

APPENDIX D

Confirmatory Sampling Report



August 3, 2016

Ms. Kwangsuk Lee
840 E. 233rd Street
Bronx, NY 10466

**Re: Dry Cleaner at 840 E 233rd Street, Bronx, NY
Confirmatory Sampling**

Dear Ms. Lee,

Clean Globe Environmental LLC (CGE) has prepared this letter report to summarize the results of the confirmatory soil and water sampling at two locations at the above referenced site. CGE utilized a model 6610 DT Geoprobe to collect the samples. All work was completed by professionals that have received proper OSHA training. The work included the following services:

Scope of Work

- CGE contacted NY Dig Safe to conduct public utility markouts. Additionally, hand tools were utilized to Pre-clear the locations to a depth of 5-ft below grade.
- Continuous soil samples were collected via dual tube procedure to the depth of bedrock.
- Groundwater samples were collected from two boring locations at the top 3-4' of the water table. Groundwater was encountered between 7-8 feet below grade.
- At the completion, the borings were restored to grade and repaired with asphalt patch.

Results

One boring, UST (7-9) Grab Soil, was conducted to document the conditions in the vicinity of the underground storage tank area. The results from the soil sample had only one volatile organic compound, Xylene, which exceeded the CP-51 Cleanup Levels, however, the concentration is well below the Unrestricted Residential Soil Standard. None of the semi-volatile compounds exceeded the cleanup levels or standards.

The groundwater sample, UST GW Grab Groundwater, from the underground storage tank area had one exceedance of volatile organics, Ethylbenzene, and four semi-volatile compounds that exceeded groundwater standards including Fluorene, 2-Methylnaphthalene, Naphthalene, and Phenanthrene.

One boring was conducted to document the conditions at the property line to the West. The soil boring, SB-8 (7-9) Grab Soil, had detections in three compounds that exceeded the Unrestricted Residential Soil Standards including cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.

The groundwater sample, TW2 Grab Groundwater, from the West had ___ compounds that exceeded groundwater standards including cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.

The laboratory report with sample results is attached.

If you have any questions regarding this cost estimate, please do not hesitate to contact me at (631) 338-4170 or email at afiorentine@cg-env.com.

Sincerely,

Clean Globe Environmental LLC

A handwritten signature in black ink that reads "Anthony Fiorentine". The script is cursive and fluid.

Anthony M. Fiorentine
Principal

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Clean Globe Env.
PO Box 446
Kings Park NY 11754-0446

Report Date: August 02, 2016

Project: 840 E. 233rd, Bronx, NY

Submittal Date: 07/22/2016

Group Number: 1686686

PO Number: BRONX

State of Sample Origin: NY

Client Sample Description

UST (7-9) Grab Soil

UST GW Grab Groundwater

SB-8 (7-9) Grab Soil

TW2 Grab Groundwater

Lancaster Labs

(LL) #

8491429

8491430

8491431

8491432

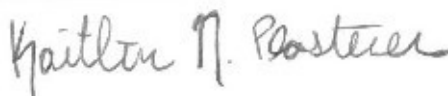
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

Electronic Copy To Clean Globe Env.

Attn: Tony Fiorentine

Respectfully Submitted,

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Sample Description: **UST (7-9) Grab Soil**
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491429
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 09:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation*	As Received Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/kg	ug/kg	ug/kg	
11995	Acetone	67-64-1	< 1,500	1,500	540	76.8
11995	Benzene	71-43-2	< 380	380	38	76.8
11995	Bromodichloromethane	75-27-4	< 380	380	77	76.8
11995	Bromoform	75-25-2	< 380	380	77	76.8
11995	Bromomethane	74-83-9	< 380	380	150	76.8
11995	2-Butanone	78-93-3	< 770	770	310	76.8
11995	Carbon Disulfide	75-15-0	< 380	380	77	76.8
11995	Carbon Tetrachloride	56-23-5	< 380	380	77	76.8
11995	Chlorobenzene	108-90-7	< 380	380	77	76.8
11995	Chloroethane	75-00-3	< 380	380	150	76.8
11995	Chloroform	67-66-3	< 380	380	77	76.8
11995	Chloromethane	74-87-3	< 380	380	150	76.8
11995	Cyclohexane	110-82-7	< 380	380	77	76.8
11995	1,2-Dibromo-3-chloropropane	96-12-8	< 380	380	150	76.8
11995	Dibromochloromethane	124-48-1	< 380	380	77	76.8
11995	1,2-Dibromoethane	106-93-4	< 380	380	77	76.8
11995	1,2-Dichlorobenzene	95-50-1	< 380	380	77	76.8
11995	1,3-Dichlorobenzene	541-73-1	< 380	380	77	76.8
11995	1,4-Dichlorobenzene	106-46-7	< 380	380	77	76.8
11995	Dichlorodifluoromethane	75-71-8	< 380	380	150	76.8
11995	1,1-Dichloroethane	75-34-3	< 380	380	77	76.8
11995	1,2-Dichloroethane	107-06-2	< 380	380	77	76.8
11995	1,1-Dichloroethene	75-35-4	< 380	380	77	76.8
11995	cis-1,2-Dichloroethene	156-59-2	< 380	380	77	76.8
11995	trans-1,2-Dichloroethene	156-60-5	< 380	380	77	76.8
11995	1,2-Dichloropropane	78-87-5	< 380	380	77	76.8
11995	cis-1,3-Dichloropropene	10061-01-5	< 380	380	77	76.8
11995	trans-1,3-Dichloropropene	10061-02-6	< 380	380	77	76.8
11995	Ethylbenzene	100-41-4	650	380	77	76.8
11995	Freon 113	76-13-1	< 770	770	150	76.8
11995	2-Hexanone	591-78-6	< 770	770	230	76.8
11995	Isopropylbenzene	98-82-8	610	380	77	76.8
11995	Methyl Acetate	79-20-9	< 380	380	150	76.8
11995	Methyl Tertiary Butyl Ether	1634-04-4	< 380	380	38	76.8
11995	4-Methyl-2-pentanone	108-10-1	< 770	770	230	76.8
11995	Methylcyclohexane	108-87-2	1,700	380	77	76.8
11995	Methylene Chloride	75-09-2	< 380	380	150	76.8
11995	Styrene	100-42-5	< 380	380	77	76.8
11995	1,1,2,2-Tetrachloroethane	79-34-5	< 380	380	77	76.8
11995	Tetrachloroethene	127-18-4	< 380	380	77	76.8
11995	Toluene	108-88-3	< 380	380	77	76.8
11995	1,2,4-Trichlorobenzene	120-82-1	< 380	380	77	76.8
11995	1,1,1-Trichloroethane	71-55-6	< 380	380	77	76.8
11995	1,1,2-Trichloroethane	79-00-5	< 380	380	77	76.8
11995	Trichloroethene	79-01-6	< 380	380	77	76.8
11995	Trichlorofluoromethane	75-69-4	< 380	380	150	76.8
11995	Vinyl Chloride	75-01-4	< 380	380	77	76.8
11995	Xylene (Total)	1330-20-7	870	380	77	76.8

