD) – The serial dilutions exhibited acceptable RPD except for those listed in the table below.

QC Sample (EDS ID)	Analyte (s)	%D	Action	Associated Samples
9 Batch MP83978	Calcium	11.1	NA *	3, 5, 6, 8, 9, 11, 12, 14, 15, 16, 18, 20, 21, 22, 23
	Iron	10.9		
	Zinc	11.9		
13 (lab selected) Batch MP83996	Sodium	10.7	NA *	4, 10, 13, 17, 19, 24
	Vanadium	10.9		

\*Validation Criteria for soil is 15%.

Field Blank (FB) - The field blank exhibited no target compounds.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Arsenic was positively identified in EDS ID 05 (2.2 mg/kg) but not in EDS ID 06 (2.1 U mg/kg). No qualification of the sample data is required as the concentration of Arsenic detected was less than 2x the RL. Mercury was positively identified in EDS ID 06 (0.041 mg/kg) but not in EDS ID 05 (0.033 U mg/kg). Again, no qualification of the sample data is required as the concentration of Mercury detected was less than 2x the RL. All other compounds compared well.

Sample Analysis – No issues were observed.

# **VOLATILE ORGANIC COMPOUNDS**

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	TB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-1	Date Received:	12/17/14
Matrix:	SO - Trip Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150835.D	1	12/18/14	PS	n/a	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	1.5	ug/kg	
71-43-2	Benzene	ND	1.0	0.17	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.24	ug/kg	
75-25-2	Bromoform	ND	5.0	0.11	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.29	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	1.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.12	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.24	ug/kg	
67-66-3	Chloroform	ND	5.0	0.10	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.30	ug/kg	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.52	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.12	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.25	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.26	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.17	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.11	ug/kg	
76-13-1	Freon 113	ND	5.0	0.29	ug/kg	
591-78-6	2-Hexanone	ND	5.0	0.56	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	TB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-1	Date Received:	12/17/14
Matrix:	SO - Trip Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	0.48	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.32	ug/kg	
75-09-2	Methylene chloride	ND	5.0	0.95	ug/kg	
100-42-5	Styrene	ND	5.0	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.15	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.20	ug/kg	
108-88-3	Toluene	ND	1.0	0.15	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.18	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.17	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.14	ug/kg	
	m,p-Xylene	ND	1.0	0.23	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.14	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		59-130%
17060-07-0	1,2-Dichloroethane-D4	104%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D55169.D	1	12/22/14	PR	n/a	n/a	V4D2451
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.7	ug/l	
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	J
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	J
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		79-120%
17060-07-0	1,2-Dichloroethane-D4	109%		72-123%
2037-26-5	Toluene-D8	90%		78-119%
460-00-4	4-Bromofluorobenzene	90%		74-119%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150840.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.3 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	123	13	1.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.22	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	6.4	0.31	ug/kg	
75-25-2	Bromoform	ND	6.4	0.14	ug/kg	
74-83-9	Bromomethane	ND	6.4	0.37	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.4	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.4	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	6.4	0.16	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.31	ug/kg	
67-66-3	Chloroform	ND	6.4	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.4	0.39	ug/kg	
110-82-7	Cyclohexane	ND	6.4	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	6.4	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.4	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.4	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.4	0.33	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.4	0.24	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.4	0.22	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.4	0.22	ug/kg	
100-41-4	Ethylbenzene	4.0	1.3	0.14	ug/kg	
76-13-1	Freon 113	ND	6.4	0.37	ug/kg	
591-78-6	2-Hexanone	ND	6.4	0.72	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.4	0.20	ug/kg	
79-20-9	Methyl Acetate	ND	6.4	0.62	ug/kg	
108-87-2	Methylcyclohexane	ND	6.4	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.21	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	0.41	ug/kg	
75-09-2	Methylene chloride	ND	6.4	1.2	ug/kg	
100-42-5	Styrene	ND	6.4	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.4	0.19	ug/kg	
127-18-4	Tetrachloroethene	0.37	6.4	0.25	ug/kg	J
108-88-3	Toluene	0.35	1.3	0.19	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.4	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.4	0.23	ug/kg	
79-01-6	Trichloroethene	ND	6.4	0.25	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.21	ug/kg	
75-01-4	Vinyl chloride	ND	6.4	0.18	ug/kg	
	m,p-Xylene	18.9	1.3	0.29	ug/kg	
95-47-6	o-Xylene	6.3	1.3	0.18	ug/kg	
1330-20-7	Xylene (total)	25.2	1.3	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		59-130%
17060-07-0	1,2-Dichloroethane-D4	109%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150868.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.5	12	1.8	ug/kg	J
71-43-2	Benzene	ND	1.2	0.21	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	0.30	ug/kg	
75-25-2	Bromoform	ND	6.1	0.13	ug/kg	
74-83-9	Bromomethane	ND	6.1	0.36	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	0.29	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	0.15	ug/kg	
75-00-3	Chloroethane	ND	6.1	0.29	ug/kg	
67-66-3	Chloroform	ND	6.1	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.1	0.37	ug/kg	
110-82-7	Cyclohexane	ND	6.1	0.43	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	6.1	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.1	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.1	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.1	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.1	0.30	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.1	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.1	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	0.21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.13	ug/kg	
76-13-1	Freon 113	ND	6.1	0.35	ug/kg	
591-78-6	2-Hexanone	ND	6.1	0.68	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.1	0.19	ug/kg	
79-20-9	Methyl Acetate	ND	6.1	0.59	ug/kg	
108-87-2	Methylcyclohexane	ND	6.1	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.20	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.1	0.39	ug/kg	
75-09-2	Methylene chloride	ND	6.1	1.2	ug/kg	
100-42-5	Styrene	ND	6.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	0.18	ug/kg	
127-18-4	Tetrachloroethene	0.77	6.1	0.24	ug/kg	J
108-88-3	Toluene	ND	1.2	0.18	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	0.22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.1	0.24	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	0.17	ug/kg	
	m,p-Xylene	0.56	1.2	0.28	ug/kg	J
95-47-6	o-Xylene	0.25	1.2	0.17	ug/kg	J
1330-20-7	Xylene (total)	0.81	1.2	0.17	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	110%		65-123%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	97%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150837.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.1	12	1.7	ug/kg	J
71-43-2	Benzene	ND	1.2	0.20	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	0.28	ug/kg	
75-25-2	Bromoform	ND	5.8	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.28	ug/kg	
67-66-3	Chloroform	ND	5.8	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.35	ug/kg	
110-82-7	Cyclohexane	ND	5.8	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	5.8	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.8	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.8	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.8	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.8	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.8	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.8	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.12	ug/kg	
76-13-1	Freon 113	ND	5.8	0.34	ug/kg	
591-78-6	2-Hexanone	ND	5.8	0.65	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.8	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	0.57	ug/kg	
108-87-2	Methylcyclohexane	ND	5.8	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	5.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	5.8	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.17	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.8	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	0.16	ug/kg	
	m,p-Xylene	ND	1.2	0.26	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		59-130%
17060-07-0	1,2-Dichloroethane-D4	108%		65-123%
2037-26-5	Toluene-D8	97%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150838.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	1.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.20	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	0.28	ug/kg	
75-25-2	Bromoform	ND	5.8	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.28	ug/kg	
67-66-3	Chloroform	ND	5.8	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.35	ug/kg	
110-82-7	Cyclohexane	ND	5.8	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	5.8	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.8	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.8	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.8	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.8	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.8	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.8	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.12	ug/kg	
76-13-1	Freon 113	ND	5.8	0.34	ug/kg	
591-78-6	2-Hexanone	ND	5.8	0.65	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.8	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	0.57	ug/kg	
108-87-2	Methylcyclohexane	ND	5.8	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	5.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	5.8	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.17	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.8	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	0.16	ug/kg	
	m,p-Xylene	0.98	1.2	0.26	ug/kg	J
95-47-6	o-Xylene	0.38	1.2	0.16	ug/kg	J
1330-20-7	Xylene (total)	1.4	1.2	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	96%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150839.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.0 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.25	ug/kg	
74-97-5	Bromochloromethane	ND	7.1	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	7.1	0.34	ug/kg	
75-25-2	Bromoform	ND	7.1	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.1	0.41	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	7.1	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	7.1	0.34	ug/kg	
67-66-3	Chloroform	ND	7.1	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.1	0.42	ug/kg	
110-82-7	Cyclohexane	ND	7.1	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	7.1	0.19	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.1	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.1	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.1	0.23	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.1	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.1	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.1	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.1	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.1	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.1	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.1	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.15	ug/kg	
76-13-1	Freon 113	ND	7.1	0.41	ug/kg	
591-78-6	2-Hexanone	ND	7.1	0.79	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.1	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.1	0.68	ug/kg	
108-87-2	Methylcyclohexane	ND	7.1	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.23	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.1	0.45	ug/kg	
75-09-2	Methylene chloride	ND	7.1	1.3	ug/kg	
100-42-5	Styrene	ND	7.1	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.1	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.1	0.28	ug/kg	
108-88-3	Toluene	ND	1.4	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.1	0.21	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	0.25	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.1	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.1	0.25	ug/kg	
79-01-6	Trichloroethene	ND	7.1	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.1	0.23	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	0.20	ug/kg	
	m,p-Xylene	ND	1.4	0.32	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150836.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.2 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.7	13	1.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.23	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	6.6	0.32	ug/kg	
75-25-2	Bromoform	ND	6.6	0.14	ug/kg	
74-83-9	Bromomethane	ND	6.6	0.38	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.6	0.19	ug/kg	
108-90-7	Chlorobenzene	ND	6.6	0.16	ug/kg	
75-00-3	Chloroethane	ND	6.6	0.31	ug/kg	
67-66-3	Chloroform	ND	6.6	0.14	ug/kg	
74-87-3	Chloromethane	ND	6.6	0.39	ug/kg	
110-82-7	Cyclohexane	ND	6.6	0.46	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	6.6	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.22	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.6	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.6	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.6	0.34	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.6	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.6	0.22	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	0.22	ug/kg	
100-41-4	Ethylbenzene	0.45	1.3	0.14	ug/kg	J
76-13-1	Freon 113	ND	6.6	0.38	ug/kg	
591-78-6	2-Hexanone	ND	6.6	0.73	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.6	0.20	ug/kg	
79-20-9	Methyl Acetate	ND	6.6	0.64	ug/kg	
108-87-2	Methylcyclohexane	ND	6.6	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.22	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.6	0.42	ug/kg	
75-09-2	Methylene chloride	ND	6.6	1.2	ug/kg	
100-42-5	Styrene	ND	6.6	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	6.6	0.26	ug/kg	
108-88-3	Toluene	ND	1.3	0.20	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.24	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.6	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.6	0.24	ug/kg	
79-01-6	Trichloroethene	ND	6.6	0.26	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	0.22	ug/kg	
75-01-4	Vinyl chloride	ND	6.6	0.19	ug/kg	
	m,p-Xylene	1.8	1.3	0.30	ug/kg	
95-47-6	o-Xylene	0.66	1.3	0.19	ug/kg	J
1330-20-7	Xylene (total)	2.4	1.3	0.19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	97%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150869.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	3.9 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	15	2.2	ug/kg	
71-43-2	Benzene	ND	1.5	0.26	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	7.5	0.36	ug/kg	
75-25-2	Bromoform	ND	7.5	0.16	ug/kg	
74-83-9	Bromomethane	ND	7.5	0.43	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	7.5	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.5	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	7.5	0.18	ug/kg	
75-00-3	Chloroethane	ND	7.5	0.35	ug/kg	
67-66-3	Chloroform	ND	7.5	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.5	0.45	ug/kg	
110-82-7	Cyclohexane	ND	7.5	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	15	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	7.5	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.23	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.5	0.24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.5	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.5	0.25	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.5	0.53	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.5	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.5	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.5	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.5	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.5	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.5	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.16	ug/kg	
76-13-1	Freon 113	ND	7.5	0.43	ug/kg	
591-78-6	2-Hexanone	ND	7.5	0.83	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.5	0.23	ug/kg	
79-20-9	Methyl Acetate	ND	7.5	0.72	ug/kg	
108-87-2	Methylcyclohexane	ND	7.5	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.25	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.5	0.48	ug/kg	
75-09-2	Methylene chloride	ND	7.5	1.4	ug/kg	
100-42-5	Styrene	ND	7.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	7.5	0.29	ug/kg	
108-88-3	Toluene	ND	1.5	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	0.23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	0.27	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.5	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.5	0.27	ug/kg	
79-01-6	Trichloroethene	ND	7.5	0.29	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	0.25	ug/kg	
75-01-4	Vinyl chloride	ND	7.5	0.21	ug/kg	
	m,p-Xylene	0.58	1.5	0.34	ug/kg	J
95-47-6	o-Xylene	ND	1.5	0.21	ug/kg	
1330-20-7	Xylene (total)	0.58	1.5	0.21	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		59-130%
17060-07-0	1,2-Dichloroethane-D4	108%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150841.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	1.7	ug/kg	
71-43-2	Benzene	ND	1.1	0.19	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	0.27	ug/kg	
75-25-2	Bromoform	ND	5.6	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.27	ug/kg	
67-66-3	Chloroform	ND	5.6	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.6	0.33	ug/kg	
110-82-7	Cyclohexane	ND	5.6	0.39	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	5.6	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.6	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.6	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.6	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.58	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.6	0.27	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.6	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.6	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.12	ug/kg	
76-13-1	Freon 113	ND	5.6	0.32	ug/kg	
591-78-6	2-Hexanone	ND	5.6	0.62	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.6	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.6	0.54	ug/kg	
108-87-2	Methylcyclohexane	ND	5.6	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.6	1.1	ug/kg	
100-42-5	Styrene	ND	5.6	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	5.6	0.22	ug/kg	
108-88-3	Toluene	ND	1.1	0.17	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	0.20	ug/kg	
79-01-6	Trichloroethene	ND	5.6	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	0.16	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	109%		65-123%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	96%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150842.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	3.9 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	107	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.25	ug/kg	
74-97-5	Bromochloromethane	ND	7.1	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	7.1	0.34	ug/kg	
75-25-2	Bromoform	ND	7.1	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.1	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	7.1	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	7.1	0.34	ug/kg	
67-66-3	Chloroform	ND	7.1	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.1	0.43	ug/kg	
110-82-7	Cyclohexane	ND	7.1	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	7.1	0.19	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.1	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.1	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.1	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.1	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.1	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.1	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.1	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.1	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.1	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.1	0.24	ug/kg	
100-41-4	Ethylbenzene	0.76	1.4	0.15	ug/kg	J
76-13-1	Freon 113	ND	7.1	0.41	ug/kg	
591-78-6	2-Hexanone	ND	7.1	0.80	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.1	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.1	0.69	ug/kg	
108-87-2	Methylcyclohexane	ND	7.1	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.24	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.1	0.46	ug/kg	
75-09-2	Methylene chloride	ND	7.1	1.4	ug/kg	
100-42-5	Styrene	ND	7.1	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.1	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.1	0.28	ug/kg	
108-88-3	Toluene	ND	1.4	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.1	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	0.26	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.1	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.1	0.26	ug/kg	
79-01-6	Trichloroethene	ND	7.1	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.1	0.24	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	0.20	ug/kg	
	m,p-Xylene	3.5	1.4	0.32	ug/kg	
95-47-6	o-Xylene	1.3	1.4	0.20	ug/kg	J
1330-20-7	Xylene (total)	4.8	1.4	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		59-130%
17060-07-0	1,2-Dichloroethane-D4	106%		65-123%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150870.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	3.9 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	41.3	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.24	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	0.34	ug/kg	
75-25-2	Bromoform	ND	7.0	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.0	0.41	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	7.0	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.0	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	0.17	ug/kg	
75-00-3	Chloroethane	ND	7.0	0.33	ug/kg	
67-66-3	Chloroform	ND	7.0	0.14	ug/kg	
74-87-3	Chloromethane	ND	7.0	0.42	ug/kg	
110-82-7	Cyclohexane	ND	7.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.73	ug/kg	
124-48-1	Dibromochloromethane	ND	7.0	0.19	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.23	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.0	0.34	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.0	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.0	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	0.24	ug/kg	
100-41-4	Ethylbenzene	0.41	1.4	0.15	ug/kg	J
76-13-1	Freon 113	ND	7.0	0.40	ug/kg	
591-78-6	2-Hexanone	ND	7.0	0.78	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.0	0.21	ug/kg	
79-20-9	Methyl Acetate	ND	7.0	0.68	ug/kg	
108-87-2	Methylcyclohexane	ND	7.0	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.23	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	0.45	ug/kg	
75-09-2	Methylene chloride	ND	7.0	1.3	ug/kg	
100-42-5	Styrene	ND	7.0	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.0	0.27	ug/kg	
108-88-3	Toluene	ND	1.4	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.21	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.25	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	0.25	ug/kg	
79-01-6	Trichloroethene	ND	7.0	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	0.23	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	0.20	ug/kg	
	m,p-Xylene	1.7	1.4	0.32	ug/kg	
95-47-6	o-Xylene	0.65	1.4	0.20	ug/kg	J
1330-20-7	Xylene (total)	2.3	1.4	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	108%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	97%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150843.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.8 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	1.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.20	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	0.28	ug/kg	
75-25-2	Bromoform	ND	5.8	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.28	ug/kg	
67-66-3	Chloroform	ND	5.8	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.35	ug/kg	
110-82-7	Cyclohexane	ND	5.8	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	5.8	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.8	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.8	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.8	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.8	0.28	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.8	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.8	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.12	ug/kg	
76-13-1	Freon 113	ND	5.8	0.33	ug/kg	
591-78-6	2-Hexanone	ND	5.8	0.65	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.8	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	0.56	ug/kg	
108-87-2	Methylcyclohexane	ND	5.8	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	5.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	5.8	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.17	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.8	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	0.16	ug/kg	
	m,p-Xylene	ND	1.2	0.26	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		59-130%
17060-07-0	1,2-Dichloroethane-D4	110%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150844.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.2 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	1.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.23	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	0.31	ug/kg	
75-25-2	Bromoform	ND	6.5	0.14	ug/kg	
74-83-9	Bromomethane	ND	6.5	0.38	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.5	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.5	0.19	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	0.16	ug/kg	
75-00-3	Chloroethane	ND	6.5	0.31	ug/kg	
67-66-3	Chloroform	ND	6.5	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.5	0.39	ug/kg	
110-82-7	Cyclohexane	ND	6.5	0.46	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	6.5	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.5	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.5	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.5	0.22	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.5	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.5	0.34	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.5	0.25	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	0.22	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	0.22	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.14	ug/kg	
76-13-1	Freon 113	ND	6.5	0.37	ug/kg	
591-78-6	2-Hexanone	ND	6.5	0.73	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.5	0.20	ug/kg	
79-20-9	Methyl Acetate	ND	6.5	0.63	ug/kg	
108-87-2	Methylcyclohexane	ND	6.5	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.22	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	0.42	ug/kg	
75-09-2	Methylene chloride	ND	6.5	1.2	ug/kg	
100-42-5	Styrene	ND	6.5	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	6.5	0.25	ug/kg	
108-88-3	Toluene	ND	1.3	0.19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	0.23	ug/kg	
79-01-6	Trichloroethene	ND	6.5	0.26	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	0.22	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	0.18	ug/kg	
	m,p-Xylene	ND	1.3	0.30	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.18	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		59-130%
17060-07-0	1,2-Dichloroethane-D4	108%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	97%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150845.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.5 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	162	13	1.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.22	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	6.3	0.30	ug/kg	
75-25-2	Bromoform	ND	6.3	0.13	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.36	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	1.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	0.30	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.3	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	6.3	0.15	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.30	ug/kg	
67-66-3	Chloroform	ND	6.3	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.3	0.37	ug/kg	
110-82-7	Cyclohexane	ND	6.3	0.44	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.65	ug/kg	
124-48-1	Dibromochloromethane	ND	6.3	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.3	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.3	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.3	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.3	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.3	0.31	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.3	0.33	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.3	0.24	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.3	0.21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.3	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.3	0.21	ug/kg	
100-41-4	Ethylbenzene	1.6	1.3	0.13	ug/kg	
76-13-1	Freon 113	ND	6.3	0.36	ug/kg	
591-78-6	2-Hexanone	ND	6.3	0.70	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.3	0.19	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	0.61	ug/kg	
108-87-2	Methylcyclohexane	ND	6.3	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.21	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	0.40	ug/kg	
75-09-2	Methylene chloride	ND	6.3	1.2	ug/kg	
100-42-5	Styrene	ND	6.3	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.3	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	6.3	0.24	ug/kg	
108-88-3	Toluene	ND	1.3	0.19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.3	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.3	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.3	0.25	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.21	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	0.18	ug/kg	
	m,p-Xylene	8.1	1.3	0.28	ug/kg	
95-47-6	o-Xylene	3.3	1.3	0.18	ug/kg	
1330-20-7	Xylene (total)	11.4	1.3	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	110%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150875.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	4.4 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	20.6	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.25	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	0.35	ug/kg	
75-25-2	Bromoform	ND	7.2	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.2	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	7.2	0.34	ug/kg	
67-66-3	Chloroform	ND	7.2	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.2	0.43	ug/kg	
110-82-7	Cyclohexane	ND	7.2	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.76	ug/kg	
124-48-1	Dibromochloromethane	ND	7.2	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.2	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.2	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.2	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	0.75	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	0.52	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.2	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.2	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.2	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.15	ug/kg	
76-13-1	Freon 113	ND	7.2	0.42	ug/kg	
591-78-6	2-Hexanone	ND	7.2	0.81	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.2	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.2	0.70	ug/kg	
108-87-2	Methylcyclohexane	ND	7.2	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.24	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.2	0.46	ug/kg	
75-09-2	Methylene chloride	ND	7.2	1.4	ug/kg	
100-42-5	Styrene	ND	7.2	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.2	0.28	ug/kg	
108-88-3	Toluene	ND	1.4	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	0.26	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	0.26	ug/kg	
79-01-6	Trichloroethene	ND	7.2	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	0.24	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	0.20	ug/kg	
	m,p-Xylene	0.65	1.4	0.33	ug/kg	J
95-47-6	o-Xylene	ND	1.4	0.20	ug/kg	
1330-20-7	Xylene (total)	0.65	1.4	0.20	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	96%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150846.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.4 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.4	12	1.8	ug/kg	
71-43-2	Benzene	ND	1.2	0.21	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.30	ug/kg	
75-25-2	Bromoform	ND	6.2	0.13	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.36	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.29	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.15	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.29	ug/kg	
67-66-3	Chloroform	ND	6.2	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.37	ug/kg	
110-82-7	Cyclohexane	ND	6.2	0.44	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.30	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.13	ug/kg	
76-13-1	Freon 113	ND	6.2	0.35	ug/kg	
591-78-6	2-Hexanone	ND	6.2	0.69	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.2	0.19	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	0.60	ug/kg	
108-87-2	Methylcyclohexane	ND	6.2	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.21	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	0.40	ug/kg	
75-09-2	Methylene chloride	ND	6.2	1.2	ug/kg	
100-42-5	Styrene	ND	6.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.24	ug/kg	
108-88-3	Toluene	ND	1.2	0.18	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.24	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.21	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.17	ug/kg	
	m,p-Xylene	0.53	1.2	0.28	ug/kg	J
95-47-6	o-Xylene	0.21	1.2	0.17	ug/kg	J
1330-20-7	Xylene (total)	0.74	1.2	0.17	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		59-130%
17060-07-0	1,2-Dichloroethane-D4	110%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150876.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	4.2 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	29.5	13	1.9	ug/kg	
71-43-2	Benzene	ND	1.3	0.22	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	6.4	0.31	ug/kg	
75-25-2	Bromoform	ND	6.4	0.14	ug/kg	
74-83-9	Bromomethane	ND	6.4	0.37	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.4	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.4	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	6.4	0.16	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.31	ug/kg	
67-66-3	Chloroform	ND	6.4	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.4	0.39	ug/kg	
110-82-7	Cyclohexane	ND	6.4	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	6.4	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.4	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.4	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.4	0.33	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.4	0.24	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.4	0.22	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.4	0.22	ug/kg	
100-41-4	Ethylbenzene	1.7	1.3	0.14	ug/kg	
76-13-1	Freon 113	ND	6.4	0.37	ug/kg	
591-78-6	2-Hexanone	ND	6.4	0.72	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.4	0.20	ug/kg	
79-20-9	Methyl Acetate	ND	6.4	0.62	ug/kg	
108-87-2	Methylcyclohexane	ND	6.4	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.21	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	0.41	ug/kg	
75-09-2	Methylene chloride	ND	6.4	1.2	ug/kg	
100-42-5	Styrene	ND	6.4	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.4	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	6.4	0.25	ug/kg	
108-88-3	Toluene	ND	1.3	0.19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.4	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.4	0.23	ug/kg	
79-01-6	Trichloroethene	ND	6.4	0.25	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.21	ug/kg	
75-01-4	Vinyl chloride	ND	6.4	0.18	ug/kg	
	m,p-Xylene	8.7	1.3	0.29	ug/kg	
95-47-6	o-Xylene	4.1	1.3	0.18	ug/kg	
1330-20-7	Xylene (total)	12.8	1.3	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	96%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150847.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	3.7 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.25	ug/kg	
74-97-5	Bromochloromethane	ND	7.1	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	7.1	0.34	ug/kg	
75-25-2	Bromoform	ND	7.1	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.1	0.41	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	7.1	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	0.17	ug/kg	
75-00-3	Chloroethane	ND	7.1	0.34	ug/kg	
67-66-3	Chloroform	ND	7.1	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.1	0.42	ug/kg	
110-82-7	Cyclohexane	ND	7.1	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	7.1	0.19	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.1	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.1	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.1	0.23	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.1	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.1	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.1	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.1	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.1	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.1	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.1	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.15	ug/kg	
76-13-1	Freon 113	ND	7.1	0.41	ug/kg	
591-78-6	2-Hexanone	ND	7.1	0.79	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.1	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.1	0.69	ug/kg	
108-87-2	Methylcyclohexane	ND	7.1	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.24	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.1	0.46	ug/kg	
75-09-2	Methylene chloride	ND	7.1	1.3	ug/kg	
100-42-5	Styrene	ND	7.1	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.1	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.1	0.28	ug/kg	
108-88-3	Toluene	ND	1.4	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.1	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	0.26	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.1	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.1	0.25	ug/kg	
79-01-6	Trichloroethene	ND	7.1	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.1	0.24	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	0.20	ug/kg	
	m,p-Xylene	ND	1.4	0.32	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		59-130%
17060-07-0	1,2-Dichloroethane-D4	111%		65-123%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	96%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150848.D	1	12/18/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	4.3 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	1.8	ug/kg	
71-43-2	Benzene	ND	1.2	0.22	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.30	ug/kg	
75-25-2	Bromoform	ND	6.2	0.13	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.36	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	1.5	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.30	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	0.18	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.15	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.30	ug/kg	
67-66-3	Chloroform	ND	6.2	0.13	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.37	ug/kg	
110-82-7	Cyclohexane	ND	6.2	0.44	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.65	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.31	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.13	ug/kg	
76-13-1	Freon 113	ND	6.2	0.36	ug/kg	
591-78-6	2-Hexanone	ND	6.2	0.69	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.2	0.19	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	0.60	ug/kg	
108-87-2	Methylcyclohexane	ND	6.2	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.21	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	0.40	ug/kg	
75-09-2	Methylene chloride	ND	6.2	1.2	ug/kg	
100-42-5	Styrene	ND	6.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.24	ug/kg	
108-88-3	Toluene	ND	1.2	0.19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.24	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.21	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.18	ug/kg	
	m,p-Xylene	ND	1.2	0.28	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.18	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	108%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150871.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	4.6 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	117	11	1.7	ug/kg	
71-43-2	Benzene	ND	1.1	0.20	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	0.28	ug/kg	
75-25-2	Bromoform	ND	5.7	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.7	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.4	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	0.27	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.27	ug/kg	
67-66-3	Chloroform	ND	5.7	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.7	0.34	ug/kg	
110-82-7	Cyclohexane	ND	5.7	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.60	ug/kg	
124-48-1	Dibromochloromethane	ND	5.7	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.7	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.7	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.7	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.7	0.28	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.7	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.7	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	0.19	ug/kg	
100-41-4	Ethylbenzene	3.5	1.1	0.12	ug/kg	
76-13-1	Freon 113	ND	5.7	0.33	ug/kg	
591-78-6	2-Hexanone	ND	5.7	0.64	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.7	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.7	0.56	ug/kg	
108-87-2	Methylcyclohexane	ND	5.7	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.7	1.1	ug/kg	
100-42-5	Styrene	ND	5.7	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	5.7	0.22	ug/kg	
108-88-3	Toluene	0.25	1.1	0.17	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.7	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	0.16	ug/kg	
	m,p-Xylene	16.7	1.1	0.26	ug/kg	
95-47-6	o-Xylene	5.5	1.1	0.16	ug/kg	
1330-20-7	Xylene (total)	22.2	1.1	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	107%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150857.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6580
Run #2							