A Method Detection Limit (MDL) standard is analyzed to confirm sensitivity of the instrument for samples with non-detect analytes associated with a

*=This limit was used in the evaluation of the final result

Sample Description: UST (7-9) Grab Soil
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491429
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 09:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation*	As Received Method Detection Limit	Dilution Factor
continuing calibration verification standard exhibiting low response (outside the 20%D criteria). The MDL standard shows adequate sensitivity at or below the reporting limit.						
Reporting limits were raised due to interference from the sample matrix.						
GC/MS	Semivolatiles	SW-846 8270D	ug/kg	ug/kg	ug/kg	
10726	Acenaphthene	83-32-9	42	17	3	1
10726	Acenaphthylene	208-96-8	53	17	3	1
10726	Acetophenone	98-86-2	< 33	33	17	1
10726	Anthracene	120-12-7	51	17	3	1
10726	Atrazine	1912-24-9	< 170	170	33	1
10726	Benzaldehyde	100-52-7	< 170	170	66	1
10726	Benzo(a)anthracene	56-55-3	120	17	3	1
10726	Benzo(a)pyrene	50-32-8	140	17	3	1
10726	Benzo(b)fluoranthene	205-99-2	180	17	3	1
10726	Benzo(g,h,i)perylene	191-24-2	120	17	3	1
10726	Benzo(k)fluoranthene	207-08-9	85	17	3	1
10726	1,1'-Biphenyl	92-52-4	170	33	17	1
10726	4-Bromophenyl-phenylether	101-55-3	< 33	33	17	1
10726	Butylbenzylphthalate	85-68-7	< 170	170	66	1
10726	Di-n-butylphthalate	84-74-2	< 170	170	66	1
10726	Caprolactam	105-60-2	< 170	170	33	1
10726	Carbazole	86-74-8	< 33	33	17	1
10726	4-Chloro-3-methylphenol	59-50-7	< 33	33	17	1
10726	4-Chloroaniline	106-47-8	< 66	66	33	1
10726	bis(2-Chloroethoxy)methane	111-91-1	< 33	33	17	1
10726	bis(2-Chloroethyl)ether	111-44-4	< 33	33	17	1
10726	2-Chloronaphthalene	91-58-7	< 33	33	7	1
10726	2-Chlorophenol	95-57-8	< 33	33	17	1
10726	4-Chlorophenyl-phenylether	7005-72-3	< 33	33	17	1
10726	2,2'-oxybis(1-Chloropropane)	108-60-1	< 33	33	17	1
Bis(2-chloroisopropyl) ether CAS #39638-32-9 and 2,2'-Oxybis(1-chloropropane) CAS #108-60-1 cannot be separated chromatographically. The reported result represents the combined total of both compounds.						
10726	Chrysene	218-01-9	130	17	3	1
10726	Dibenz(a,h)anthracene	53-70-3	29	17	3	1
10726	Dibenzofuran	132-64-9	37	33	17	1
10726	3,3'-Dichlorobenzidine	91-94-1	< 330	330	100	1
10726	2,4-Dichlorophenol	120-83-2	< 33	33	17	1
10726	Diethylphthalate	84-66-2	< 170	170	66	1
10726	2,4-Dimethylphenol	105-67-9	< 33	33	17	1
10726	Dimethylphthalate	131-11-3	< 170	170	66	1
10726	4,6-Dinitro-2-methylphenol	534-52-1	< 500	500	170	1
10726	2,4-Dinitrophenol	51-28-5	< 1,000	1,000	300	1
10726	2,4-Dinitrotoluene	121-14-2	< 170	170	66	1
10726	2,6-Dinitrotoluene	606-20-2	< 33	33	17	1
10726	bis(2-Ethylhexyl)phthalate	117-81-7	< 170	170	66	1
10726	Fluoranthene	206-44-0	190	17	3	1
10726	Fluorene	86-73-7	82	17	3	1
10726	Hexachlorobenzene	118-74-1	< 17	17	3	1

*=This limit was used in the evaluation of the final result

Sample Description: UST (7-9) Grab Soil
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491429
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 09:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation*	As Received Method Detection Limit	Dilution Factor
GC/MS	Semivolatiles	SW-846 8270D	ug/kg	ug/kg	ug/kg	
10726	Hexachlorobutadiene	87-68-3	< 33	33	17	1
10726	Hexachlorocyclopentadiene	77-47-4	< 500	500	170	1
10726	Hexachloroethane	67-72-1	< 170	170	33	1
10726	Indeno(1,2,3-cd)pyrene	193-39-5	92	17	3	1
10726	Isophorone	78-59-1	< 33	33	17	1
10726	2-Methylnaphthalene	91-57-6	240	17	3	1
10726	2-Methylphenol	95-48-7	< 33	33	17	1
10726	4-Methylphenol	106-44-5	< 33	33	17	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
10726	Naphthalene	91-20-3	140	17	3	1
10726	2-Nitroaniline	88-74-4	< 33	33	17	1
10726	3-Nitroaniline	99-09-2	< 170	170	66	1
10726	4-Nitroaniline	100-01-6	< 170	170	66	1
10726	Nitrobenzene	98-95-3	< 33	33	17	1
10726	2-Nitrophenol	88-75-5	< 33	33	17	1
10726	4-Nitrophenol	100-02-7	< 500	500	170	1
10726	N-Nitroso-di-n-propylamine	621-64-7	< 33	33	17	1
10726	N-Nitrosodiphenylamine	86-30-6	< 33	33	17	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
10726	Di-n-octylphthalate	117-84-0	< 170	170	66	1
10726	Pentachlorophenol	87-86-5	< 170	170	33	1
10726	Phenanthrene	85-01-8	180	17	3	1
10726	Phenol	108-95-2	< 33	33	17	1
10726	Pyrene	129-00-0	210	17	3	1
10726	2,4,5-Trichlorophenol	95-95-4	< 33	33	17	1
10726	2,4,6-Trichlorophenol	88-06-2	< 33	33	17	1
Wet Chemistry	SM 2540 G-1997	%	%	%		
00111	Moisture	n.a.	8.7	0.50	0.50	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.					

*=This limit was used in the evaluation of the final result

Sample Description: UST (7-9) Grab Soil
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491429
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 09:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-1

Sample Comments

State of New York Certification No. 10670

Eurofins Lancaster Laboratories Environmental, LLC is responsible only for the certified testing of samples. We are not directly responsible for the integrity of the sample prior to laboratory receipt. Any reported concentrations less than 200 ug/kg may be biased low if they were not collected according to EPA 5035/5035A specifications.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11995	8260C TCL 4.3 VOCs	SW-846 8260C	1	R162101AA	07/28/2016 15:00	Anita M Dale	76.8
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201620841985	07/20/2016 09:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201620841985	07/20/2016 09:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201620841985	07/20/2016 09:00	Client Supplied	1
10726	TCL 4.3 8270D (microwave)	SW-846 8270D	1	16211SLB026	08/02/2016 10:28	Linda M Hartenstine	1
10813	BNA Soil Microwave APP IX	SW-846 3546	1	16211SLB026	07/29/2016 18:40	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	16209820003A	07/27/2016 10:35	Larry E Bevins	1

*=This limit was used in the evaluation of the final result

Sample Description: **UST GW Grab Groundwater**
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # WW 8491430
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 10:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation*	Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
11997	Acetone	67-64-1	< 200	200	60	10
11997	Benzene	71-43-2	< 10	10	5	10
11997	Bromodichloromethane	75-27-4	< 10	10	5	10
11997	Bromoform	75-25-2	< 40	40	5	10
11997	Bromomethane	74-83-9	< 10	10	5	10
11997	2-Butanone	78-93-3	< 100	100	30	10
11997	Carbon Disulfide	75-15-0	< 50	50	10	10
11997	Carbon Tetrachloride	56-23-5	< 10	10	5	10
11997	Chlorobenzene	108-90-7	< 10	10	5	10
11997	Chloroethane	75-00-3	< 10	10	5	10
11997	Chloroform	67-66-3	< 10	10	5	10
11997	Chloromethane	74-87-3	< 10	10	5	10
11997	Cyclohexane	110-82-7	< 50	50	20	10
11997	1,2-Dibromo-3-chloropropane	96-12-8	< 50	50	20	10
11997	Dibromochloromethane	124-48-1	< 10	10	5	10
11997	1,2-Dibromoethane	106-93-4	< 10	10	5	10
11997	1,2-Dichlorobenzene	95-50-1	< 50	50	10	10
11997	1,3-Dichlorobenzene	541-73-1	< 50	50	10	10
11997	1,4-Dichlorobenzene	106-46-7	< 50	50	10	10
11997	Dichlorodifluoromethane	75-71-8	< 10	10	5	10
11997	1,1-Dichloroethane	75-34-3	< 10	10	5	10
11997	1,2-Dichloroethane	107-06-2	< 10	10	5	10
11997	1,1-Dichloroethene	75-35-4	< 10	10	5	10
11997	cis-1,2-Dichloroethene	156-59-2	< 10	10	5	10
11997	trans-1,2-Dichloroethene	156-60-5	< 10	10	5	10
11997	1,2-Dichloropropane	78-87-5	< 10	10	5	10
11997	cis-1,3-Dichloropropene	10061-01-5	< 10	10	5	10
11997	trans-1,3-Dichloropropene	10061-02-6	< 10	10	5	10
11997	Ethylbenzene	100-41-4	11	10	5	10
11997	Freon 113	76-13-1	< 100	100	20	10
11997	2-Hexanone	591-78-6	< 100	100	30	10
11997	Isopropylbenzene	98-82-8	< 50	50	10	10
11997	Methyl Acetate	79-20-9	< 50	50	10	10
11997	Methyl Tertiary Butyl Ether	1634-04-4	< 10	10	5	10
11997	4-Methyl-2-pentanone	108-10-1	< 100	100	30	10
11997	Methylcyclohexane	108-87-2	< 50	50	10	10
11997	Methylene Chloride	75-09-2	< 40	40	20	10
11997	Styrene	100-42-5	< 50	50	10	10
11997	1,1,2,2-Tetrachloroethane	79-34-5	< 10	10	5	10
11997	Tetrachloroethene	127-18-4	< 10	10	5	10
11997	Toluene	108-88-3	< 10	10	5	10
11997	1,2,4-Trichlorobenzene	120-82-1	< 50	50	10	10
11997	1,1,1-Trichloroethane	71-55-6	< 10	10	5	10
11997	1,1,2-Trichloroethane	79-00-5	< 10	10	5	10
11997	Trichloroethene	79-01-6	< 10	10	5	10
11997	Trichlorofluoromethane	75-69-4	< 10	10	5	10
11997	Vinyl Chloride	75-01-4	< 10	10	5	10
11997	Xylene (Total)	1330-20-7	< 10	10	5	10

Reporting limits were raised due to interference from the sample matrix.