Run #	Initial Weight
Run #1	3.9 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	15	2.2	ug/kg	J
71-43-2	Benzene	ND	1.5	0.26	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	7.5	0.36	ug/kg	
75-25-2	Bromoform	ND	7.5	0.16	ug/kg	
74-83-9	Bromomethane	ND	7.5	0.44	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	1.8	ug/kg	J
75-15-0	Carbon disulfide	ND	7.5	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.5	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	7.5	0.18	ug/kg	
75-00-3	Chloroethane	ND	7.5	0.36	ug/kg	
67-66-3	Chloroform	ND	7.5	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.5	0.45	ug/kg	
110-82-7	Cyclohexane	ND	7.5	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	15	0.79	ug/kg	
124-48-1	Dibromochloromethane	ND	7.5	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.23	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.5	0.24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.5	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.5	0.25	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.5	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.5	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.5	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.5	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.5	0.26	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.5	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.5	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.16	ug/kg	
76-13-1	Freon 113	ND	7.5	0.43	ug/kg	
591-78-6	2-Hexanone	ND	7.5	0.84	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.5	0.23	ug/kg	
79-20-9	Methyl Acetate	ND	7.5	0.73	ug/kg	
108-87-2	Methylcyclohexane	ND	7.5	0.21	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.25	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.5	0.48	ug/kg	
75-09-2	Methylene chloride	ND	7.5	1.4	ug/kg	
100-42-5	Styrene	ND	7.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	7.5	0.29	ug/kg	
108-88-3	Toluene	ND	1.5	0.22	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	0.23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	0.27	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.5	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.5	0.27	ug/kg	
79-01-6	Trichloroethene	ND	7.5	0.29	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	0.25	ug/kg	
75-01-4	Vinyl chloride	ND	7.5	0.21	ug/kg	
	m,p-Xylene	0.77	1.5	0.34	ug/kg	J
95-47-6	o-Xylene	ND	1.5	0.21	ug/kg	
1330-20-7	Xylene (total)	0.77	1.5	0.21	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	111%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	98%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8260C SW846 5035	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y150877.D	1	12/19/14	PS	12/18/14 13:00	n/a	VY6581
Run #2							

Run #	Initial Weight
Run #1	3.8 g
Run #2	

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	2.1	ug/kg	
71-43-2	Benzene	ND	1.4	0.25	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	0.35	ug/kg	
75-25-2	Bromoform	ND	7.2	0.15	ug/kg	
74-83-9	Bromomethane	ND	7.2	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	0.20	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	7.2	0.34	ug/kg	
67-66-3	Chloroform	ND	7.2	0.15	ug/kg	
74-87-3	Chloromethane	ND	7.2	0.43	ug/kg	
110-82-7	Cyclohexane	ND	7.2	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	7.2	0.19	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.2	0.23	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.2	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.2	0.24	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	0.75	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.2	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.2	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.2	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.15	ug/kg	
76-13-1	Freon 113	ND	7.2	0.41	ug/kg	
591-78-6	2-Hexanone	ND	7.2	0.80	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8260C SW846 5035		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	7.2	0.22	ug/kg	
79-20-9	Methyl Acetate	ND	7.2	0.69	ug/kg	
108-87-2	Methylcyclohexane	ND	7.2	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.24	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.2	0.46	ug/kg	
75-09-2	Methylene chloride	ND	7.2	1.4	ug/kg	
100-42-5	Styrene	ND	7.2	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	7.2	0.28	ug/kg	
108-88-3	Toluene	ND	1.4	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	0.22	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	0.26	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	0.19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	0.26	ug/kg	
79-01-6	Trichloroethene	ND	7.2	0.28	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	0.24	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	0.20	ug/kg	
	m,p-Xylene	ND	1.4	0.32	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		59-130%
17060-07-0	1,2-Dichloroethane-D4	110%		65-123%
2037-26-5	Toluene-D8	98%		77-125%
460-00-4	4-Bromofluorobenzene	95%		71-132%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

# **SEMIVOLATILE ORGANIC COMPOUNDS**

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## Report of Analysis

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Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P44470.D	1	12/22/14	SW	12/22/14	OP80598	E2P1881
Run #2							