*=This limit was used in the evaluation of the final result

Sample Description: UST GW Grab Groundwater
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # WW 8491430
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 10:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation*	Method Detection Limit	Dilution Factor
GC/MS	Semivolatiles	SW-846 8270D	ug/l	ug/l	ug/l	
10461	Acenaphthene	83-32-9	< 0.5	0.5	0.1	1
10461	Acenaphthylene	208-96-8	< 0.5	0.5	0.1	1
10461	Acetophenone	98-86-2	< 1	1	0.5	1
10461	Anthracene	120-12-7	25	0.5	0.1	1
10461	Atrazine	1912-24-9	< 5	5	2	1
10461	Benzaldehyde	100-52-7	< 5	5	1	1
10461	Benzo(a)anthracene	56-55-3	3	0.5	0.1	1
10461	Benzo(a)pyrene	50-32-8	< 0.5	0.5	0.1	1
10461	Benzo(b)fluoranthene	205-99-2	< 0.5	0.5	0.1	1
10461	Benzo(g,h,i)perylene	191-24-2	< 0.5	0.5	0.1	1
10461	Benzo(k)fluoranthene	207-08-9	< 0.5	0.5	0.1	1
10461	1,1'-Biphenyl	92-52-4	82	1	0.5	1
10461	4-Bromophenyl-phenylether	101-55-3	< 1	1	0.5	1
10461	Butylbenzylphthalate	85-68-7	< 5	5	2	1
10461	Di-n-butylphthalate	84-74-2	< 5	5	2	1
10461	Caprolactam	105-60-2	< 16	16	5	1
10461	Carbazole	86-74-8	20	1	0.5	1
10461	4-Chloro-3-methylphenol	59-50-7	< 1	1	0.5	1
10461	4-Chloroaniline	106-47-8	< 4	4	2	1
10461	bis(2-Chloroethoxy)methane	111-91-1	< 1	1	0.5	1
10461	bis(2-Chloroethyl)ether	111-44-4	< 1	1	0.5	1
10461	2-Chloronaphthalene	91-58-7	< 1	1	0.4	1
10461	2-Chlorophenol	95-57-8	< 1	1	0.5	1
10461	4-Chlorophenyl-phenylether	7005-72-3	< 1	1	0.5	1
10461	2,2'-oxybis(1-Chloropropane)	108-60-1	< 1	1	0.5	1
Bis(2-chloroisopropyl) ether CAS #39638-32-9 and 2,2'-Oxybis(1-chloropropane) CAS #108-60-1 cannot be separated chromatographically. The reported result represents the combined total of both compounds.						
10461	Chrysene	218-01-9	3	0.5	0.1	1
10461	Dibenz(a,h)anthracene	53-70-3	< 0.5	0.5	0.1	1
10461	Dibenzofuran	132-64-9	47	1	0.5	1
10461	3,3'-Dichlorobenzidine	91-94-1	< 5	5	2	1
10461	2,4-Dichlorophenol	120-83-2	< 1	1	0.5	1
10461	Diethylphthalate	84-66-2	< 5	5	2	1
10461	2,4-Dimethylphenol	105-67-9	< 1	1	0.5	1
10461	Dimethylphthalate	131-11-3	< 5	5	2	1
10461	4,6-Dinitro-2-methylphenol	534-52-1	< 16	16	5	1
10461	2,4-Dinitrophenol	51-28-5	< 32	32	11	1
10461	2,4-Dinitrotoluene	121-14-2	< 5	5	1	1
10461	2,6-Dinitrotoluene	606-20-2	< 1	1	0.5	1
10461	bis(2-Ethylhexyl)phthalate	117-81-7	10	5	2	1
10461	Fluoranthene	206-44-0	13	0.5	0.1	1
10461	Fluorene	86-73-7	210	11	2	20
10461	Hexachlorobenzene	118-74-1	< 0.5	0.5	0.1	1
10461	Hexachlorobutadiene	87-68-3	< 1	1	0.5	1
10461	Hexachlorocyclopentadiene	77-47-4	< 16	16	5	1
10461	Hexachloroethane	67-72-1	< 5	5	1	1
10461	Indeno(1,2,3-cd)pyrene	193-39-5	< 0.5	0.5	0.1	1
10461	Isophorone	78-59-1	< 1	1	0.5	1

*=This limit was used in the evaluation of the final result

Sample Description: UST GW Grab Groundwater
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # WW 8491430
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 10:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation*	Method Detection Limit	Dilution Factor
GC/MS	Semivolatiles	SW-846 8270D	ug/l	ug/l	ug/l	
10461	2-Methylnaphthalene	91-57-6	1,600	11	2	20
10461	2-Methylphenol	95-48-7	< 1	1	0.5	1
10461	4-Methylphenol	106-44-5	< 1	1	0.5	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
10461	Naphthalene	91-20-3	210	11	2	20
10461	2-Nitroaniline	88-74-4	< 1	1	0.5	1
10461	3-Nitroaniline	99-09-2	< 1	1	0.5	1
10461	4-Nitroaniline	100-01-6	< 1	1	0.5	1
10461	Nitrobenzene	98-95-3	< 1	1	0.5	1
10461	2-Nitrophenol	88-75-5	< 1	1	0.5	1
10461	4-Nitrophenol	100-02-7	< 32	32	11	1
10461	N-Nitroso-di-n-propylamine	621-64-7	< 1	1	0.5	1
10461	N-Nitrosodiphenylamine	86-30-6	< 1	1	0.5	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
10461	Di-n-octylphthalate	117-84-0	< 5	5	2	1
10461	Pentachlorophenol	87-86-5	< 5	5	1	1
10461	Phenanthrene	85-01-8	440	11	2	20
10461	Phenol	108-95-2	< 1	1	0.5	1
10461	Pyrene	129-00-0	44	0.5	0.1	1
10461	2,4,5-Trichlorophenol	95-95-4	< 1	1	0.5	1
10461	2,4,6-Trichlorophenol	88-06-2	< 1	1	0.5	1
The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. Sufficient sample was not available to repeat the analysis.						

Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs TCL (4.3) 8260C	SW-846 8260C	1	L162082AA	07/26/2016 18:39	Brett W Kenyon	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L162082AA	07/26/2016 18:39	Brett W Kenyon	10
10461	SVOAs by 8270D in Water	SW-846 8270D	1	16208WAZ026	07/28/2016 01:18	Edward Monborne	1
10461	SVOAs by 8270D in Water	SW-846 8270D	1	16208WAZ026	07/29/2016 10:53	Edward Monborne	20
11010	8270D BNA Extraction	SW-846 3510C	1	16208WAZ026	07/26/2016 17:00	Ryan A Schafran	1