Run #	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.1	1.7	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	6.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	1.4	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.3	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.94	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.1	0.57	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.31	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.21	ug/l	
98-86-2	Acetophenone	ND	2.1	0.38	ug/l	
120-12-7	Anthracene	ND	1.0	0.20	ug/l	
1912-24-9	Atrazine	ND	2.1	0.44	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.70	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.25	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.23	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.26	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.23	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.36	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.31	ug/l	
86-74-8	Carbazole	ND	1.0	0.18	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.42	ug/l	
218-01-9	Chrysene	ND	1.0	0.17	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.44	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.45	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.42	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.40	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.33	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.27	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.1	0.58	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.74	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.29	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.24	ug/l	
84-74-2	Di-n-butyl phthalate	1.5	2.1	0.61	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	2.1	0.26	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.24	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.27	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	3.7	2.1	0.58	ug/l	<del>B</del>
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.48	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.40	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	0.50	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.1	0.35	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.30	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.33	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.27	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.31	ug/l	
91-20-3	Naphthalene	ND	1.0	0.28	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.54	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.21	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.19	ug/l	
129-00-0	Pyrene	ND	1.0	0.20	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.46	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		12-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44453.D	10	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.9 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	690	350	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1700	350	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1700	560	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1700	580	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	6900	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	6900	420	ug/kg	
95-48-7	2-Methylphenol	ND	690	400	ug/kg	
	3&4-Methylphenol	ND	690	440	ug/kg	
88-75-5	2-Nitrophenol	ND	1700	370	ug/kg	
100-02-7	4-Nitrophenol	ND	3500	590	ug/kg	
87-86-5	Pentachlorophenol	ND	3500	590	ug/kg	
108-95-2	Phenol	ND	690	360	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1700	360	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1700	400	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1700	330	ug/kg	
83-32-9	Acenaphthene	ND	350	100	ug/kg	
208-96-8	Acenaphthylene	175	350	110	ug/kg	J
98-86-2	Acetophenone	ND	1700	61	ug/kg	
120-12-7	Anthracene	150	350	120	ug/kg	J
1912-24-9	Atrazine	ND	690	68	ug/kg	
56-55-3	Benzo(a)anthracene	860	350	110	ug/kg	
50-32-8	Benzo(a)pyrene	987	350	110	ug/kg	
205-99-2	Benzo(b)fluoranthene	1000	350	120	ug/kg	
191-24-2	Benzo(g,h,i)perylene	709	350	130	ug/kg	
207-08-9	Benzo(k)fluoranthene	717	350	130	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	690	130	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	690	200	ug/kg	
92-52-4	1,1'-Biphenyl	ND	690	40	ug/kg	
100-52-7	Benzaldehyde	ND	1700	80	ug/kg	
91-58-7	2-Chloronaphthalene	ND	690	110	ug/kg	
106-47-8	4-Chloroaniline	ND	1700	110	ug/kg	
86-74-8	Carbazole	ND	690	160	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	690	110	ug/kg	
218-01-9	Chrysene	874	350	120	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	690	140	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	690	100	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	690	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	690	100	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	350	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	350	130	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	690	88	ug/kg	
123-91-1	1,4-Dioxane	ND	350	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	145	350	120	ug/kg	J
132-64-9	Dibenzofuran	ND	690	100	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	690	77	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	690	170	ug/kg	
84-66-2	Diethyl phthalate	ND	690	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	690	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	622	690	310	ug/kg	J
206-44-0	Fluoranthene	1230	350	150	ug/kg	
86-73-7	Fluorene	ND	350	110	ug/kg	
118-74-1	Hexachlorobenzene	ND	690	110	ug/kg	
87-68-3	Hexachlorobutadiene	ND	350	97	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3500	350	ug/kg	
67-72-1	Hexachloroethane	ND	1700	97	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	659	350	120	ug/kg	
78-59-1	Isophorone	ND	690	93	ug/kg	
91-57-6	2-Methylnaphthalene	ND	690	190	ug/kg	
88-74-4	2-Nitroaniline	ND	1700	150	ug/kg	
99-09-2	3-Nitroaniline	ND	1700	140	ug/kg	
100-01-6	4-Nitroaniline	ND	1700	140	ug/kg	
91-20-3	Naphthalene	ND	350	95	ug/kg	
98-95-3	Nitrobenzene	ND	690	100	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	690	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1700	210	ug/kg	
85-01-8	Phenanthrene	449	350	160	ug/kg	
129-00-0	Pyrene	1430	350	130	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1700	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P39294.D	1	12/20/14	HK	12/19/14	OP80556	E3P1693
Run #2	2P44459.D	10	12/22/14	SD	12/19/14	OP80556	E2P1880

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2	30.9 g	1.0 ml

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	78	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	63	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	65	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	780	48	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	780	48	ug/kg	
95-48-7	2-Methylphenol	ND	78	44	ug/kg	
	3&4-Methylphenol	ND	78	49	ug/kg	
88-75-5	2-Nitrophenol	ND	190	41	ug/kg	
100-02-7	4-Nitrophenol	ND	390	66	ug/kg	
87-86-5	Pentachlorophenol	ND	390	67	ug/kg	
108-95-2	Phenol	ND	78	41	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	37	ug/kg	
83-32-9	Acenaphthene	122	39	11	ug/kg	
208-96-8	Acenaphthylene	1040	39	12	ug/kg	
98-86-2	Acetophenone	ND	190	6.9	ug/kg	
120-12-7	Anthracene	1190	39	14	ug/kg	
1912-24-9	Atrazine	ND	78	7.7	ug/kg	
56-55-3	Benzo(a)anthracene	4480 <sup>a</sup>	390	130	ug/kg	
50-32-8	Benzo(a)pyrene	4730 <sup>a</sup>	390	120	ug/kg	
205-99-2	Benzo(b)fluoranthene	4590 <sup>a</sup>	390	130	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3160 <sup>a</sup>	390	140	ug/kg	
207-08-9	Benzo(k)fluoranthene	3560 <sup>a</sup>	390	150	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	78	14	ug/kg	
85-68-7	Butyl benzyl phthalate	98.7	78	23	ug/kg	
92-52-4	1,1'-Biphenyl	ND	78	4.5	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	78	12	ug/kg	
106-47-8	4-Chloroaniline	ND	190	12	ug/kg	
86-74-8	Carbazole	455	78	18	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	78	12	ug/kg	
218-01-9	Chrysene	4630 <sup>a</sup>	390	130	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	78	16	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	12	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	78	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	39	17	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	39	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	78	9.9	ug/kg	
123-91-1	1,4-Dioxane	ND	39	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1700	39	13	ug/kg	
132-64-9	Dibenzofuran	130	78	12	ug/kg	
84-74-2	Di-n-butyl phthalate	69.1	78	8.6	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	78	19	ug/kg	
84-66-2	Diethyl phthalate	ND	78	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	14	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	10600 <sup>a</sup>	780	340	ug/kg	
206-44-0	Fluoranthene	7310 <sup>a</sup>	390	170	ug/kg	
86-73-7	Fluorene	256	39	13	ug/kg	
118-74-1	Hexachlorobenzene	ND	78	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	11	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	40	ug/kg	
67-72-1	Hexachloroethane	ND	190	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3120 <sup>a</sup>	390	140	ug/kg	
78-59-1	Isophorone	ND	78	10	ug/kg	
91-57-6	2-Methylnaphthalene	52.6	78	22	ug/kg	J
88-74-4	2-Nitroaniline	ND	190	17	ug/kg	
99-09-2	3-Nitroaniline	ND	190	16	ug/kg	
100-01-6	4-Nitroaniline	ND	190	15	ug/kg	
91-20-3	Naphthalene	93.3	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	78	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	9.5	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	23	ug/kg	
85-01-8	Phenanthrene	3450 <sup>a</sup>	390	180	ug/kg	
129-00-0	Pyrene	8030 <sup>a</sup>	390	150	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%	68%	13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44454.D	10	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.9 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	670	340	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1700	340	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1700	540	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1700	570	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	6700	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	6700	410	ug/kg	
95-48-7	2-Methylphenol	ND	670	380	ug/kg	
	3&4-Methylphenol	ND	670	430	ug/kg	
88-75-5	2-Nitrophenol	ND	1700	360	ug/kg	
100-02-7	4-Nitrophenol	ND	3400	570	ug/kg	
87-86-5	Pentachlorophenol	ND	3400	580	ug/kg	
108-95-2	Phenol	ND	670	350	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1700	350	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1700	390	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1700	320	ug/kg	
83-32-9	Acenaphthene	ND	340	98	ug/kg	
208-96-8	Acenaphthylene	ND	340	110	ug/kg	
98-86-2	Acetophenone	ND	1700	59	ug/kg	
120-12-7	Anthracene	ND	340	120	ug/kg	
1912-24-9	Atrazine	ND	670	66	ug/kg	
56-55-3	Benzo(a)anthracene	184	340	110	ug/kg	J
50-32-8	Benzo(a)pyrene	201	340	100	ug/kg	J
205-99-2	Benzo(b)fluoranthene	188	340	110	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	184	340	130	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	340	130	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	670	120	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	670	190	ug/kg	
92-52-4	1,1'-Biphenyl	ND	670	39	ug/kg	
100-52-7	Benzaldehyde	ND	1700	77	ug/kg	
91-58-7	2-Chloronaphthalene	ND	670	100	ug/kg	
106-47-8	4-Chloroaniline	ND	1700	110	ug/kg	
86-74-8	Carbazole	ND	670	160	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	670	110	ug/kg	
218-01-9	Chrysene	162	340	110	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	670	140	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	670	100	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	670	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	670	100	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	340	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	340	130	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	670	86	ug/kg	
123-91-1	1,4-Dioxane	ND	340	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	340	110	ug/kg	
132-64-9	Dibenzofuran	ND	670	100	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	670	75	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	670	160	ug/kg	
84-66-2	Diethyl phthalate	ND	670	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	670	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	501	670	300	ug/kg	J
206-44-0	Fluoranthene	197	340	150	ug/kg	J
86-73-7	Fluorene	ND	340	110	ug/kg	
118-74-1	Hexachlorobenzene	ND	670	110	ug/kg	
87-68-3	Hexachlorobutadiene	ND	340	94	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3400	340	ug/kg	
67-72-1	Hexachloroethane	ND	1700	94	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	340	120	ug/kg	
78-59-1	Isophorone	ND	670	91	ug/kg	
91-57-6	2-Methylnaphthalene	ND	670	190	ug/kg	
88-74-4	2-Nitroaniline	ND	1700	150	ug/kg	
99-09-2	3-Nitroaniline	ND	1700	130	ug/kg	
100-01-6	4-Nitroaniline	ND	1700	130	ug/kg	
91-20-3	Naphthalene	ND	340	92	ug/kg	
98-95-3	Nitrobenzene	ND	670	97	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	670	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1700	200	ug/kg	
85-01-8	Phenanthrene	ND	340	150	ug/kg	
129-00-0	Pyrene	253	340	130	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1700	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44455.D	10	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	33.5 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	640	320	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1600	320	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1600	520	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1600	540	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	6400	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	6400	390	ug/kg	
95-48-7	2-Methylphenol	ND	640	370	ug/kg	
	3&4-Methylphenol	ND	640	410	ug/kg	
88-75-5	2-Nitrophenol	ND	1600	340	ug/kg	
100-02-7	4-Nitrophenol	ND	3200	540	ug/kg	
87-86-5	Pentachlorophenol	ND	3200	550	ug/kg	
108-95-2	Phenol	ND	640	340	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1600	330	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1600	370	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1600	300	ug/kg	
83-32-9	Acenaphthene	ND	320	93	ug/kg	
208-96-8	Acenaphthylene	ND	320	100	ug/kg	
98-86-2	Acetophenone	ND	1600	56	ug/kg	
120-12-7	Anthracene	ND	320	110	ug/kg	
1912-24-9	Atrazine	ND	640	63	ug/kg	
56-55-3	Benzo(a)anthracene	ND	320	100	ug/kg	
50-32-8	Benzo(a)pyrene	ND	320	98	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	320	110	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	320	120	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	320	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	640	120	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	640	190	ug/kg	
92-52-4	1,1'-Biphenyl	ND	640	37	ug/kg	
100-52-7	Benzaldehyde	ND	1600	74	ug/kg	
91-58-7	2-Chloronaphthalene	ND	640	99	ug/kg	
106-47-8	4-Chloroaniline	ND	1600	100	ug/kg	
86-74-8	Carbazole	ND	640	150	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	640	100	ug/kg	
218-01-9	Chrysene	ND	320	110	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	640	130	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	640	97	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	640	95	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	640	97	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	320	140	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	320	120	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	640	81	ug/kg	
123-91-1	1,4-Dioxane	ND	320	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	320	110	ug/kg	
132-64-9	Dibenzofuran	ND	640	95	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	640	71	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	640	160	ug/kg	
84-66-2	Diethyl phthalate	ND	640	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	640	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	364	640	280	ug/kg	J
206-44-0	Fluoranthene	ND	320	140	ug/kg	
86-73-7	Fluorene	ND	320	110	ug/kg	
118-74-1	Hexachlorobenzene	ND	640	100	ug/kg	
87-68-3	Hexachlorobutadiene	ND	320	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3200	330	ug/kg	
67-72-1	Hexachloroethane	ND	1600	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	320	110	ug/kg	
78-59-1	Isophorone	ND	640	86	ug/kg	
91-57-6	2-Methylnaphthalene	ND	640	180	ug/kg	
88-74-4	2-Nitroaniline	ND	1600	140	ug/kg	
99-09-2	3-Nitroaniline	ND	1600	130	ug/kg	
100-01-6	4-Nitroaniline	ND	1600	130	ug/kg	
91-20-3	Naphthalene	ND	320	88	ug/kg	
98-95-3	Nitrobenzene	ND	640	93	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	640	78	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1600	190	ug/kg	
85-01-8	Phenanthrene	ND	320	150	ug/kg	
129-00-0	Pyrene	129	320	120	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1600	98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	3P39297.D	5	12/20/14	HK	12/19/14	OP80540	E3P1693
Run #2							

Run #	Initial Weight	Final Volume
Run #1	33.3 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	340	170	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	850	170	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	850	270	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	850	290	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	3400	210	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	3400	210	ug/kg	
95-48-7	2-Methylphenol	ND	340	190	ug/kg	
	3&4-Methylphenol	ND	340	220	ug/kg	
88-75-5	2-Nitrophenol	ND	850	180	ug/kg	
100-02-7	4-Nitrophenol	ND	1700	290	ug/kg	
87-86-5	Pentachlorophenol	ND	1700	290	ug/kg	
108-95-2	Phenol	ND	340	180	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	850	170	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	850	200	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	850	160	ug/kg	
83-32-9	Acenaphthene	ND	170	49	ug/kg	
208-96-8	Acenaphthylene	419	170	54	ug/kg	
98-86-2	Acetophenone	ND	850	30	ug/kg	
120-12-7	Anthracene	541	170	59	ug/kg	
1912-24-9	Atrazine	ND	340	33	ug/kg	
56-55-3	Benzo(a)anthracene	2090	170	55	ug/kg	
50-32-8	Benzo(a)pyrene	2000	170	52	ug/kg	
205-99-2	Benzo(b)fluoranthene	2280	170	57	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1320	170	63	ug/kg	
207-08-9	Benzo(k)fluoranthene	1550	170	64	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	340	62	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	98	ug/kg	
92-52-4	1,1'-Biphenyl	ND	340	20	ug/kg	
100-52-7	Benzaldehyde	ND	850	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	340	53	ug/kg	
106-47-8	4-Chloroaniline	ND	850	54	ug/kg	
86-74-8	Carbazole	417	340	79	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	340	54	ug/kg	
218-01-9	Chrysene	2360	170	57	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	340	69	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	340	51	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	340	50	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	340	51	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	74	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	65	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	43	ug/kg	
123-91-1	1,4-Dioxane	ND	170	110	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	523	170	58	ug/kg	
132-64-9	Dibenzofuran	107	340	50	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	340	38	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	83	ug/kg	
84-66-2	Diethyl phthalate	ND	340	58	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	60	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	150	ug/kg	
206-44-0	Fluoranthene	4840	170	75	ug/kg	
86-73-7	Fluorene	132	170	56	ug/kg	J
118-74-1	Hexachlorobenzene	ND	340	55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	47	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1700	170	ug/kg	
67-72-1	Hexachloroethane	ND	850	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	170	59	ug/kg	
78-59-1	Isophorone	ND	340	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	340	95	ug/kg	
88-74-4	2-Nitroaniline	ND	850	75	ug/kg	
99-09-2	3-Nitroaniline	ND	850	68	ug/kg	
100-01-6	4-Nitroaniline	ND	850	66	ug/kg	
91-20-3	Naphthalene	ND	170	46	ug/kg	
98-95-3	Nitrobenzene	ND	340	49	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	340	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	850	100	ug/kg	
85-01-8	Phenanthrene	3030	170	77	ug/kg	
129-00-0	Pyrene	4060	170	65	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	850	52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P39287.D	1	12/20/14	HK	12/19/14	OP80540	E3P1693
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.4 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	55	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	57	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	680	42	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	680	42	ug/kg	
95-48-7	2-Methylphenol	ND	68	39	ug/kg	
	3&4-Methylphenol	ND	68	43	ug/kg	
88-75-5	2-Nitrophenol	ND	170	36	ug/kg	
100-02-7	4-Nitrophenol	ND	340	58	ug/kg	
87-86-5	Pentachlorophenol	ND	340	58	ug/kg	
108-95-2	Phenol	ND	68	36	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	32	ug/kg	
83-32-9	Acenaphthene	39.3	34	9.9	ug/kg	
208-96-8	Acenaphthylene	104	34	11	ug/kg	
98-86-2	Acetophenone	ND	170	6.0	ug/kg	
120-12-7	Anthracene	155	34	12	ug/kg	
1912-24-9	Atrazine	ND	68	6.7	ug/kg	J
56-55-3	Benzo(a)anthracene	589	34	11	ug/kg	
50-32-8	Benzo(a)pyrene	644	34	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	657	34	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	481	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	481	34	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	4.0	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	11	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	78.7	68	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	68	11	ug/kg	
218-01-9	Chrysene	677	34	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	68	10	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	68	8.7	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	166	34	12	ug/kg	
132-64-9	Dibenzofuran	26.4	68	10	ug/kg	J
84-74-2	Di-n-butyl phthalate	243	68	7.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	17	ug/kg	
84-66-2	Diethyl phthalate	ND	68	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	503	68	30	ug/kg	
206-44-0	Fluoranthene	1230	34	15	ug/kg	
86-73-7	Fluorene	41.8	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	9.5	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	35	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	488	34	12	ug/kg	
78-59-1	Isophorone	ND	68	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	68	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	14	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	14.8	34	9.3	ug/kg	J
98-95-3	Nitrobenzene	ND	68	9.9	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	68	8.3	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	20	ug/kg	
85-01-8	Phenanthrene	623	34	16	ug/kg	
129-00-0	Pyrene	1100	34	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44460.D	1	12/22/14	SD	12/19/14	OP80556	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.7 g	5.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	380	190	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	950	190	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	950	300	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	950	320	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	3800	230	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	3800	230	ug/kg	
95-48-7	2-Methylphenol	ND	380	220	ug/kg	
	3&4-Methylphenol	ND	380	240	ug/kg	
88-75-5	2-Nitrophenol	ND	950	200	ug/kg	
100-02-7	4-Nitrophenol	ND	1900	320	ug/kg	
87-86-5	Pentachlorophenol	ND	1900	320	ug/kg	
108-95-2	Phenol	ND	380	200	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	950	200	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	950	220	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	950	180	ug/kg	
83-32-9	Acenaphthene	105	190	55	ug/kg	J
208-96-8	Acenaphthylene	402	190	61	ug/kg	
98-86-2	Acetophenone	ND	950	33	ug/kg	
120-12-7	Anthracene	531	190	66	ug/kg	
1912-24-9	Atrazine	ND	380	37	ug/kg	
56-55-3	Benzo(a)anthracene	1940	190	62	ug/kg	
50-32-8	Benzo(a)pyrene	1950	190	58	ug/kg	
205-99-2	Benzo(b)fluoranthene	1950	190	63	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1500	190	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	1430	190	71	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	380	69	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	110	ug/kg	
92-52-4	1,1'-Biphenyl	ND	380	22	ug/kg	
100-52-7	Benzaldehyde	ND	950	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	380	59	ug/kg	
106-47-8	4-Chloroaniline	ND	950	61	ug/kg	
86-74-8	Carbazole	266	380	88	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	380	60	ug/kg	
218-01-9	Chrysene	1870	190	64	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	380	77	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	380	57	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	380	56	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	57	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	83	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	72	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	48	ug/kg	
123-91-1	1,4-Dioxane	ND	190	120	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	351	190	65	ug/kg	
132-64-9	Dibenzofuran	78.5	380	56	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	380	42	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	92	ug/kg	
84-66-2	Diethyl phthalate	ND	380	65	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	774	380	170	ug/kg	
206-44-0	Fluoranthene	3700	190	84	ug/kg	
86-73-7	Fluorene	119	190	62	ug/kg	J
118-74-1	Hexachlorobenzene	ND	380	62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	53	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1900	190	ug/kg	
67-72-1	Hexachloroethane	ND	950	53	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1390	190	66	ug/kg	
78-59-1	Isophorone	ND	380	51	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	110	ug/kg	
88-74-4	2-Nitroaniline	ND	950	83	ug/kg	
99-09-2	3-Nitroaniline	ND	950	76	ug/kg	
100-01-6	4-Nitroaniline	ND	950	74	ug/kg	
91-20-3	Naphthalene	ND	190	52	ug/kg	
98-95-3	Nitrobenzene	ND	380	55	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	380	46	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	950	110	ug/kg	
85-01-8	Phenanthrene	2210	190	86	ug/kg	
129-00-0	Pyrene	3830	190	73	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	950	58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P44452.D	1	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.6 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	66	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	160	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	160	53	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	160	55	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	660	40	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	660	40	ug/kg	
95-48-7	2-Methylphenol	ND	66	38	ug/kg	
	3&4-Methylphenol	ND	66	42	ug/kg	
88-75-5	2-Nitrophenol	ND	160	35	ug/kg	
100-02-7	4-Nitrophenol	ND	330	56	ug/kg	
87-86-5	Pentachlorophenol	ND	330	56	ug/kg	
108-95-2	Phenol	ND	66	35	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	160	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	160	31	ug/kg	
83-32-9	Acenaphthene	ND	33	9.5	ug/kg	
208-96-8	Acenaphthylene	ND	33	11	ug/kg	
98-86-2	Acetophenone	ND	160	5.8	ug/kg	
120-12-7	Anthracene	ND	33	12	ug/kg	
1912-24-9	Atrazine	ND	66	6.5	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	12	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	66	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	66	19	ug/kg	
92-52-4	1,1'-Biphenyl	17.2	66	3.8	ug/kg	J
100-52-7	Benzaldehyde	ND	160	7.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	66	10	ug/kg	
106-47-8	4-Chloroaniline	ND	160	11	ug/kg	
86-74-8	Carbazole	ND	66	15	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	66	10	ug/kg	
218-01-9	Chrysene	ND	33	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	66	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	66	9.9	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	66	9.8	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	66	9.9	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	66	8.4	ug/kg	
123-91-1	1,4-Dioxane	ND	33	21	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	11	ug/kg	
132-64-9	Dibenzofuran	ND	66	9.8	ug/kg	
84-74-2	Di-n-butyl phthalate	113	66	7.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	66	16	ug/kg	
84-66-2	Diethyl phthalate	ND	66	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	66	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	175	66	29	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	66	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	9.1	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	34	ug/kg	
67-72-1	Hexachloroethane	ND	160	9.1	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	11	ug/kg	
78-59-1	Isophorone	ND	66	8.9	ug/kg	
91-57-6	2-Methylnaphthalene	30.6	66	18	ug/kg	J
88-74-4	2-Nitroaniline	ND	160	14	ug/kg	
99-09-2	3-Nitroaniline	ND	160	13	ug/kg	
100-01-6	4-Nitroaniline	ND	160	13	ug/kg	
91-20-3	Naphthalene	ND	33	9.0	ug/kg	
98-95-3	Nitrobenzene	ND	66	9.5	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	66	8.0	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	160	20	ug/kg	
85-01-8	Phenanthrene	ND	33	15	ug/kg	
129-00-0	Pyrene	ND	33	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44456.D	10	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	710	350	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1800	350	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1800	570	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1800	600	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	7100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	7100	430	ug/kg	
95-48-7	2-Methylphenol	ND	710	400	ug/kg	
	3&4-Methylphenol	ND	710	450	ug/kg	
88-75-5	2-Nitrophenol	ND	1800	380	ug/kg	
100-02-7	4-Nitrophenol	ND	3500	600	ug/kg	
87-86-5	Pentachlorophenol	ND	3500	610	ug/kg	
108-95-2	Phenol	ND	710	370	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1800	370	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1800	410	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1800	330	ug/kg	
83-32-9	Acenaphthene	ND	350	100	ug/kg	
208-96-8	Acenaphthylene	ND	350	110	ug/kg	
98-86-2	Acetophenone	ND	1800	62	ug/kg	
120-12-7	Anthracene	141	350	120	ug/kg	J
1912-24-9	Atrazine	ND	710	70	ug/kg	
56-55-3	Benzo(a)anthracene	569	350	120	ug/kg	
50-32-8	Benzo(a)pyrene	583	350	110	ug/kg	
205-99-2	Benzo(b)fluoranthene	529	350	120	ug/kg	
191-24-2	Benzo(g,h,i)perylene	430	350	130	ug/kg	
207-08-9	Benzo(k)fluoranthene	430	350	130	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	710	130	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	710	210	ug/kg	
92-52-4	1,1'-Biphenyl	ND	710	41	ug/kg	
100-52-7	Benzaldehyde	ND	1800	82	ug/kg	
91-58-7	2-Chloronaphthalene	ND	710	110	ug/kg	
106-47-8	4-Chloroaniline	ND	1800	110	ug/kg	
86-74-8	Carbazole	ND	710	160	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	710	110	ug/kg	
218-01-9	Chrysene	524	350	120	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	710	140	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	710	110	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	710	110	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	710	110	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	350	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	350	140	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	710	90	ug/kg	
123-91-1	1,4-Dioxane	ND	350	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	350	120	ug/kg	
132-64-9	Dibenzofuran	ND	710	110	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	710	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	710	170	ug/kg	
84-66-2	Diethyl phthalate	ND	710	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	710	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	430	710	310	ug/kg	J
206-44-0	Fluoranthene	945	350	160	ug/kg	
86-73-7	Fluorene	ND	350	120	ug/kg	
118-74-1	Hexachlorobenzene	ND	710	120	ug/kg	
87-68-3	Hexachlorobutadiene	ND	350	99	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3500	360	ug/kg	
67-72-1	Hexachloroethane	ND	1800	99	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	370	350	120	ug/kg	
78-59-1	Isophorone	ND	710	95	ug/kg	
91-57-6	2-Methylnaphthalene	ND	710	200	ug/kg	
88-74-4	2-Nitroaniline	ND	1800	160	ug/kg	
99-09-2	3-Nitroaniline	ND	1800	140	ug/kg	
100-01-6	4-Nitroaniline	ND	1800	140	ug/kg	
91-20-3	Naphthalene	ND	350	97	ug/kg	
98-95-3	Nitrobenzene	ND	710	100	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	710	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1800	210	ug/kg	
85-01-8	Phenanthrene	454	350	160	ug/kg	
129-00-0	Pyrene	937	350	140	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1800	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P39295.D	1	12/20/14	HK	12/19/14	OP80556	E3P1693
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	57	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	60	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	710	43	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	710	43	ug/kg	
95-48-7	2-Methylphenol	ND	71	41	ug/kg	
	3&4-Methylphenol	ND	71	45	ug/kg	
88-75-5	2-Nitrophenol	ND	180	38	ug/kg	
100-02-7	4-Nitrophenol	ND	360	60	ug/kg	
87-86-5	Pentachlorophenol	ND	360	61	ug/kg	
108-95-2	Phenol	ND	71	37	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	33	ug/kg	
83-32-9	Acenaphthene	272	36	10	ug/kg	
208-96-8	Acenaphthylene	159	36	11	ug/kg	
98-86-2	Acetophenone	ND	180	6.3	ug/kg	
120-12-7	Anthracene	560	36	12	ug/kg	
1912-24-9	Atrazine	ND	71	7.0	ug/kg	
56-55-3	Benzo(a)anthracene	1400	36	12	ug/kg	
50-32-8	Benzo(a)pyrene	1330	36	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	1270	36	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	857	36	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	1030	36	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	13	ug/kg	
85-68-7	Butyl benzyl phthalate	294	71	21	ug/kg	
92-52-4	1,1'-Biphenyl	25.9	71	4.1	ug/kg	J
100-52-7	Benzaldehyde	ND	180	8.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	11	ug/kg	
86-74-8	Carbazole	150	71	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	71	11	ug/kg	
218-01-9	Chrysene	1500	36	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	71	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	71	9.0	ug/kg	
123-91-1	1,4-Dioxane	ND	36	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	314	36	12	ug/kg	
132-64-9	Dibenzofuran	110	71	11	ug/kg	
84-74-2	Di-n-butyl phthalate	80.0	71	7.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	17	ug/kg	
84-66-2	Diethyl phthalate	ND	71	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	603	71	31	ug/kg	
206-44-0	Fluoranthene	3020	36	16	ug/kg	
86-73-7	Fluorene	228	36	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	9.9	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	36	ug/kg	
67-72-1	Hexachloroethane	ND	180	9.9	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	925	36	12	ug/kg	
78-59-1	Isophorone	ND	71	9.6	ug/kg	
91-57-6	2-Methylnaphthalene	53.8	71	20	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	14	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	14.6	36	9.7	ug/kg	J
98-95-3	Nitrobenzene	ND	71	10	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	8.7	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	21	ug/kg	
85-01-8	Phenanthrene	1890	36	16	ug/kg	
129-00-0	Pyrene	2560	36	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		13-110%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P44451.D	1	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.2 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	58	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	60	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	720	44	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	720	44	ug/kg	
95-48-7	2-Methylphenol	ND	72	41	ug/kg	
	3&4-Methylphenol	ND	72	45	ug/kg	
88-75-5	2-Nitrophenol	ND	180	38	ug/kg	
100-02-7	4-Nitrophenol	ND	360	60	ug/kg	
87-86-5	Pentachlorophenol	ND	360	61	ug/kg	
108-95-2	Phenol	272	72	38	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	34	ug/kg	
83-32-9	Acenaphthene	ND	36	10	ug/kg	
208-96-8	Acenaphthylene	ND	36	11	ug/kg	
98-86-2	Acetophenone	ND	180	6.3	ug/kg	
120-12-7	Anthracene	ND	36	13	ug/kg	
1912-24-9	Atrazine	ND	72	7.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	36	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	36	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	36	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	4.1	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	11	ug/kg	
86-74-8	Carbazole	ND	72	17	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	11	ug/kg	
218-01-9	Chrysene	ND	36	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	72	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	72	9.1	ug/kg	
123-91-1	1,4-Dioxane	ND	36	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	12	ug/kg	
132-64-9	Dibenzofuran	ND	72	11	ug/kg	
84-74-2	Di-n-butyl phthalate	73.3	72	7.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	17	ug/kg	
84-66-2	Diethyl phthalate	ND	72	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	32	ug/kg	
206-44-0	Fluoranthene	ND	36	16	ug/kg	
86-73-7	Fluorene	ND	36	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	9.9	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	36	ug/kg	
67-72-1	Hexachloroethane	ND	180	9.9	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36	12	ug/kg	
78-59-1	Isophorone	ND	72	9.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	72	20	ug/kg	
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	14	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	ND	36	9.8	ug/kg	
98-95-3	Nitrobenzene	ND	72	10	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	8.7	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	21	ug/kg	
85-01-8	Phenanthrene	ND	36	16	ug/kg	
129-00-0	Pyrene	ND	36	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	83%		22-121%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P13439.D	1	12/20/14	AD	12/19/14	OP80540	E6P595
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.9 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	55	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	58	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	690	42	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	690	42	ug/kg	
95-48-7	2-Methylphenol	ND	69	39	ug/kg	
	3&4-Methylphenol	ND	69	44	ug/kg	
88-75-5	2-Nitrophenol	ND	170	36	ug/kg	
100-02-7	4-Nitrophenol	ND	340	58	ug/kg	
87-86-5	Pentachlorophenol	ND	340	59	ug/kg	
108-95-2	Phenol	ND	69	36	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	32	ug/kg	
83-32-9	Acenaphthene	ND	34	10	ug/kg	
208-96-8	Acenaphthylene	ND	34	11	ug/kg	
98-86-2	Acetophenone	ND	170	6.0	ug/kg	
120-12-7	Anthracene	ND	34	12	ug/kg	
1912-24-9	Atrazine	ND	69	6.8	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.0	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	11	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	ND	69	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	11	ug/kg	
218-01-9	Chrysene	ND	34	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	69	10	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	69	8.7	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	12	ug/kg	
132-64-9	Dibenzofuran	ND	69	10	ug/kg	
84-74-2	Di-n-butyl phthalate	41.6	69	7.6	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	69	17	ug/kg	
84-66-2	Diethyl phthalate	ND	69	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	69	30	ug/kg	
206-44-0	Fluoranthene	ND	34	15	ug/kg	
86-73-7	Fluorene	ND	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	9.6	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	35	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.6	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	12	ug/kg	
78-59-1	Isophorone	ND	69	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	69	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	14	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	ND	34	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	69	9.9	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	8.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	21	ug/kg	
85-01-8	Phenanthrene	ND	34	16	ug/kg	
129-00-0	Pyrene	ND	34	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	103%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P13446.D	1	12/20/14	AD	12/19/14	OP80540	E6P595
Run #2	3P39298.D	2	12/20/14	HK	12/19/14	OP80540	E3P1693