*=This limit was used in the evaluation of the final result

Sample Description: SB-8 (7-9) Grab Soil
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491431
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 11:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation*	As Received Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/kg	ug/kg	ug/kg	
11995	Acetone	67-64-1	< 680	680	240	34.11
11995	Benzene	71-43-2	< 170	170	17	34.11
11995	Bromodichloromethane	75-27-4	< 170	170	34	34.11
11995	Bromoform	75-25-2	< 170	170	34	34.11
11995	Bromomethane	74-83-9	< 170	170	68	34.11
11995	2-Butanone	78-93-3	< 340	340	140	34.11
11995	Carbon Disulfide	75-15-0	< 170	170	34	34.11
11995	Carbon Tetrachloride	56-23-5	< 170	170	34	34.11
11995	Chlorobenzene	108-90-7	< 170	170	34	34.11
11995	Chloroethane	75-00-3	< 170	170	68	34.11
11995	Chloroform	67-66-3	< 170	170	34	34.11
11995	Chloromethane	74-87-3	< 170	170	68	34.11
11995	Cyclohexane	110-82-7	< 170	170	34	34.11
11995	1,2-Dibromo-3-chloropropane	96-12-8	< 170	170	68	34.11
11995	Dibromochloromethane	124-48-1	< 170	170	34	34.11
11995	1,2-Dibromoethane	106-93-4	< 170	170	34	34.11
11995	1,2-Dichlorobenzene	95-50-1	< 170	170	34	34.11
11995	1,3-Dichlorobenzene	541-73-1	< 170	170	34	34.11
11995	1,4-Dichlorobenzene	106-46-7	< 170	170	34	34.11
11995	Dichlorodifluoromethane	75-71-8	< 170	170	68	34.11
11995	1,1-Dichloroethane	75-34-3	< 170	170	34	34.11
11995	1,2-Dichloroethane	107-06-2	< 170	170	34	34.11
11995	1,1-Dichloroethene	75-35-4	< 170	170	34	34.11
11995	cis-1,2-Dichloroethene	156-59-2	5,600	170	34	34.11
11995	trans-1,2-Dichloroethene	156-60-5	< 170	170	34	34.11
11995	1,2-Dichloropropane	78-87-5	< 170	170	34	34.11
11995	cis-1,3-Dichloropropene	10061-01-5	< 170	170	34	34.11
11995	trans-1,3-Dichloropropene	10061-02-6	< 170	170	34	34.11
11995	Ethylbenzene	100-41-4	< 170	170	34	34.11
11995	Freon 113	76-13-1	< 340	340	68	34.11
11995	2-Hexanone	591-78-6	< 340	340	100	34.11
11995	Isopropylbenzene	98-82-8	< 170	170	34	34.11
11995	Methyl Acetate	79-20-9	< 170	170	68	34.11
11995	Methyl Tertiary Butyl Ether	1634-04-4	< 170	170	17	34.11
11995	4-Methyl-2-pentanone	108-10-1	< 340	340	100	34.11
11995	Methylcyclohexane	108-87-2	< 170	170	34	34.11
11995	Methylene Chloride	75-09-2	< 170	170	68	34.11
11995	Styrene	100-42-5	< 170	170	34	34.11
11995	1,1,2,2-Tetrachloroethane	79-34-5	< 170	170	34	34.11
11995	Tetrachloroethene	127-18-4	1,600	170	34	34.11
11995	Toluene	108-88-3	< 170	170	34	34.11
11995	1,2,4-Trichlorobenzene	120-82-1	< 170	170	34	34.11
11995	1,1,1-Trichloroethane	71-55-6	< 170	170	34	34.11
11995	1,1,2-Trichloroethane	79-00-5	< 170	170	34	34.11
11995	Trichloroethene	79-01-6	1,500	170	34	34.11
11995	Trichlorofluoromethane	75-69-4	< 170	170	68	34.11
11995	Vinyl Chloride	75-01-4	310	170	34	34.11
11995	Xylene (Total)	1330-20-7	< 170	170	34	34.11

A Method Detection Limit (MDL) standard is analyzed to confirm sensitivity of the instrument for samples with non-detect analytes associated with a

*=This limit was used in the evaluation of the final result

Sample Description: SB-8 (7-9) Grab Soil
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # SW 8491431
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 11:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation*	As Received Method Detection Limit	Dilution Factor
	continuing calibration verification standard exhibiting low response (outside the 20%D criteria). The MDL standard shows adequate sensitivity at or below the reporting limit.					
Wet Chemistry	SM 2540 G-1997		%	%	%	
00111	Moisture	n.a.	9.5	0.50	0.50	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.					

Sample Comments

State of New York Certification No. 10670

Eurofins Lancaster Laboratories Environmental, LLC is responsible only for the certified testing of samples. We are not directly responsible for the integrity of the sample prior to laboratory receipt. Any reported concentrations less than 200 ug/kg may be biased low if they were not collected according to EPA 5035/5035A specifications.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11995	8260C TCL 4.3 VOCs	SW-846 8260C	1	R162091AA	07/27/2016 14:01	Anita M Dale	34.11
07579	GC/MS-5g Field Preserv.MeOH-NC	SW-846 5035A	1	201620841985	07/20/2016 11:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	1	201620841985	07/20/2016 11:00	Client Supplied	1
02392	L/H Field Preserved Bisulfate	SW-846 5035A	2	201620841985	07/20/2016 11:00	Client Supplied	1
00111	Moisture	SM 2540 G-1997	1	16209820003A	07/27/2016 10:35	Larry E Bevins	1

*=This limit was used in the evaluation of the final result

Sample Description: TW2 Grab Groundwater
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # WW 8491432
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 12:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-4

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation*	Method Detection Limit	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
11997	Acetone	67-64-1	27	20	6	1
11997	Benzene	71-43-2	< 1	1	0.5	1
11997	Bromodichloromethane	75-27-4	< 1	1	0.5	1
11997	Bromoform	75-25-2	< 4	4	0.5	1
11997	Bromomethane	74-83-9	< 1	1	0.5	1
11997	2-Butanone	78-93-3	< 10	10	3	1
11997	Carbon Disulfide	75-15-0	< 5	5	1	1
11997	Carbon Tetrachloride	56-23-5	< 1	1	0.5	1
11997	Chlorobenzene	108-90-7	< 1	1	0.5	1
11997	Chloroethane	75-00-3	< 1	1	0.5	1
11997	Chloroform	67-66-3	< 1	1	0.5	1
11997	Chloromethane	74-87-3	< 1	1	0.5	1
11997	Cyclohexane	110-82-7	< 5	5	2	1
11997	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	2	1
11997	Dibromochloromethane	124-48-1	< 1	1	0.5	1
11997	1,2-Dibromoethane	106-93-4	< 1	1	0.5	1
11997	1,2-Dichlorobenzene	95-50-1	< 5	5	1	1
11997	1,3-Dichlorobenzene	541-73-1	< 5	5	1	1
11997	1,4-Dichlorobenzene	106-46-7	< 5	5	1	1
11997	Dichlorodifluoromethane	75-71-8	< 1	1	0.5	1
11997	1,1-Dichloroethane	75-34-3	< 1	1	0.5	1
11997	1,2-Dichloroethane	107-06-2	< 1	1	0.5	1
11997	1,1-Dichloroethene	75-35-4	< 1	1	0.5	1
11997	cis-1,2-Dichloroethene	156-59-2	170	1	0.5	1
11997	trans-1,2-Dichloroethene	156-60-5	< 1	1	0.5	1
11997	1,2-Dichloropropane	78-87-5	< 1	1	0.5	1
11997	cis-1,3-Dichloropropene	10061-01-5	< 1	1	0.5	1
11997	trans-1,3-Dichloropropene	10061-02-6	< 1	1	0.5	1
11997	Ethylbenzene	100-41-4	< 1	1	0.5	1
11997	Freon 113	76-13-1	< 10	10	2	1
11997	2-Hexanone	591-78-6	< 10	10	3	1
11997	Isopropylbenzene	98-82-8	< 5	5	1	1
11997	Methyl Acetate	79-20-9	< 5	5	1	1
11997	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	0.5	1
11997	4-Methyl-2-pentanone	108-10-1	< 10	10	3	1
11997	Methylcyclohexane	108-87-2	< 5	5	1	1
11997	Methylene Chloride	75-09-2	< 4	4	2	1
11997	Styrene	100-42-5	< 5	5	1	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	0.5	1
11997	Tetrachloroethene	127-18-4	100	1	0.5	1
11997	Toluene	108-88-3	1	1	0.5	1
11997	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1	1
11997	1,1,1-Trichloroethane	71-55-6	< 1	1	0.5	1
11997	1,1,2-Trichloroethane	79-00-5	< 1	1	0.5	1
11997	Trichloroethene	79-01-6	86	1	0.5	1
11997	Trichlorofluoromethane	75-69-4	< 1	1	0.5	1
11997	Vinyl Chloride	75-01-4	21	1	0.5	1
11997	Xylene (Total)	1330-20-7	< 1	1	0.5	1

*=This limit was used in the evaluation of the final result

Sample Description: TW2 Grab Groundwater
840 E. 233rd - Bronx, NY
COC: 504471

LL Sample # WW 8491432
LL Group # 1686686
Account # 19919

Project Name: 840 E. 233rd, Bronx, NY

Collected: 07/20/2016 12:00 by CC

Clean Globe Env.