Run #	Initial Weight	Final Volume
Run #1	32.8 g	1.0 ml
Run #2	32.8 g	1.0 ml

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	69	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	55	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	58	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	690	42	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	690	42	ug/kg	
95-48-7	2-Methylphenol	ND	69	39	ug/kg	
	3&4-Methylphenol	ND	69	44	ug/kg	
88-75-5	2-Nitrophenol	ND	170	36	ug/kg	
100-02-7	4-Nitrophenol	ND	340	58	ug/kg	
87-86-5	Pentachlorophenol	ND	340	59	ug/kg	
108-95-2	Phenol	ND	69	36	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	32	ug/kg	
83-32-9	Acenaphthene	77.0	34	10	ug/kg	
208-96-8	Acenaphthylene	339	34	11	ug/kg	
98-86-2	Acetophenone	ND	170	6.1	ug/kg	
120-12-7	Anthracene	561	34	12	ug/kg	
1912-24-9	Atrazine	ND	69	6.8	ug/kg	
56-55-3	Benzo(a)anthracene	1040 <sup>a</sup>	69	22	ug/kg	
50-32-8	Benzo(a)pyrene	1670 <sup>a</sup>	69	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	1340 <sup>a</sup>	69	23	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1650	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	1080 <sup>a</sup>	69	26	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	69	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	69	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	69	4.0	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	69	11	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	227	69	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	69	11	ug/kg	
218-01-9	Chrysene	1230 <sup>a</sup>	69	23	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	69	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	69	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	69	10	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	69	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	69	8.7	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1340	34	12	ug/kg	
132-64-9	Dibenzofuran	49.6	69	10	ug/kg	J
84-74-2	Di-n-butyl phthalate	226	69	7.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	69	17	ug/kg	
84-66-2	Diethyl phthalate	ND	69	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	69	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	1020	69	30	ug/kg	
206-44-0	Fluoranthene	1770	34	15	ug/kg	
86-73-7	Fluorene	87.6	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	69	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	9.6	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	35	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.6	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1420	34	12	ug/kg	
78-59-1	Isophorone	ND	69	9.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	69	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	14	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	31.1	34	9.4	ug/kg	J
98-95-3	Nitrobenzene	ND	69	9.9	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	69	8.4	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	21	ug/kg	
85-01-8	Phenanthrene	1180	34	16	ug/kg	
129-00-0	Pyrene	1870	34	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	94%	69%	13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44458.D	2	12/22/14	SD	12/19/14	OP80556	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	33.8 g	5.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	750	380	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1900	380	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1900	610	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1900	630	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	7500	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	7500	460	ug/kg	
95-48-7	2-Methylphenol	ND	750	430	ug/kg	
	3&4-Methylphenol	ND	750	480	ug/kg	
88-75-5	2-Nitrophenol	ND	1900	400	ug/kg	
100-02-7	4-Nitrophenol	ND	3800	640	ug/kg	
87-86-5	Pentachlorophenol	ND	3800	640	ug/kg	
108-95-2	Phenol	ND	750	400	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1900	390	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1900	440	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1900	350	ug/kg	
83-32-9	Acenaphthene	329	380	110	ug/kg	J
208-96-8	Acenaphthylene	663	380	120	ug/kg	
98-86-2	Acetophenone	ND	1900	66	ug/kg	
120-12-7	Anthracene	1070	380	130	ug/kg	
1912-24-9	Atrazine	ND	750	74	ug/kg	
56-55-3	Benzo(a)anthracene	2300	380	120	ug/kg	
50-32-8	Benzo(a)pyrene	2820	380	110	ug/kg	
205-99-2	Benzo(b)fluoranthene	2650	380	130	ug/kg	
191-24-2	Benzo(g,h,i)perylene	2180	380	140	ug/kg	
207-08-9	Benzo(k)fluoranthene	1830	380	140	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	750	140	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	750	220	ug/kg	
92-52-4	1,1'-Biphenyl	ND	750	44	ug/kg	
100-52-7	Benzaldehyde	ND	1900	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	750	120	ug/kg	
106-47-8	4-Chloroaniline	ND	1900	120	ug/kg	
86-74-8	Carbazole	682	750	170	ug/kg	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	750	120	ug/kg	
218-01-9	Chrysene	2320	380	130	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	750	150	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	750	110	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	750	110	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	750	110	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	380	160	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	380	140	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	750	96	ug/kg	
123-91-1	1,4-Dioxane	ND	380	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	509	380	130	ug/kg	
132-64-9	Dibenzofuran	220	750	110	ug/kg	J
84-74-2	Di-n-butyl phthalate	500	750	84	ug/kg	J
117-84-0	Di-n-octyl phthalate	768	750	180	ug/kg	
84-66-2	Diethyl phthalate	ND	750	130	ug/kg	
131-11-3	Dimethyl phthalate	ND	750	130	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	14200	750	330	ug/kg	
206-44-0	Fluoranthene	5180	380	170	ug/kg	
86-73-7	Fluorene	312	380	120	ug/kg	J
118-74-1	Hexachlorobenzene	ND	750	120	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	100	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3800	380	ug/kg	
67-72-1	Hexachloroethane	ND	1900	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	2150	380	130	ug/kg	
78-59-1	Isophorone	ND	750	100	ug/kg	
91-57-6	2-Methylnaphthalene	ND	750	210	ug/kg	
88-74-4	2-Nitroaniline	ND	1900	170	ug/kg	
99-09-2	3-Nitroaniline	ND	1900	150	ug/kg	
100-01-6	4-Nitroaniline	ND	1900	150	ug/kg	
91-20-3	Naphthalene	ND	380	100	ug/kg	
98-95-3	Nitrobenzene	ND	750	110	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	750	92	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1900	230	ug/kg	
85-01-8	Phenanthrene	4260	380	170	ug/kg	
129-00-0	Pyrene	4740	380	140	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1900	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	3P39299.D	2	12/20/14	HK	12/19/14	OP80540	E3P1693
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.6 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	130	67	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	330	67	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	330	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	330	110	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	81	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1300	81	ug/kg	
95-48-7	2-Methylphenol	ND	130	76	ug/kg	
	3&4-Methylphenol	ND	130	85	ug/kg	
88-75-5	2-Nitrophenol	ND	330	71	ug/kg	
100-02-7	4-Nitrophenol	ND	670	110	ug/kg	
87-86-5	Pentachlorophenol	ND	670	110	ug/kg	
108-95-2	Phenol	ND	130	70	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	330	69	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	330	77	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	330	63	ug/kg	
83-32-9	Acenaphthene	53.3	67	19	ug/kg	J
208-96-8	Acenaphthylene	69.7	67	21	ug/kg	
98-86-2	Acetophenone	ND	330	12	ug/kg	
120-12-7	Anthracene	171	67	23	ug/kg	
1912-24-9	Atrazine	ND	130	13	ug/kg	
56-55-3	Benzo(a)anthracene	394	67	22	ug/kg	
50-32-8	Benzo(a)pyrene	368	67	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	370	67	22	ug/kg	
191-24-2	Benzo(g,h,i)perylene	244	67	25	ug/kg	
207-08-9	Benzo(k)fluoranthene	275	67	25	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	130	24	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	130	39	ug/kg	
92-52-4	1,1'-Biphenyl	ND	130	7.7	ug/kg	
100-52-7	Benzaldehyde	ND	330	15	ug/kg	
91-58-7	2-Chloronaphthalene	ND	130	21	ug/kg	
106-47-8	4-Chloroaniline	ND	330	21	ug/kg	
86-74-8	Carbazole	66.6	130	31	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	130	21	ug/kg	
218-01-9	Chrysene	422	67	23	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	130	27	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	130	20	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	130	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	130	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	67	29	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	67	25	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	130	17	ug/kg	
123-91-1	1,4-Dioxane	ND	67	43	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	109	67	23	ug/kg	
132-64-9	Dibenzofuran	41.3	130	20	ug/kg	J
84-74-2	Di-n-butyl phthalate	215	130	15	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	130	32	ug/kg	
84-66-2	Diethyl phthalate	ND	130	23	ug/kg	
131-11-3	Dimethyl phthalate	ND	130	23	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	526	130	59	ug/kg	
206-44-0	Fluoranthene	755	67	29	ug/kg	
86-73-7	Fluorene	74.2	67	22	ug/kg	
118-74-1	Hexachlorobenzene	ND	130	22	ug/kg	
87-68-3	Hexachlorobutadiene	ND	67	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	670	68	ug/kg	
67-72-1	Hexachloroethane	ND	330	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	274	67	23	ug/kg	
78-59-1	Isophorone	ND	130	18	ug/kg	
91-57-6	2-Methylnaphthalene	ND	130	37	ug/kg	
88-74-4	2-Nitroaniline	ND	330	29	ug/kg	
99-09-2	3-Nitroaniline	ND	330	27	ug/kg	
100-01-6	4-Nitroaniline	ND	330	26	ug/kg	
91-20-3	Naphthalene	ND	67	18	ug/kg	
98-95-3	Nitrobenzene	ND	130	19	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	130	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	330	40	ug/kg	
85-01-8	Phenanthrene	548	67	30	ug/kg	
129-00-0	Pyrene	685	67	26	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	330	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P44461.D	1	12/22/14	SD	12/19/14	OP80556	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	32.4 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	54	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	56	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	670	41	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	670	41	ug/kg	
95-48-7	2-Methylphenol	ND	67	38	ug/kg	
	3&4-Methylphenol	ND	67	42	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	330	56	ug/kg	
87-86-5	Pentachlorophenol	ND	330	57	ug/kg	
108-95-2	Phenol	ND	67	35	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	31	ug/kg	
83-32-9	Acenaphthene	ND	33	9.7	ug/kg	
208-96-8	Acenaphthylene	45.5	33	11	ug/kg	
98-86-2	Acetophenone	ND	170	5.9	ug/kg	
120-12-7	Anthracene	50.0	33	12	ug/kg	
1912-24-9	Atrazine	ND	67	6.6	ug/kg	
56-55-3	Benzo(a)anthracene	196	33	11	ug/kg	
50-32-8	Benzo(a)pyrene	211	33	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	210	33	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	151	33	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	146	33	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	19	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	3.9	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	10	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	17.7	67	15	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	67	11	ug/kg	
218-01-9	Chrysene	199	33	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	67	9.9	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	8.5	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	36.3	33	11	ug/kg	
132-64-9	Dibenzofuran	ND	67	9.9	ug/kg	
84-74-2	Di-n-butyl phthalate	63.6	67	7.4	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	67	16	ug/kg	
84-66-2	Diethyl phthalate	ND	67	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	302	67	29	ug/kg	
206-44-0	Fluoranthene	308	33	15	ug/kg	
86-73-7	Fluorene	14.0	33	11	ug/kg	J
118-74-1	Hexachlorobenzene	ND	67	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	9.3	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	34	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.3	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	142	33	12	ug/kg	
78-59-1	Isophorone	ND	67	9.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	13	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	ND	33	9.1	ug/kg	
98-95-3	Nitrobenzene	ND	67	9.7	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	8.2	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	20	ug/kg	
85-01-8	Phenanthrene	114	33	15	ug/kg	
129-00-0	Pyrene	338	33	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	87%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P13440.D	1	12/20/14	AD	12/19/14	OP80540	E6P595
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.0 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	55	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	57	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	680	41	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	680	41	ug/kg	
95-48-7	2-Methylphenol	ND	68	39	ug/kg	
	3&4-Methylphenol	ND	68	43	ug/kg	
88-75-5	2-Nitrophenol	ND	170	36	ug/kg	
100-02-7	4-Nitrophenol	ND	340	57	ug/kg	
87-86-5	Pentachlorophenol	ND	340	58	ug/kg	
108-95-2	Phenol	ND	68	36	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	32	ug/kg	
83-32-9	Acenaphthene	ND	34	9.8	ug/kg	
208-96-8	Acenaphthylene	ND	34	11	ug/kg	
98-86-2	Acetophenone	ND	170	6.0	ug/kg	
120-12-7	Anthracene	ND	34	12	ug/kg	
1912-24-9	Atrazine	ND	68	6.7	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	3.9	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	11	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	ND	68	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	68	11	ug/kg	
218-01-9	Chrysene	ND	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	68	10	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	68	8.6	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	12	ug/kg	
132-64-9	Dibenzofuran	ND	68	10	ug/kg	
84-74-2	Di-n-butyl phthalate	160	68	7.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	17	ug/kg	
84-66-2	Diethyl phthalate	ND	68	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	68	30	ug/kg	
206-44-0	Fluoranthene	ND	34	15	ug/kg	
86-73-7	Fluorene	ND	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	9.4	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	35	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.4	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	12	ug/kg	
78-59-1	Isophorone	ND	68	9.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	68	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	14	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	ND	34	9.3	ug/kg	
98-95-3	Nitrobenzene	ND	68	9.8	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	68	8.3	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	20	ug/kg	
85-01-8	Phenanthrene	ND	34	15	ug/kg	
129-00-0	Pyrene	ND	34	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	96%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P13441.D	1	12/20/14	AD	12/19/14	OP80540	E6P595
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	55	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	57	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	680	42	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	680	42	ug/kg	
95-48-7	2-Methylphenol	ND	68	39	ug/kg	
	3&4-Methylphenol	ND	68	43	ug/kg	
88-75-5	2-Nitrophenol	ND	170	36	ug/kg	
100-02-7	4-Nitrophenol	ND	340	58	ug/kg	
87-86-5	Pentachlorophenol	ND	340	58	ug/kg	
108-95-2	Phenol	ND	68	36	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	32	ug/kg	
83-32-9	Acenaphthene	ND	34	9.9	ug/kg	
208-96-8	Acenaphthylene	ND	34	11	ug/kg	
98-86-2	Acetophenone	ND	170	6.0	ug/kg	
120-12-7	Anthracene	ND	34	12	ug/kg	
1912-24-9	Atrazine	ND	68	6.7	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	20	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	4.0	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	11	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	ND	68	16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	68	11	ug/kg	
218-01-9	Chrysene	ND	34	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	68	10	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	68	8.7	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	12	ug/kg	
132-64-9	Dibenzofuran	ND	68	10	ug/kg	
84-74-2	Di-n-butyl phthalate	139	68	7.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	17	ug/kg	
84-66-2	Diethyl phthalate	ND	68	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	68	30	ug/kg	
206-44-0	Fluoranthene	ND	34	15	ug/kg	
86-73-7	Fluorene	ND	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	9.5	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	35	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	12	ug/kg	
78-59-1	Isophorone	ND	68	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	ND	68	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	14	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	ND	34	9.3	ug/kg	
98-95-3	Nitrobenzene	ND	68	9.9	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	68	8.3	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	20	ug/kg	
85-01-8	Phenanthrene	ND	34	16	ug/kg	
129-00-0	Pyrene	ND	34	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	91%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	3P39300.D	2	12/20/14	HK	12/19/14	OP80540	E3P1693
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.6 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	130	67	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	330	67	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	330	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	330	110	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	82	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1300	82	ug/kg	
95-48-7	2-Methylphenol	ND	130	76	ug/kg	
	3&4-Methylphenol	ND	130	85	ug/kg	
88-75-5	2-Nitrophenol	ND	330	71	ug/kg	
100-02-7	4-Nitrophenol	ND	670	110	ug/kg	
87-86-5	Pentachlorophenol	ND	670	110	ug/kg	
108-95-2	Phenol	ND	130	70	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	330	69	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	330	78	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	330	63	ug/kg	
83-32-9	Acenaphthene	ND	67	19	ug/kg	
208-96-8	Acenaphthylene	ND	67	21	ug/kg	
98-86-2	Acetophenone	ND	330	12	ug/kg	
120-12-7	Anthracene	ND	67	23	ug/kg	
1912-24-9	Atrazine	ND	130	13	ug/kg	
56-55-3	Benzo(a)anthracene	42.9	67	22	ug/kg	J
50-32-8	Benzo(a)pyrene	55.8	67	20	ug/kg	J
205-99-2	Benzo(b)fluoranthene	48.8	67	22	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	40.8	67	25	ug/kg	J
207-08-9	Benzo(k)fluoranthene	34.2	67	25	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	130	24	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	130	39	ug/kg	
92-52-4	1,1'-Biphenyl	ND	130	7.8	ug/kg	
100-52-7	Benzaldehyde	ND	330	15	ug/kg	
91-58-7	2-Chloronaphthalene	ND	130	21	ug/kg	
106-47-8	4-Chloroaniline	ND	330	21	ug/kg	
86-74-8	Carbazole	ND	130	31	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	130	21	ug/kg	
218-01-9	Chrysene	46.2	67	23	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	130	27	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	130	20	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	130	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	130	20	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	67	29	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	67	25	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	130	17	ug/kg	
123-91-1	1,4-Dioxane	ND	67	43	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	67	23	ug/kg	
132-64-9	Dibenzofuran	ND	130	20	ug/kg	
84-74-2	Di-n-butyl phthalate	159	130	15	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	130	33	ug/kg	
84-66-2	Diethyl phthalate	ND	130	23	ug/kg	
131-11-3	Dimethyl phthalate	ND	130	24	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	166	130	59	ug/kg	
206-44-0	Fluoranthene	54.3	67	29	ug/kg	J
86-73-7	Fluorene	ND	67	22	ug/kg	
118-74-1	Hexachlorobenzene	ND	130	22	ug/kg	
87-68-3	Hexachlorobutadiene	ND	67	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	670	68	ug/kg	
67-72-1	Hexachloroethane	ND	330	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	67	23	ug/kg	
78-59-1	Isophorone	ND	130	18	ug/kg	
91-57-6	2-Methylnaphthalene	ND	130	37	ug/kg	
88-74-4	2-Nitroaniline	ND	330	29	ug/kg	
99-09-2	3-Nitroaniline	ND	330	27	ug/kg	
100-01-6	4-Nitroaniline	ND	330	26	ug/kg	
91-20-3	Naphthalene	ND	67	18	ug/kg	
98-95-3	Nitrobenzene	ND	130	19	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	130	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	330	40	ug/kg	
85-01-8	Phenanthrene	ND	67	30	ug/kg	
129-00-0	Pyrene	54.1	67	26	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	330	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		13-110%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	2P44457.D	2	12/22/14	SD	12/19/14	OP80540	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	150	76	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	380	76	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	380	120	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	380	130	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1500	93	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1500	93	ug/kg	
95-48-7	2-Methylphenol	ND	150	87	ug/kg	
	3&4-Methylphenol	ND	150	96	ug/kg	
88-75-5	2-Nitrophenol	ND	380	81	ug/kg	
100-02-7	4-Nitrophenol	ND	760	130	ug/kg	
87-86-5	Pentachlorophenol	ND	760	130	ug/kg	
108-95-2	Phenol	ND	150	80	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	380	78	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	380	88	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	380	71	ug/kg	
83-32-9	Acenaphthene	179	76	22	ug/kg	
208-96-8	Acenaphthylene	236	76	24	ug/kg	
98-86-2	Acetophenone	ND	380	13	ug/kg	
120-12-7	Anthracene	622	76	27	ug/kg	
1912-24-9	Atrazine	ND	150	15	ug/kg	
56-55-3	Benzo(a)anthracene	1990	76	25	ug/kg	
50-32-8	Benzo(a)pyrene	1980	76	23	ug/kg	
205-99-2	Benzo(b)fluoranthene	2040	76	25	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1320	76	28	ug/kg	
207-08-9	Benzo(k)fluoranthene	1340	76	29	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	150	28	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	150	44	ug/kg	
92-52-4	1,1'-Biphenyl	ND	150	8.8	ug/kg	
100-52-7	Benzaldehyde	52.6	380	17	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	150	24	ug/kg	
106-47-8	4-Chloroaniline	ND	380	24	ug/kg	
86-74-8	Carbazole	293	150	35	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	150	24	ug/kg	
218-01-9	Chrysene	2020	76	26	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	150	31	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	150	23	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	150	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	150	23	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	76	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	76	29	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	150	19	ug/kg	
123-91-1	1,4-Dioxane	ND	76	49	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	320	76	26	ug/kg	
132-64-9	Dibenzofuran	106	150	23	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	150	17	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	150	37	ug/kg	
84-66-2	Diethyl phthalate	ND	150	26	ug/kg	
131-11-3	Dimethyl phthalate	ND	150	27	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	601	150	67	ug/kg	
206-44-0	Fluoranthene	4310	76	34	ug/kg	
86-73-7	Fluorene	174	76	25	ug/kg	
118-74-1	Hexachlorobenzene	ND	150	25	ug/kg	
87-68-3	Hexachlorobutadiene	ND	76	21	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	760	77	ug/kg	
67-72-1	Hexachloroethane	ND	380	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1340	76	26	ug/kg	
78-59-1	Isophorone	ND	150	20	ug/kg	
91-57-6	2-Methylnaphthalene	ND	150	42	ug/kg	
88-74-4	2-Nitroaniline	ND	380	33	ug/kg	
99-09-2	3-Nitroaniline	ND	380	30	ug/kg	
100-01-6	4-Nitroaniline	ND	380	30	ug/kg	
91-20-3	Naphthalene	46.8	76	21	ug/kg	J
98-95-3	Nitrobenzene	ND	150	22	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	150	19	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	380	45	ug/kg	
85-01-8	Phenanthrene	2900	76	35	ug/kg	
129-00-0	Pyrene	4500	76	29	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	380	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		22-121%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8270D SW846 3550C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P44449A.D	1	12/22/14	SD	12/19/14	OP80556	E2P1880
Run #2							

Run #	Initial Weight	Final Volume
Run #1	33.7 g	1.0 ml
Run #2		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	65	32	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	160	32	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	160	52	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	160	54	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	650	39	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	650	39	ug/kg	
95-48-7	2-Methylphenol	ND	65	37	ug/kg	
	3&4-Methylphenol	ND	65	41	ug/kg	
88-75-5	2-Nitrophenol	ND	160	34	ug/kg	
100-02-7	4-Nitrophenol	ND	320	55	ug/kg	
87-86-5	Pentachlorophenol	ND	320	55	ug/kg	
108-95-2	Phenol	ND	65	34	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	160	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	160	30	ug/kg	
83-32-9	Acenaphthene	ND	32	9.4	ug/kg	
208-96-8	Acenaphthylene	ND	32	10	ug/kg	
98-86-2	Acetophenone	ND	160	5.7	ug/kg	
120-12-7	Anthracene	ND	32	11	ug/kg	
1912-24-9	Atrazine	ND	65	6.4	ug/kg	
56-55-3	Benzo(a)anthracene	ND	32	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	32	9.9	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	32	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	32	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	32	12	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	65	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	65	19	ug/kg	
92-52-4	1,1'-Biphenyl	ND	65	3.8	ug/kg	
100-52-7	Benzaldehyde	ND	160	7.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	65	10	ug/kg	
106-47-8	4-Chloroaniline	ND	160	10	ug/kg	
86-74-8	Carbazole	ND	65	15	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Report of Analysis

Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8270D SW846 3550C		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	65	10	ug/kg	
218-01-9	Chrysene	ND	32	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	65	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	65	9.7	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	65	9.6	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	65	9.7	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	32	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	32	12	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	65	8.2	ug/kg	
123-91-1	1,4-Dioxane	ND	32	21	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	32	11	ug/kg	
132-64-9	Dibenzofuran	ND	65	9.6	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	65	7.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	65	16	ug/kg	
84-66-2	Diethyl phthalate	ND	65	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	65	11	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	65	29	ug/kg	
206-44-0	Fluoranthene	ND	32	14	ug/kg	
86-73-7	Fluorene	ND	32	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	65	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	32	9.0	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	320	33	ug/kg	
67-72-1	Hexachloroethane	ND	160	9.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	32	11	ug/kg	
78-59-1	Isophorone	ND	65	8.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	65	18	ug/kg	
88-74-4	2-Nitroaniline	ND	160	14	ug/kg	
99-09-2	3-Nitroaniline	ND	160	13	ug/kg	
100-01-6	4-Nitroaniline	ND	160	13	ug/kg	
91-20-3	Naphthalene	ND	32	8.8	ug/kg	
98-95-3	Nitrobenzene	ND	65	9.4	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	65	7.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	160	19	ug/kg	
85-01-8	Phenanthrene	ND	32	15	ug/kg	
129-00-0	Pyrene	ND	32	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	9.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		22-121%

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

# **PESTICIDE ORGANIC COMPOUNDS**



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## Report of Analysis

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Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8081B SW846 3510C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G107917.D	1	12/22/14	KJ	12/19/14	OP80573	G1G3545
Run #2							

Run #	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.011	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.011	0.0025	ug/l	
319-85-7	beta-BHC	ND	0.011	0.0024	ug/l	
319-86-8	delta-BHC	ND	0.011	0.0020	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.011	0.0018	ug/l	
5103-71-9	alpha-Chlordane	ND	0.011	0.0030	ug/l	
5103-74-2	gamma-Chlordane	ND	0.011	0.0022	ug/l	
60-57-1	Dieldrin	ND	0.011	0.0017	ug/l	
72-54-8	4,4'-DDD	ND	0.011	0.0026	ug/l	
72-55-9	4,4'-DDE	ND	0.011	0.0018	ug/l	
50-29-3	4,4'-DDT	ND	0.011	0.0034	ug/l	
72-20-8	Endrin	ND	0.011	0.0021	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.011	0.0020	ug/l	
7421-93-4	Endrin aldehyde	ND	0.011	0.0039	ug/l	
53494-70-5	Endrin ketone	ND	0.011	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.011	0.0030	ug/l	
33213-65-9	Endosulfan-II	ND	0.011	0.0021	ug/l	
76-44-8	Heptachlor	ND	0.011	0.0023	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.011	0.0028	ug/l	
72-43-5	Methoxychlor	ND	0.021	0.0043	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.16	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		26-132%
877-09-8	Tetrachloro-m-xylene	88%		26-132%
2051-24-3	Decachlorobiphenyl	47%		10-118%
2051-24-3	Decachlorobiphenyl	43%		10-118%

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51889.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	10.1	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane	7.9	0.73	0.51	ug/kg	
60-57-1	Dieldrin	11.4	0.73	0.29	ug/kg	
72-54-8	4,4'-DDD	13.3	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	18.6	0.73	0.30	ug/kg	
50-29-3	4,4'-DDT	61.7	0.73	0.36	ug/kg	
72-20-8	Endrin	ND	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	1.4	0.73	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		10-129%
877-09-8	Tetrachloro-m-xylene	61%		10-129%
2051-24-3	Decachlorobiphenyl	79%		10-144%
2051-24-3	Decachlorobiphenyl	100%		10-144%

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51941.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2	6G18545.D	10	12/23/14	YD	12/19/14	OP80559	G6G539

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2	15.0 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.80	0.37	ug/kg	
319-84-6	alpha-BHC	ND	0.80	0.24	ug/kg	
319-85-7	beta-BHC	ND	0.80	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.80	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.80	0.39	ug/kg	
5103-71-9	alpha-Chlordane	15.6	0.80	0.30	ug/kg	
5103-74-2	gamma-Chlordane	12.9	0.80	0.55	ug/kg	
60-57-1	Dieldrin	27.3	0.80	0.31	ug/kg	
72-54-8	4,4'-DDD <sup>a</sup>	45.5	0.80	0.44	ug/kg	J
72-55-9	4,4'-DDE	38.5	0.80	0.32	ug/kg	
50-29-3	4,4'-DDT	119 <sup>b</sup>	8.0	4.0	ug/kg	
72-20-8	Endrin	ND	0.80	0.26	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.80	0.34	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.80	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.80	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	0.80	0.48	ug/kg	
76-44-8	Heptachlor	ND	0.80	0.39	ug/kg	
1024-57-3	Heptachlor epoxide <sup>a</sup>	2.0	0.80	0.30	ug/kg	J
72-43-5	Methoxychlor	ND	1.6	0.79	ug/kg	
53494-70-5	Endrin ketone	ND	0.80	0.33	ug/kg	
8001-35-2	Toxaphene	ND	20	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	44%	43%	10-129%
877-09-8	Tetrachloro-m-xylene	42%	47%	10-129%
2051-24-3	Decachlorobiphenyl	84%	32%	10-144%
2051-24-3	Decachlorobiphenyl	214% <sup>c</sup>	106%	10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Result is from Run# 2

(c) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51890.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.31	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.20	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.33	ug/kg	
5103-71-9	alpha-Chlordane	4.3	0.68	0.25	ug/kg	
5103-74-2	gamma-Chlordane	4.1	0.68	0.47	ug/kg	
60-57-1	Dieldrin <sup>a</sup>	2.6	0.68	0.27	ug/kg	J
72-54-8	4,4'-DDD	7.7	0.68	0.37	ug/kg	↓
72-55-9	4,4'-DDE <sup>a</sup>	3.1	0.68	0.27	ug/kg	
50-29-3	4,4'-DDT	4.9	0.68	0.34	ug/kg	
72-20-8	Endrin	ND	0.68	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.68	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.25	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		10-129%
877-09-8	Tetrachloro-m-xylene	59%		10-129%
2051-24-3	Decachlorobiphenyl	73%		10-144%
2051-24-3	Decachlorobiphenyl	61%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51891.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.31	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.20	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.33	ug/kg	
5103-71-9	alpha-Chlordane	3.0	0.68	0.25	ug/kg	
5103-74-2	gamma-Chlordane	2.8	0.68	0.47	ug/kg	
60-57-1	Dieldrin <sup>a</sup>	1.5	0.68	0.27	ug/kg	J
72-54-8	4,4'-DDD	1.1	0.68	0.37	ug/kg	↓
72-55-9	4,4'-DDE <sup>a</sup>	1.3	0.68	0.27	ug/kg	
50-29-3	4,4'-DDT	1.2	0.68	0.34	ug/kg	
72-20-8	Endrin	ND	0.68	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.68	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.25	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		10-129%
877-09-8	Tetrachloro-m-xylene	51%		10-129%
2051-24-3	Decachlorobiphenyl	38%		10-144%
2051-24-3	Decachlorobiphenyl	43%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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### Report of Analysis

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<b>Client Sample ID:</b> ERM-SB-09(6-8')	<b>Date Sampled:</b> 12/17/14
<b>Lab Sample ID:</b> JB84478-8	<b>Date Received:</b> 12/17/14
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 88.4
<b>Method:</b> SW846 8081B SW846 3546	
<b>Project:</b> Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51892.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2	4G51970.D	20	12/22/14	KJ	12/19/14	OP80538	G4G1331

Run #	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2	15.6 g	10.0 ml

**Pesticide TCL List**

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane <sup>a</sup>	95.9 <sup>b</sup>	15	5.4	ug/kg	J
5103-74-2	gamma-Chlordane	94.9 <sup>b</sup>	15	10	ug/kg	J
60-57-1	Dieldrin	77.5 <sup>b</sup>	15	5.7	ug/kg	J
72-54-8	4,4'-DDD	47.0	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	80.7 <sup>b</sup>	15	5.8	ug/kg	J
50-29-3	4,4'-DDT	627 <sup>b</sup>	15	7.1	ug/kg	J
72-20-8	Endrin	ND	0.73	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.43	ug/kg	
76-44-8	Heptachlor <sup>a</sup>	3.9	0.73	0.35	ug/kg	J
1024-57-3	Heptachlor epoxide	ND	0.73	0.27	ug/kg	
72-43-5	Methoxychlor <sup>a</sup>	101 <sup>b</sup>	29	14	ug/kg	J
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	44%	0% <sup>c</sup>	10-129%
877-09-8	Tetrachloro-m-xylene	41%	0% <sup>c</sup>	10-129%
2051-24-3	Decachlorobiphenyl	53%	0% <sup>c</sup>	10-144%
2051-24-3	Decachlorobiphenyl	74%	0% <sup>c</sup>	10-144%

- (a) More than 40 % RPD for detected concentrations between the two GC columns.
- (b) Result is from Run# 2
- (c) Outside control limits due to dilution.

ND = Not detected      MDL = Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51893.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	4.6	0.69	0.25	ug/kg	
5103-74-2	gamma-Chlordane	5.0	0.69	0.47	ug/kg	
60-57-1	Dieldrin	4.3	0.69	0.27	ug/kg	
72-54-8	4,4'-DDD	2.5	0.69	0.37	ug/kg	
72-55-9	4,4'-DDE <sup>a</sup>	3.2	0.69	0.28	ug/kg	J
50-29-3	4,4'-DDT	16.7	0.69	0.34	ug/kg	J
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.33	ug/kg	
1024-57-3	Heptachlor epoxide <sup>a</sup>	4.2	0.69	0.26	ug/kg	J
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		10-129%
877-09-8	Tetrachloro-m-xylene	69%		10-129%
2051-24-3	Decachlorobiphenyl	71%		10-144%
2051-24-3	Decachlorobiphenyl	61%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51942.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2	6G18546.D	10	12/23/14	YD	12/19/14	OP80559	G6G539

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.77	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.77	0.23	ug/kg	
319-85-7	beta-BHC	ND	0.77	0.48	ug/kg	
319-86-8	delta-BHC	ND	0.77	0.38	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.77	0.38	ug/kg	
5103-71-9	alpha-Chlordane	20.9	0.77	0.28	ug/kg	
5103-74-2	gamma-Chlordane	13.3	0.77	0.53	ug/kg	
60-57-1	Dieldrin	38.3	0.77	0.30	ug/kg	
72-54-8	4,4'-DDD	24.7	0.77	0.42	ug/kg	
72-55-9	4,4'-DDE	48.4	0.77	0.31	ug/kg	
50-29-3	4,4'-DDT	190 <sup>a</sup>	7.7	3.8	ug/kg	
72-20-8	Endrin	ND	0.77	0.25	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.77	0.33	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.77	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.77	0.29	ug/kg	
33213-65-9	Endosulfan-II	ND	0.77	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.77	0.38	ug/kg	
1024-57-3	Heptachlor epoxide	1.3	0.77	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.75	ug/kg	
53494-70-5	Endrin ketone	ND	0.77	0.31	ug/kg	
8001-35-2	Toxaphene	ND	19	9.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%	53%	10-129%
877-09-8	Tetrachloro-m-xylene	52%	56%	10-129%
2051-24-3	Decachlorobiphenyl	75%	44%	10-144%
2051-24-3	Decachlorobiphenyl	186% <sup>b</sup>	124%	10-144%

(a) Result is from Run# 2

(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51894.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.44	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.35	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.26	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.49	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.28	ug/kg	
72-54-8	4,4'-DDD	ND	0.71	0.39	ug/kg	
72-55-9	4,4'-DDE	ND	0.71	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.71	0.35	ug/kg	
72-20-8	Endrin	ND	0.71	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.69	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	41%		10-129%
877-09-8	Tetrachloro-m-xylene	39%		10-129%
2051-24-3	Decachlorobiphenyl	48%		10-144%
2051-24-3	Decachlorobiphenyl	49%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51895.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.35	ug/kg	
5103-71-9	alpha-Chlordane	16.5	0.72	0.27	ug/kg	
5103-74-2	gamma-Chlordane	16.4	0.72	0.50	ug/kg	
60-57-1	Dieldrin <sup>a</sup>	4.8	0.72	0.28	ug/kg	J
72-54-8	4,4'-DDD	2.3	0.72	0.39	ug/kg	
72-55-9	4,4'-DDE <sup>a</sup>	2.8	0.72	0.29	ug/kg	J
50-29-3	4,4'-DDT	12.0	0.72	0.35	ug/kg	
72-20-8	Endrin	ND	0.72	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.35	ug/kg	
1024-57-3	Heptachlor epoxide <sup>a</sup>	1.5	0.72	0.27	ug/kg	J
72-43-5	Methoxychlor	ND	1.4	0.70	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	68%		10-129%
877-09-8	Tetrachloro-m-xylene	68%		10-129%
2051-24-3	Decachlorobiphenyl	54%		10-144%
2051-24-3	Decachlorobiphenyl	63%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51943.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2	6G18547.D	10	12/23/14	YD	12/19/14	OP80559	G6G539

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	11.4	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane <sup>a</sup>	12.7	0.73	0.50	ug/kg	
60-57-1	Dieldrin	11.8	0.73	0.28	ug/kg	
72-54-8	4,4'-DDD	6.1	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE <sup>b</sup>	9.2	0.73	0.29	ug/kg	J
50-29-3	4,4'-DDT	75.3 <sup>c</sup>	7.3	3.6	ug/kg	
72-20-8	Endrin	2.3	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.35	ug/kg	
1024-57-3	Heptachlor epoxide <sup>b</sup>	1.5	0.73	0.27	ug/kg	J
72-43-5	Methoxychlor	ND	1.5	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	54%	49%	10-129%
877-09-8	Tetrachloro-m-xylene	51%	49%	10-129%
2051-24-3	Decachlorobiphenyl	63%	37%	10-144%
2051-24-3	Decachlorobiphenyl	96%	64%	10-144%

(a) Reported from 2nd signal. %D of check on 1st signal excess method criteria (20 %) so using for confirmation only.