Submitted: 07/22/2016 09:30

PO Box 446

Reported: 08/02/2016 13:03

Kings Park NY 11754-0446

840-4

Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs TCL (4.3) 8260C	SW-846 8260C	1	L162082AA	07/26/2016 19:01	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L162082AA	07/26/2016 19:01	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ**	MDL
	ug/kg	ug/kg	ug/kg
Batch number: R162091AA	Sample number(s): 8491431		
Acetone	< 1,000	1,000	350
Benzene	< 250	250	25
Bromodichloromethane	< 250	250	50
Bromoform	< 250	250	50
Bromomethane	< 250	250	100
2-Butanone	< 500	500	200
Carbon Disulfide	< 250	250	50
Carbon Tetrachloride	< 250	250	50
Chlorobenzene	< 250	250	50
Chloroethane	< 250	250	100
Chloroform	< 250	250	50
Chloromethane	< 250	250	100
Cyclohexane	< 250	250	50
1,2-Dibromo-3-chloropropane	< 250	250	100
Dibromochloromethane	< 250	250	50
1,2-Dibromoethane	< 250	250	50
1,2-Dichlorobenzene	< 250	250	50
1,3-Dichlorobenzene	< 250	250	50
1,4-Dichlorobenzene	< 250	250	50
Dichlorodifluoromethane	< 250	250	100
1,1-Dichloroethane	< 250	250	50
1,2-Dichloroethane	< 250	250	50
1,1-Dichloroethene	< 250	250	50
cis-1,2-Dichloroethene	< 250	250	50
trans-1,2-Dichloroethene	< 250	250	50
1,2-Dichloropropane	< 250	250	50
cis-1,3-Dichloropropene	< 250	250	50
trans-1,3-Dichloropropene	< 250	250	50
Ethylbenzene	< 250	250	50
Freon 113	< 500	500	100
2-Hexanone	< 500	500	150
Isopropylbenzene	< 250	250	50
Methyl Acetate	< 250	250	100
Methyl Tertiary Butyl Ether	< 250	250	25
4-Methyl-2-pentanone	< 500	500	150
Methylcyclohexane	< 250	250	50
Methylene Chloride	< 250	250	100
Styrene	< 250	250	50
1,1,2,2-Tetrachloroethane	< 250	250	50
Tetrachloroethene	< 250	250	50
Toluene	< 250	250	50
1,2,4-Trichlorobenzene	< 250	250	50
1,1,1-Trichloroethane	< 250	250	50

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Method Blank (continued)

Analysis Name	Result	LOQ**	MDL
	ug/kg	ug/kg	ug/kg
1,1,2-Trichloroethane	< 250	250	50
Trichloroethene	< 250	250	50
Trichlorofluoromethane	< 250	250	100
Vinyl Chloride	< 250	250	50
Xylene (Total)	< 250	250	50
Batch number: R162101AA	Sample number(s): 8491429		
Acetone	< 1,000	1,000	350
Benzene	< 250	250	25
Bromodichloromethane	< 250	250	50
Bromoform	< 250	250	50
Bromomethane	< 250	250	100
2-Butanone	< 500	500	200
Carbon Disulfide	< 250	250	50
Carbon Tetrachloride	< 250	250	50
Chlorobenzene	< 250	250	50
Chloroethane	< 250	250	100
Chloroform	< 250	250	50
Chloromethane	< 250	250	100
Cyclohexane	< 250	250	50
1,2-Dibromo-3-chloropropane	< 250	250	100
Dibromochloromethane	< 250	250	50
1,2-Dibromoethane	< 250	250	50
1,2-Dichlorobenzene	< 250	250	50
1,3-Dichlorobenzene	< 250	250	50
1,4-Dichlorobenzene	< 250	250	50
Dichlorodifluoromethane	< 250	250	100
1,1-Dichloroethane	< 250	250	50
1,2-Dichloroethane	< 250	250	50
1,1-Dichloroethene	< 250	250	50
cis-1,2-Dichloroethene	< 250	250	50
trans-1,2-Dichloroethene	< 250	250	50
1,2-Dichloropropane	< 250	250	50
cis-1,3-Dichloropropene	< 250	250	50
trans-1,3-Dichloropropene	< 250	250	50
Ethylbenzene	< 250	250	50
Freon 113	< 500	500	100
2-Hexanone	< 500	500	150
Isopropylbenzene	< 250	250	50
Methyl Acetate	< 250	250	100
Methyl Tertiary Butyl Ether	< 250	250	25
4-Methyl-2-pentanone	< 500	500	150
Methylcyclohexane	< 250	250	50
Methylene Chloride	< 250	250	100
Styrene	< 250	250	50
1,1,2,2-Tetrachloroethane	< 250	250	50
Tetrachloroethene	< 250	250	50
Toluene	< 250	250	50
1,2,4-Trichlorobenzene	< 250	250	50
1,1,1-Trichloroethane	< 250	250	50
1,1,2-Trichloroethane	< 250	250	50
Trichloroethene	< 250	250	50

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Method Blank (continued)