(b) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected

MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51896.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.37	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.28	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.74	0.51	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	0.74	0.41	ug/kg	
72-55-9	4,4'-DDE	ND	0.74	0.30	ug/kg	
50-29-3	4,4'-DDT	ND	0.74	0.37	ug/kg	
72-20-8	Endrin	ND	0.74	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.28	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.73	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.30	ug/kg	
8001-35-2	Toxaphene	ND	19	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	49%		10-129%
877-09-8	Tetrachloro-m-xylene	48%		10-129%
2051-24-3	Decachlorobiphenyl	50%		10-144%
2051-24-3	Decachlorobiphenyl	54%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51897.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.44	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.70	0.26	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.70	0.48	ug/kg	
60-57-1	Dieldrin	ND	0.70	0.27	ug/kg	
72-54-8	4,4'-DDD	ND	0.70	0.38	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.70	0.34	ug/kg	
72-20-8	Endrin	ND	0.70	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.68	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	37%		10-129%
877-09-8	Tetrachloro-m-xylene	34%		10-129%
2051-24-3	Decachlorobiphenyl	44%		10-144%
2051-24-3	Decachlorobiphenyl	43%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51898.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.4 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	7.0	0.69	0.25	ug/kg	
5103-74-2	gamma-Chlordane	4.5	0.69	0.47	ug/kg	
60-57-1	Dieldrin	12.9	0.69	0.27	ug/kg	
72-54-8	4,4'-DDD	19.7	0.69	0.38	ug/kg	
72-55-9	4,4'-DDE	10.4	0.69	0.28	ug/kg	
50-29-3	4,4'-DDT	61.9	0.69	0.34	ug/kg	
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		10-129%
877-09-8	Tetrachloro-m-xylene	53%		10-129%
2051-24-3	Decachlorobiphenyl	51%		10-144%
2051-24-3	Decachlorobiphenyl	73%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51946.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2	6G18544.D	10	12/23/14	YD	12/19/14	OP80559	G6G539

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.84	0.39	ug/kg	
319-84-6	alpha-BHC	ND	0.84	0.25	ug/kg	
319-85-7	beta-BHC	ND	0.84	0.53	ug/kg	
319-86-8	delta-BHC	ND	0.84	0.42	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.84	0.41	ug/kg	
5103-71-9	alpha-Chlordane <sup>a</sup>	80.9 <sup>b</sup>	8.4	3.1	ug/kg	J
5103-74-2	gamma-Chlordane	78.0 <sup>b</sup>	8.4	5.8	ug/kg	
60-57-1	Dieldrin	70.9 <sup>b</sup>	8.4	3.3	ug/kg	
72-54-8	4,4'-DDD	73.2 <sup>b</sup>	8.4	4.6	ug/kg	
72-55-9	4,4'-DDE	83.5 <sup>b</sup>	8.4	3.4	ug/kg	
50-29-3	4,4'-DDT	629 <sup>b</sup>	8.4	4.2	ug/kg	
72-20-8	Endrin	ND	0.84	0.27	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.84	0.36	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.84	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.84	0.32	ug/kg	
33213-65-9	Endosulfan-II	ND	0.84	0.51	ug/kg	
76-44-8	Heptachlor	1.1	0.84	0.41	ug/kg	
1024-57-3	Heptachlor epoxide <sup>a</sup>	5.8	0.84	0.32	ug/kg	J
72-43-5	Methoxychlor	ND	1.7	0.83	ug/kg	
53494-70-5	Endrin ketone	ND	0.84	0.34	ug/kg	
8001-35-2	Toxaphene	ND	21	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%	63%	10-129%
877-09-8	Tetrachloro-m-xylene	63%	63%	10-129%
2051-24-3	Decachlorobiphenyl	84%	47%	10-144%
2051-24-3	Decachlorobiphenyl	140%	91%	10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51899.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2	4G51969.D	5	12/22/14	KJ	12/19/14	OP80538	G4G1331

Run #	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2	15.5 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.44	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.35	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.34	ug/kg	
5103-71-9	alpha-Chlordane	9.7	0.70	0.26	ug/kg	
5103-74-2	gamma-Chlordane	8.8	0.70	0.48	ug/kg	
60-57-1	Dieldrin	11.1	0.70	0.27	ug/kg	
72-54-8	4,4'-DDD	26.5	0.70	0.38	ug/kg	
72-55-9	4,4'-DDE	23.6	0.70	0.28	ug/kg	
50-29-3	4,4'-DDT	151 <sup>a</sup>	3.5	1.7	ug/kg	
72-20-8	Endrin	ND	0.70	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.69	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	8.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%	65%	10-129%
877-09-8	Tetrachloro-m-xylene	56%	59%	10-129%
2051-24-3	Decachlorobiphenyl	68%	77%	10-144%
2051-24-3	Decachlorobiphenyl	72%	96%	10-144%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51944.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.35	ug/kg	
5103-71-9	alpha-Chlordane	1.5	0.72	0.27	ug/kg	
5103-74-2	gamma-Chlordane	1.4	0.72	0.50	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.28	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.39	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.29	ug/kg	
50-29-3	4,4'-DDT	2.4	0.72	0.36	ug/kg	
72-20-8	Endrin	ND	0.72	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	44%		10-129%
877-09-8	Tetrachloro-m-xylene	43%		10-129%
2051-24-3	Decachlorobiphenyl	47%		10-144%
2051-24-3	Decachlorobiphenyl	51%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8081B SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51900.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.69	0.26	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.48	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.27	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.38	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.69	0.34	ug/kg	
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.68	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	33%		10-129%
877-09-8	Tetrachloro-m-xylene	31%		10-129%
2051-24-3	Decachlorobiphenyl	46%		10-144%
2051-24-3	Decachlorobiphenyl	50%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51901.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.69	0.25	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.47	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.27	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.37	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.69	0.34	ug/kg	
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	40%		10-129%
877-09-8	Tetrachloro-m-xylene	38%		10-129%
2051-24-3	Decachlorobiphenyl	40%		10-144%
2051-24-3	Decachlorobiphenyl	40%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51902.D	1	12/20/14	JN	12/19/14	OP80538	G4G1329
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.31	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.20	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.42	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.68	0.25	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.68	0.47	ug/kg	
60-57-1	Dieldrin	ND	0.68	0.27	ug/kg	
72-54-8	4,4'-DDD	ND	0.68	0.37	ug/kg	
72-55-9	4,4'-DDE	ND	0.68	0.27	ug/kg	
50-29-3	4,4'-DDT	ND	0.68	0.34	ug/kg	
72-20-8	Endrin	ND	0.68	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.68	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.25	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		10-129%
877-09-8	Tetrachloro-m-xylene	46%		10-129%
2051-24-3	Decachlorobiphenyl	41%		10-144%
2051-24-3	Decachlorobiphenyl	40%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51967.D	1	12/22/14	KJ	12/19/14	OP80538	G4G1331
Run #2	6G18548.D	10	12/23/14	YD	12/19/14	OP80538	G6G539

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2	15.7 g	10.0 ml

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.75	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.75	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.75	0.47	ug/kg	
319-86-8	delta-BHC	ND	0.75	0.37	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.75	0.37	ug/kg	
5103-71-9	alpha-Chlordane	30.4	0.75	0.28	ug/kg	
5103-74-2	gamma-Chlordane	23.3	0.75	0.52	ug/kg	
60-57-1	Dieldrin	63.1	0.75	0.29	ug/kg	
72-54-8	4,4'-DDD	37.5	0.75	0.41	ug/kg	
72-55-9	4,4'-DDE	58.7	0.75	0.30	ug/kg	
50-29-3	4,4'-DDT	156 <sup>a</sup>	7.5	3.7	ug/kg	
72-20-8	Endrin	ND	0.75	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.75	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.75	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.75	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.75	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.75	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	4.1	0.75	0.28	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.73	ug/kg	
53494-70-5	Endrin ketone	ND	0.75	0.30	ug/kg	
8001-35-2	Toxaphene	ND	19	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%	55%	10-129%
877-09-8	Tetrachloro-m-xylene	52%	63%	10-129%
2051-24-3	Decachlorobiphenyl	88%	46%	10-144%
2051-24-3	Decachlorobiphenyl	147% <sup>b</sup>	121%	10-144%

(a) Result is from Run# 2

(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8081B SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G51945.D	1	12/21/14	JN	12/19/14	OP80559	G4G1330
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.69	0.26	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.48	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.27	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.38	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.69	0.34	ug/kg	
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.68	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		10-129%
877-09-8	Tetrachloro-m-xylene	76%		10-129%
2051-24-3	Decachlorobiphenyl	72%		10-144%
2051-24-3	Decachlorobiphenyl	75%		10-144%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

# **POLYCHLORINATED BIPHENYL COMPOUNDS**

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## Report of Analysis

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Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G107267.D	1	12/20/14	JN	12/19/14	OP80572	G2G3216
Run #2							

Run #	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.14	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.41	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.091	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.15	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.22	ug/l	
11100-14-4	Aroclor 1268	ND	0.53	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.53	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		20-130%
877-09-8	Tetrachloro-m-xylene	87%		20-130%
2051-24-3	Decachlorobiphenyl	50%		10-122%
2051-24-3	Decachlorobiphenyl	50%		10-122%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163422.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	19	ug/kg	
53469-21-9	Aroclor 1242	ND	37	12	ug/kg	
12672-29-6	Aroclor 1248	ND	37	11	ug/kg	
11097-69-1	Aroclor 1254	ND	37	17	ug/kg	
11096-82-5	Aroclor 1260	ND	37	12	ug/kg	
11100-14-4	Aroclor 1268	ND	37	11	ug/kg	
37324-23-5	Aroclor 1262	ND	37	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		14-139%
877-09-8	Tetrachloro-m-xylene	69%		14-139%
2051-24-3	Decachlorobiphenyl	56%		10-155%
2051-24-3	Decachlorobiphenyl	78%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138853.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	10	ug/kg	
11104-28-2	Aroclor 1221	ND	40	24	ug/kg	
11141-16-5	Aroclor 1232	ND	40	20	ug/kg	
53469-21-9	Aroclor 1242	ND	40	13	ug/kg	
12672-29-6	Aroclor 1248	ND	40	12	ug/kg	
11097-69-1	Aroclor 1254	ND	40	19	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	12	ug/kg	
37324-23-5	Aroclor 1262	ND	40	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	49%		14-139%
877-09-8	Tetrachloro-m-xylene	49%		14-139%
2051-24-3	Decachlorobiphenyl	162% <sup>a</sup>		10-155%
2051-24-3	Decachlorobiphenyl	48%		10-155%

(a) Outside control limits due to matrix interference.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
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J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-09(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-5	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163423.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.8	ug/kg	
11104-28-2	Aroclor 1221	ND	34	20	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		14-139%
877-09-8	Tetrachloro-m-xylene	66%		14-139%
2051-24-3	Decachlorobiphenyl	55%		10-155%
2051-24-3	Decachlorobiphenyl	66%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163424.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.8	ug/kg	
11104-28-2	Aroclor 1221	ND	34	20	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		14-139%
877-09-8	Tetrachloro-m-xylene	62%		14-139%
2051-24-3	Decachlorobiphenyl	47%		10-155%
2051-24-3	Decachlorobiphenyl	54%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163425.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.4	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	40%		14-139%
877-09-8	Tetrachloro-m-xylene	44%		14-139%
2051-24-3	Decachlorobiphenyl	43%		10-155%
2051-24-3	Decachlorobiphenyl	48%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163426.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.9	ug/kg	J
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	↓
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	60.8	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	53.2	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		14-139%
877-09-8	Tetrachloro-m-xylene	81%		14-139%
2051-24-3	Decachlorobiphenyl	63%		10-155%
2051-24-3	Decachlorobiphenyl	60%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138854.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	10	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	19	ug/kg	
53469-21-9	Aroclor 1242	ND	39	12	ug/kg	
12672-29-6	Aroclor 1248	ND	39	12	ug/kg	
11097-69-1	Aroclor 1254	ND	39	18	ug/kg	
11096-82-5	Aroclor 1260	ND	39	13	ug/kg	
11100-14-4	Aroclor 1268	ND	39	11	ug/kg	
37324-23-5	Aroclor 1262	ND	39	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		14-139%
877-09-8	Tetrachloro-m-xylene	57%		14-139%
2051-24-3	Decachlorobiphenyl	118%		10-155%
2051-24-3	Decachlorobiphenyl	52%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163433.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.2	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	17	ug/kg	
11096-82-5	Aroclor 1260	ND	35	12	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	43%		14-139%
877-09-8	Tetrachloro-m-xylene	47%		14-139%
2051-24-3	Decachlorobiphenyl	59%		10-155%
2051-24-3	Decachlorobiphenyl	54%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163434.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.2	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	17	ug/kg	
11096-82-5	Aroclor 1260	124	35	12	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		14-139%
877-09-8	Tetrachloro-m-xylene	97%		14-139%
2051-24-3	Decachlorobiphenyl	70%		10-155%
2051-24-3	Decachlorobiphenyl	83%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138855.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.4	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	203	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	214	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		14-139%
877-09-8	Tetrachloro-m-xylene	64%		14-139%
2051-24-3	Decachlorobiphenyl	59%		10-155%
2051-24-3	Decachlorobiphenyl	44%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163435.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	9.7	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	19	ug/kg	
53469-21-9	Aroclor 1242	ND	37	12	ug/kg	
12672-29-6	Aroclor 1248	ND	37	11	ug/kg	
11097-69-1	Aroclor 1254	ND	37	17	ug/kg	
11096-82-5	Aroclor 1260	ND	37	12	ug/kg	
11100-14-4	Aroclor 1268	ND	37	11	ug/kg	
37324-23-5	Aroclor 1262	ND	37	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		14-139%
877-09-8	Tetrachloro-m-xylene	59%		14-139%
2051-24-3	Decachlorobiphenyl	66%		10-155%
2051-24-3	Decachlorobiphenyl	68%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163436.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	11	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	39%		14-139%
877-09-8	Tetrachloro-m-xylene	44%		14-139%
2051-24-3	Decachlorobiphenyl	58%		10-155%
2051-24-3	Decachlorobiphenyl	53%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163437.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.4 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.9	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		14-139%
877-09-8	Tetrachloro-m-xylene	76%		14-139%
2051-24-3	Decachlorobiphenyl	72%		10-155%
2051-24-3	Decachlorobiphenyl	88%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138856.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	42	11	ug/kg	
11104-28-2	Aroclor 1221	ND	42	26	ug/kg	
11141-16-5	Aroclor 1232	ND	42	21	ug/kg	
53469-21-9	Aroclor 1242	ND	42	14	ug/kg	
12672-29-6	Aroclor 1248	ND	42	13	ug/kg	
11097-69-1	Aroclor 1254	ND	42	20	ug/kg	
11096-82-5	Aroclor 1260	ND	42	14	ug/kg	
11100-14-4	Aroclor 1268	ND	42	12	ug/kg	
37324-23-5	Aroclor 1262	ND	42	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		14-139%
877-09-8	Tetrachloro-m-xylene	61%		14-139%
2051-24-3	Decachlorobiphenyl	111%		10-155%
2051-24-3	Decachlorobiphenyl	49%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163442.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	12	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		14-139%
877-09-8	Tetrachloro-m-xylene	71%		14-139%
2051-24-3	Decachlorobiphenyl	70%		10-155%
2051-24-3	Decachlorobiphenyl	79%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138857.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.9	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	48%		14-139%
877-09-8	Tetrachloro-m-xylene	53%		14-139%
2051-24-3	Decachlorobiphenyl	35%		10-155%
2051-24-3	Decachlorobiphenyl	28%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163443.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.0	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	17	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	11	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	38%		14-139%
877-09-8	Tetrachloro-m-xylene	42%		14-139%
2051-24-3	Decachlorobiphenyl	70%		10-155%
2051-24-3	Decachlorobiphenyl	83%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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<b>Client Sample ID:</b>	ERM-SB-13(13-15')	<b>Date Sampled:</b>	12/17/14
<b>Lab Sample ID:</b>	JB84478-21	<b>Date Received:</b>	12/17/14
<b>Matrix:</b>	SO - Soil	<b>Percent Solids:</b>	93.4
<b>Method:</b>	SW846 8082A SW846 3546		
<b>Project:</b>	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163444.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

**PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.9	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	47%		14-139%
877-09-8	Tetrachloro-m-xylene	53%		14-139%
2051-24-3	Decachlorobiphenyl	54%		10-155%
2051-24-3	Decachlorobiphenyl	50%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Method:	SW846 8082A SW846 3546	Project: Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163445.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	8.9	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	17	ug/kg	
53469-21-9	Aroclor 1242	ND	34	11	ug/kg	
12672-29-6	Aroclor 1248	ND	34	10	ug/kg	
11097-69-1	Aroclor 1254	ND	34	16	ug/kg	
11096-82-5	Aroclor 1260	ND	34	11	ug/kg	
11100-14-4	Aroclor 1268	ND	34	10	ug/kg	
37324-23-5	Aroclor 1262	ND	34	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		14-139%
877-09-8	Tetrachloro-m-xylene	63%		14-139%
2051-24-3	Decachlorobiphenyl	57%		10-155%
2051-24-3	Decachlorobiphenyl	53%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX163446.D	1	12/20/14	JR	12/19/14	OP80536	GXX5203
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	10	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	20	ug/kg	
53469-21-9	Aroclor 1242	ND	39	12	ug/kg	
12672-29-6	Aroclor 1248	ND	39	12	ug/kg	
11097-69-1	Aroclor 1254	ND	39	18	ug/kg	
11096-82-5	Aroclor 1260	ND	39	13	ug/kg	
11100-14-4	Aroclor 1268	ND	39	11	ug/kg	
37324-23-5	Aroclor 1262	ND	39	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		14-139%
877-09-8	Tetrachloro-m-xylene	78%		14-139%
2051-24-3	Decachlorobiphenyl	67%		10-155%
2051-24-3	Decachlorobiphenyl	115%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Method:	SW846 8082A SW846 3546		
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF138858.D	1	12/20/14	JN	12/19/14	OP80558	GEF5236
Run #2							

Run #	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

## PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.4	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		14-139%
877-09-8	Tetrachloro-m-xylene	96%		14-139%
2051-24-3	Decachlorobiphenyl	78%		10-155%
2051-24-3	Decachlorobiphenyl	65%		10-155%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

# **METALS**

## Report of Analysis

Client Sample ID:	FB121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-2	Date Received:	12/17/14
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Antimony	< 6.0	6.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Arsenic	< 3.0	3.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Barium	< 200	200	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Beryllium	< 1.0	1.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Cadmium	< 3.0	3.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Calcium	< 5000	5000	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Chromium	< 10	10	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Cobalt	< 50	50	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Copper	< 10	10	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Iron	< 100	100	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Lead	< 3.0	3.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Magnesium	< 5000	5000	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Manganese	< 15	15	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Mercury	< 0.20	0.20	ug/l	1	12/19/14	12/19/14 DP	SW846 7470A <sup>2</sup>	SW846 7470A <sup>4</sup>
Nickel	< 10	10	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Potassium	< 10000	10000	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Selenium	< 10	10	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Silver	< 10	10	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Sodium	< 10000	10000	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Thallium	< 2.0	2.0	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Vanadium	< 50	50	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>
Zinc	< 20	20	ug/l	1	12/18/14	12/19/14 BS	SW846 6010C <sup>1</sup>	SW846 3010A <sup>3</sup>

(1) Instrument QC Batch: MA35695

(2) Instrument QC Batch: MA35697

(3) Prep QC Batch: MP83976

(4) Prep QC Batch: MP84006

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-08(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-3	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.3
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5900 <span style="color:red">J</span>	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 <span style="color:red">J</span>	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	4.0	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	596 <span style="color:red">J</span>	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.30	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	0.65	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	26400	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	16.3	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.5	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	32.8	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	14200	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	306 <span style="color:red">J</span>	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	4460 <span style="color:red">J</span>	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	188 <span style="color:red">J</span>	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.78	0.034	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	13.0	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1290 <span style="color:red">J</span>	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	27.4	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	367 <span style="color:red">J</span>	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-08(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-4	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	83.1
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6510	62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.5	J 2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	4.8	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	2670	25	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.32	0.25	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	1.2	0.62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	58800	620	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	15.4	1.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	< 6.2	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	22.9	3.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	11600	62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	1250	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	5280	J 620	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	187	1.9	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.42	0.038	mg/kg	1	12/19/14	12/19/14	JW SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.2	5.0	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1740	1200	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.5	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	0.92	0.62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1200	1200	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.2	1.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	19.2	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	1020	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35694

(2) Instrument QC Batch: MA35696

(3) Prep QC Batch: MP83994

(4) Prep QC Batch: MP83996

RL = Reporting Limit



# Report of Analysis

<b>Client Sample ID:</b> ERM-SB-09(0-2')	<b>Date Sampled:</b> 12/17/14
<b>Lab Sample ID:</b> JB84478-5	<b>Date Received:</b> 12/17/14
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 93.1
<b>Project:</b> Mountco Construction Development, 1960 Webster Avenue, Bronx, NY	

4.5  
4

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3690 J	53	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.1 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	2.2	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	45.3 J	21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.25	0.21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.53	0.53	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	26600	530	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	12.5	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	5.7	5.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	27.5	2.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	12500	53	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	32.9 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	10800 J	530	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	114 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.033	0.033	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.5	4.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.53	0.53	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	35.6	5.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	37.0 J	5.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

- (1) Instrument QC Batch: MA35685
- (2) Instrument QC Batch: MA35700
- (3) Prep QC Batch: MP83973
- (4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	DUP121714	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-6	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.1
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4840 J	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.1 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	37.7 J	21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.27	0.21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	18800	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	12.9	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.9	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	37.8	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	13900	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	26.9 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	5370 J	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	116 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.041	0.036	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.4	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	37.3	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	33.0 J	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-09(6-8')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-8	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.4
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4330 J	55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	2.9	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	400 J	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	< 0.22	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	44300	550	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	14.3	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	< 5.5	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	12.0	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	7890	55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	120 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	1660 J	550	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	145 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.10	0.036	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	6.9	4.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	15.3	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	281 J	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-10(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-9	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	90.5
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6040 J	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	3.8	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	734 J	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.42	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	26800	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	15.3	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.6	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	24.9	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	15200	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	327 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7550 J	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	213 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.094	0.035	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.2	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1280 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	42.5	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	301 J	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-10(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-10	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	86.0
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4750	56	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.3 J	2.3	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	6.4	2.3	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	3170	23	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.50	0.23	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	1.5	0.56	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	42100	560	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	15.3	1.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	7.9	5.6	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	36.0	2.8	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	20800	56	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	942	2.3	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7560 J	560	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	422	1.7	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.53	0.039	mg/kg	1	12/19/14	12/19/14	JW SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	13.8	4.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.3	2.3	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	0.64	0.56	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	32.3	5.6	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	860	5.6	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35694

(2) Instrument QC Batch: MA35696

(3) Prep QC Batch: MP83994

(4) Prep QC Batch: MP83996

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-10(13-15)	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-11	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.2
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	9570 J	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.1 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	69.8 J	21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	< 0.21	0.21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	3460	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	67.7	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	9.8	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	49.8	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	20300	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	2.9 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7280 J	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	140 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.032	0.032	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	38.3	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1480 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	35.1	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	35.1 J	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-11(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-12	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.8
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4620	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	3.9	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	82.1	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.23	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	31700	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	12.3	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	< 5.4	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	16.4	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	9270	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	64.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	13000	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	145	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.11	0.035	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	9.2	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	22.6	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	68.8	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit



## Report of Analysis

Client Sample ID:	ERM-SB-11(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-13	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.3
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4630	54	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Arsenic	3.0	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Barium	312	22	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Beryllium	0.33	0.22	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Cadmium	0.62	0.54	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Calcium	17200	540	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Chromium	10.3	1.1	mg/kg	1	12/19/14	12/22/14	BS SW846 6010C <sup>3</sup>	SW846 3050B <sup>5</sup>
Cobalt	6.6	5.4	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Copper	29.6	2.7	mg/kg	1	12/19/14	12/22/14	BS SW846 6010C <sup>3</sup>	SW846 3050B <sup>5</sup>
Iron	15300	54	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Lead	143	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Magnesium	5950 J	540	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Manganese	143	1.6	mg/kg	1	12/19/14	12/22/14	BS SW846 6010C <sup>3</sup>	SW846 3050B <sup>5</sup>
Mercury	0.23	0.034	mg/kg	1	12/19/14	12/19/14	JW SW846 7471B <sup>1</sup>	SW846 7471B <sup>4</sup>
Nickel	11.4	4.3	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Potassium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Vanadium	24.5	5.4	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Zinc	169	5.4	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>

- (1) Instrument QC Batch: MA35694
- (2) Instrument QC Batch: MA35696
- (3) Instrument QC Batch: MA35711
- (4) Prep QC Batch: MP83994
- (5) Prep QC Batch: MP83996

RL = Reporting Limit



## Report of Analysis

Client Sample ID:	ERM-SB-11(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-14	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	89.6
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3880 J	56	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	23.4 J	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	< 0.22	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.56	0.56	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	1750	560	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	12.7	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	< 5.6	5.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	8.9	2.8	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	7920	56	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	2.7 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	2650 J	560	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	82.9 J	1.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.034	0.034	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	12.4	4.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.56	0.56	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	14.7	5.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	18.6 J	5.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-08(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-15	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.2
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	10500 J	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	168 J	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	< 0.22	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	4340	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	40.8	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	7.9	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	15.8	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	18700	54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	3.0 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7160 J	540	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	286 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.035	0.035	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	18.0	4.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	6170 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.54	0.54	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	42.5	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	58.1 J	5.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-12(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-16	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	88.6
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4300 J	55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	2.6	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	290 J	22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.33	0.22	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	18200	550	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	11.5	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.9	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	26.7	2.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	16300	55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	139 J	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7130 J	550	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	179 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.32	0.034	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.8	4.4	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100 J	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	33.5	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	200 J	5.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-12(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-17	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	78.5
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	7140	62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	4.2	J 2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	9.9	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	2170	25	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.35	0.25	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	3.1	0.62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	33000	620	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	55.3	1.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	8.0	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	148	3.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	19000	62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	4000	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	6450	J 620	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	328	1.9	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.69	0.039	mg/kg	1	12/19/14	12/19/14	JW SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	27.2	5.0	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1200	1200	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.5	2.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	1.3	0.62	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1200	1200	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.2	1.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	82.9	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	1550	6.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35694

(2) Instrument QC Batch: MA35696

(3) Prep QC Batch: MP83994

(4) Prep QC Batch: MP83996

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-13(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-18	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.0
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4320 J	52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.1 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	2.9	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	159 J	21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.29	0.21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.52	0.52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	26800	520	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	10.7	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	7.1	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	32.0	2.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	15200	52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	67.2 J	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	14700 J	520	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	324 J	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.14	0.032	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	15.8	4.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1000 J	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.52	0.52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1000	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.0	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	30.2	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	98.7 J	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-13(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-19	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	92.4
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	3470	55	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	53.2	22	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.30	0.22	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	12900	550	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	10.7	1.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	7.6	5.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	28.6	2.7	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	15100	55	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	34.2	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	7570	550	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	112	1.6	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.033	0.033	mg/kg	1	12/19/14	12/19/14	JW SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	11.9	4.4	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.2	2.2	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.55	0.55	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	31.1	5.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	51.5	5.5	mg/kg	1	12/19/14	12/19/14	ND SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35694

(2) Instrument QC Batch: MA35696

(3) Prep QC Batch: MP83994

(4) Prep QC Batch: MP83996

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-12(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-20	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	95.2
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6360 J	51	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.0 J	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.0	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	31.8 J	20	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	< 0.20	0.20	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.51	0.51	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	2940	510	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	18.5	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	< 5.1	5.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	21.0	2.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	9780	51	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	3.7 J	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	3050 J	510	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	83.2 J	1.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.035	0.035	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	12.1	4.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1280 J	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.0	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.51	0.51	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1000	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.0	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	20.7	5.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	25.9 J	5.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit



## Report of Analysis

Client Sample ID:	ERM-SB-13(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-21	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	93.4
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	8950 <sup>J</sup>	52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.1 <sup>J</sup>	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	61.9 <sup>J</sup>	21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.26	0.21	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.52	0.52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	3750	520	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	28.5	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.7	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	25.1	2.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	14800	52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	5.3 <sup>J</sup>	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	4340 <sup>J</sup>	520	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	128 <sup>J</sup>	1.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.034	0.034	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	16.4	4.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	2360 <sup>J</sup>	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.52	0.52	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1000	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.0	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	28.0	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	40.3 <sup>J</sup>	5.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-14(0-2')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-22	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	94.7
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	2970 J	50	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.0 J	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	< 2.0	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	22.7 J	20	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.41	0.20	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	< 0.50	0.50	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	5210	500	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	9.8	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	6.6	5.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	23.4	2.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	16100	50	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	14.1 J	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	3630 J	500	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	104 J	1.5	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	< 0.033	0.033	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	9.8	4.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	1070 J	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.0	2.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.50	0.50	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1000	1000	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.0	1.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	32.6	5.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	22.0 J	5.0	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-14(2-4')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-23	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	85.2
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5210 J	58	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Antimony	< 2.3 J	2.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Arsenic	5.6	2.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Barium	1960 J	23	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Beryllium	0.29	0.23	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cadmium	0.89	0.58	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Calcium	43100	580	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Chromium	16.7	1.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Cobalt	7.3	5.8	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Copper	30.4	2.9	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Iron	15700	58	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Lead	667 J	2.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Magnesium	8170 J	580	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Manganese	232 J	1.7	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Mercury	0.050	0.035	mg/kg	1	12/18/14	12/19/14 MA	SW846 7471B <sup>1</sup>	SW846 7471B <sup>3</sup>
Nickel	14.5	4.6	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Potassium	< 1200 J	1200	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Selenium	< 2.3	2.3	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Silver	< 0.58	0.58	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Sodium	< 1200	1200	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Thallium	< 1.2	1.2	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Vanadium	29.9	5.8	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>
Zinc	936 J	5.8	mg/kg	1	12/19/14	12/19/14 BS	SW846 6010C <sup>2</sup>	SW846 3050B <sup>4</sup>

(1) Instrument QC Batch: MA35685

(2) Instrument QC Batch: MA35700

(3) Prep QC Batch: MP83973

(4) Prep QC Batch: MP83978

RL = Reporting Limit

## Report of Analysis

Client Sample ID:	ERM-SB-14(13-15')	Date Sampled:	12/17/14
Lab Sample ID:	JB84478-24	Date Received:	12/17/14
Matrix:	SO - Soil	Percent Solids:	91.7
Project:	Mountco Construction Development, 1960 Webster Avenue, Bronx, NY		

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	11000	53	mg/kg	1	12/19/14	12/20/14 KF	SW846 6010C <sup>3</sup>	SW846 3050B <sup>5</sup>
Antimony	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Arsenic	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Barium	87.1	21	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Beryllium	< 0.21	0.21	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Cadmium	< 0.53	0.53	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Calcium	3330	530	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Chromium	41.4	1.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Cobalt	11.0	5.3	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Copper	22.6	2.7	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Iron	15600	53	mg/kg	1	12/19/14	12/20/14 KF	SW846 6010C <sup>3</sup>	SW846 3050B <sup>5</sup>
Lead	4.1	2.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Magnesium	9050	530	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Manganese	158	1.6	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Mercury	< 0.036	0.036	mg/kg	1	12/19/14	12/19/14 JW	SW846 7471B <sup>1</sup>	SW846 7471B <sup>4</sup>
Nickel	30.2	4.3	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Potassium	1910	1100	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Selenium	< 2.1	2.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Silver	< 0.53	0.53	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Sodium	< 1100	1100	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Thallium	< 1.1	1.1	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Vanadium	37.4	5.3	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>
Zinc	53.0	5.3	mg/kg	1	12/19/14	12/19/14 ND	SW846 6010C <sup>2</sup>	SW846 3050B <sup>5</sup>

- (1) Instrument QC Batch: MA35694
- (2) Instrument QC Batch: MA35696
- (3) Instrument QC Batch: MA35703
- (4) Prep QC Batch: MP83994
- (5) Prep QC Batch: MP83996

RL = Reporting Limit