Analysis Name	Result	LOQ**	MDL
	ug/kg	ug/kg	ug/kg
Trichlorofluoromethane	< 250	250	100
Vinyl Chloride	< 250	250	50
Xylene (Total)	< 250	250	50
	ug/l	ug/l	ug/l
Batch number: L162082AA	Sample number(s): 8491430, 8491432		
Acetone	< 20	20	6
Benzene	< 1	1	0.5
Bromodichloromethane	< 1	1	0.5
Bromoform	< 4	4	0.5
Bromomethane	< 1	1	0.5
2-Butanone	< 10	10	3
Carbon Disulfide	< 5	5	1
Carbon Tetrachloride	< 1	1	0.5
Chlorobenzene	< 1	1	0.5
Chloroethane	< 1	1	0.5
Chloroform	< 1	1	0.5
Chloromethane	< 1	1	0.5
Cyclohexane	< 5	5	2
1,2-Dibromo-3-chloropropane	< 5	5	2
Dibromochloromethane	< 1	1	0.5
1,2-Dibromoethane	< 1	1	0.5
1,2-Dichlorobenzene	< 5	5	1
1,3-Dichlorobenzene	< 5	5	1
1,4-Dichlorobenzene	< 5	5	1
Dichlorodifluoromethane	< 1	1	0.5
1,1-Dichloroethane	< 1	1	0.5
1,2-Dichloroethane	< 1	1	0.5
1,1-Dichloroethene	< 1	1	0.5
cis-1,2-Dichloroethene	< 1	1	0.5
trans-1,2-Dichloroethene	< 1	1	0.5
1,2-Dichloropropane	< 1	1	0.5
cis-1,3-Dichloropropene	< 1	1	0.5
trans-1,3-Dichloropropene	< 1	1	0.5
Ethylbenzene	< 1	1	0.5
Freon 113	< 10	10	2
2-Hexanone	< 10	10	3
Isopropylbenzene	< 5	5	1
Methyl Acetate	< 5	5	1
Methyl Tertiary Butyl Ether	< 1	1	0.5
4-Methyl-2-pentanone	< 10	10	3
Methylcyclohexane	< 5	5	1
Methylene Chloride	< 4	4	2
Styrene	< 5	5	1
1,1,2,2-Tetrachloroethane	< 1	1	0.5
Tetrachloroethene	< 1	1	0.5
Toluene	< 1	1	0.5
1,2,4-Trichlorobenzene	< 5	5	1
1,1,1-Trichloroethane	< 1	1	0.5
1,1,2-Trichloroethane	< 1	1	0.5
Trichloroethene	< 1	1	0.5

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Method Blank (continued)

Analysis Name	Result	LOQ**	MDL
	ug/l	ug/l	ug/l
Trichlorofluoromethane	< 1	1	0.5
Vinyl Chloride	< 1	1	0.5
Xylene (Total)	< 1	1	0.5
	ug/kg	ug/kg	ug/kg
Batch number: 16211SLB026	Sample number(s): 8491429		
Acenaphthene	< 17	17	3
Acenaphthylene	< 17	17	3
Acetophenone	< 33	33	17
Anthracene	< 17	17	3
Atrazine	< 170	170	33
Benzaldehyde	< 170	170	67
Benzo(a)anthracene	< 17	17	3
Benzo(a)pyrene	< 17	17	3
Benzo(b)fluoranthene	< 17	17	3
Benzo(g,h,i)perylene	< 17	17	3
Benzo(k)fluoranthene	< 17	17	3
1,1'-Biphenyl	< 33	33	17
4-Bromophenyl-phenylether	< 33	33	17
Butylbenzylphthalate	< 170	170	67
Di-n-butylphthalate	< 170	170	67
Caprolactam	< 170	170	33
Carbazole	< 33	33	17
4-Chloro-3-methylphenol	< 33	33	17
4-Chloroaniline	< 67	67	33
bis(2-Chloroethoxy)methane	< 33	33	17
bis(2-Chloroethyl)ether	< 33	33	17
2-Chloronaphthalene	< 33	33	7
2-Chlorophenol	< 33	33	17
4-Chlorophenyl-phenylether	< 33	33	17
2,2'-oxybis(1-Chloropropane)	< 33	33	17
Chrysene	< 17	17	3
Dibenz(a,h)anthracene	< 17	17	3
Dibenzofuran	< 33	33	17
3,3'-Dichlorobenzidine	< 330	330	100
2,4-Dichlorophenol	< 33	33	17
Diethylphthalate	< 170	170	67
2,4-Dimethylphenol	< 33	33	17
Dimethylphthalate	< 170	170	67
4,6-Dinitro-2-methylphenol	< 500	500	170
2,4-Dinitrophenol	< 1,000	1,000	300
2,4-Dinitrotoluene	< 170	170	67
2,6-Dinitrotoluene	< 33	33	17
bis(2-Ethylhexyl)phthalate	< 170	170	67
Fluoranthene	< 17	17	3
Fluorene	< 17	17	3
Hexachlorobenzene	< 17	17	3
Hexachlorobutadiene	< 33	33	17
Hexachlorocyclopentadiene	< 500	500	170
Hexachloroethane	< 170	170	33
Indeno(1,2,3-cd)pyrene	< 17	17	3

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Method Blank (continued)

Analysis Name	Result	LOQ**	MDL
	ug/kg	ug/kg	ug/kg
Isophorone	< 33	33	17
2-Methylnaphthalene	< 17	17	3
2-Methylphenol	< 33	33	17
4-Methylphenol	< 33	33	17
Naphthalene	< 17	17	3
2-Nitroaniline	< 33	33	17
3-Nitroaniline	< 170	170	67
4-Nitroaniline	< 170	170	67
Nitrobenzene	< 33	33	17
2-Nitrophenol	< 33	33	17
4-Nitrophenol	< 500	500	170
N-Nitroso-di-n-propylamine	< 33	33	17
N-Nitrosodiphenylamine	< 33	33	17
Di-n-octylphthalate	< 170	170	67
Pentachlorophenol	< 170	170	33
Phenanthrene	< 17	17	3
Phenol	< 33	33	17
Pyrene	< 17	17	3
2,4,5-Trichlorophenol	< 33	33	17
2,4,6-Trichlorophenol	< 33	33	17
	ug/l	ug/l	ug/l
Batch number: 16208WAZ026	Sample number(s): 8491430		
Acenaphthene	< 0.5	0.5	0.1
Acenaphthylene	< 0.5	0.5	0.1
Acetophenone	< 1	1	0.5
Anthracene	< 0.5	0.5	0.1
Atrazine	< 5	5	2
Benzaldehyde	< 5	5	1
Benzo(a)anthracene	< 0.5	0.5	0.1
Benzo(a)pyrene	< 0.5	0.5	0.1
Benzo(b)fluoranthene	< 0.5	0.5	0.1
Benzo(g,h,i)perylene	< 0.5	0.5	0.1
Benzo(k)fluoranthene	< 0.5	0.5	0.1
1,1'-Biphenyl	< 1	1	0.5
4-Bromophenyl-phenylether	< 1	1	0.5
Butylbenzylphthalate	< 5	5	2
Di-n-butylphthalate	< 5	5	2
Caprolactam	< 15	15	5
Carbazole	< 1	1	0.5
4-Chloro-3-methylphenol	< 1	1	0.5
4-Chloroaniline	< 4	4	2
bis(2-Chloroethoxy)methane	< 1	1	0.5
bis(2-Chloroethyl)ether	< 1	1	0.5
2-Chloronaphthalene	< 1	1	0.4
2-Chlorophenol	< 1	1	0.5
4-Chlorophenyl-phenylether	< 1	1	0.5
2,2'-oxybis(1-Chloropropane)	< 1	1	0.5
Chrysene	< 0.5	0.5	0.1
Dibenz(a,h)anthracene	< 0.5	0.5	0.1
Dibenzofuran	< 1	1	0.5

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Method Blank (continued)

Analysis Name	Result	LOQ**	MDL
	ug/l	ug/l	ug/l
3,3'-Dichlorobenzidine	< 5	5	2
2,4-Dichlorophenol	< 1	1	0.5
Diethylphthalate	< 5	5	2
2,4-Dimethylphenol	< 1	1	0.5
Dimethylphthalate	< 5	5	2
4,6-Dinitro-2-methylphenol	< 15	15	5
2,4-Dinitrophenol	< 30	30	10
2,4-Dinitrotoluene	< 5	5	1
2,6-Dinitrotoluene	< 1	1	0.5
bis(2-Ethylhexyl)phthalate	< 5	5	2
Fluoranthene	< 0.5	0.5	0.1
Fluorene	< 0.5	0.5	0.1
Hexachlorobenzene	< 0.5	0.5	0.1
Hexachlorobutadiene	< 1	1	0.5
Hexachlorocyclopentadiene	< 15	15	5
Hexachloroethane	< 5	5	1
Indeno(1,2,3-cd)pyrene	< 0.5	0.5	0.1
Isophorone	< 1	1	0.5
2-Methylnaphthalene	< 0.5	0.5	0.1
2-Methylphenol	< 1	1	0.5
4-Methylphenol	< 1	1	0.5
Naphthalene	< 0.5	0.5	0.1
2-Nitroaniline	< 1	1	0.5
3-Nitroaniline	< 1	1	0.5
4-Nitroaniline	< 1	1	0.5
Nitrobenzene	< 1	1	0.5
2-Nitrophenol	< 1	1	0.5
4-Nitrophenol	< 30	30	10
N-Nitroso-di-n-propylamine	< 1	1	0.5
N-Nitrosodiphenylamine	< 1	1	0.5
Di-n-octylphthalate	< 5	5	2
Pentachlorophenol	< 5	5	1
Phenanthrene	< 0.5	0.5	0.1
Phenol	< 1	1	0.5
Pyrene	< 0.5	0.5	0.1
2,4,5-Trichlorophenol	< 1	1	0.5
2,4,6-Trichlorophenol	< 1	1	0.5

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/kg	ug/kg	ug/kg	ug/kg					
Batch number: R162091AA	Sample number(s): 8491431								
Acetone	7500	6450.7	7500	6188.43	86	83	46-139	4	30
Benzene	1000	1085.76	1000	1098.47	109	110	80-120	1	30
Bromodichloromethane	1000	1102.99	1000	1118.24	110	112	75-120	1	30
Bromoform	1000	969.52	1000	951.28	97	95	64-120	2	30

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/kg	LCS Conc ug/kg	LCSD Spike Added ug/kg	LCSD Conc ug/kg	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromomethane	1000	828.36	1000	787.14	83	79	16-200	5	30
2-Butanone	7500	5722.15	7500	5633.59	76	75	54-129	2	30
Carbon Disulfide	1000	1109.79	1000	1134.62	111	113	60-120	2	30
Carbon Tetrachloride	1000	1122.13	1000	1176.1	112	118	69-130	5	30
Chlorobenzene	1000	940.21	1000	928.59	94	93	80-120	1	30
Chloroethane	1000	840.82	1000	782.71	84	78	11-200	7	30
Chloroform	1000	1126.28	1000	1115.69	113	112	80-120	1	30
Chloromethane	1000	911.25	1000	881.19	91	88	56-120	3	30
Cyclohexane	1000	1070.16	1000	1178.07	107	118	58-120	10	30
1,2-Dibromo-3-chloropropane	1000	864.02	1000	856.46	86	86	54-120	1	30
Dibromochloromethane	1000	997.78	1000	944.59	100	94	77-120	5	30
1,2-Dibromoethane	1000	986.97	1000	942.47	99	94	80-120	5	30
1,2-Dichlorobenzene	1000	950.24	1000	920.03	95	92	80-120	3	30
1,3-Dichlorobenzene	1000	930.82	1000	850.06	93	85	80-120	9	30
1,4-Dichlorobenzene	1000	944.12	1000	900.3	94	90	80-120	5	30
Dichlorodifluoromethane	1000	746.5	1000	769.06	75	77	28-131	3	30
1,1-Dichloroethane	1000	1089.95	1000	1105.27	109	111	77-120	1	30
1,2-Dichloroethane	1000	1127.69	1000	1125.87	113	113	77-130	0	30
1,1-Dichloroethene	1000	1130.86	1000	1136.75	113	114	73-129	1	30
cis-1,2-Dichloroethene	1000	1116.91	1000	1097.89	112	110	80-120	2	30
trans-1,2-Dichloroethene	1000	1136.35	1000	1155.35	114	116	80-125	2	30
1,2-Dichloropropane	1000	1116.37	1000	1074.21	112	107	76-120	4	30
cis-1,3-Dichloropropene	1000	1062.65	1000	1073.63	106	107	74-120	1	30
trans-1,3-Dichloropropene	1000	991.15	1000	899.25	99	90	76-120	10	30
Ethylbenzene	1000	937.96	1000	929.25	94	93	80-120	1	30
Freon 113	1000	1227.06	1000	1290.22	123	129	57-141	5	30
2-Hexanone	5000	3076.09	5000	2896.54	62	58	39-120	6	30
Isopropylbenzene	1000	942.75	1000	862.94	94	86	70-120	9	30
Methyl Acetate	1000	1024.8	1000	1061.64	102	106	52-146	4	30
Methyl Tertiary Butyl Ether	1000	1096.01	1000	1090.21	110	109	72-120	1	30
4-Methyl-2-pentanone	5000	3339.27	5000	3501.48	67	70	50-120	5	30
Methylcyclohexane	1000	1125.38	1000	1228.75	113	123	52-128	9	30
Methylene Chloride	1000	1079.52	1000	1143.33	108	114	76-122	6	30
Styrene	1000	895.32	1000	856.28	90	86	76-120	4	30
1,1,2,2-Tetrachloroethane	1000	956.04	1000	942.9	96	94	67-121	1	30
Tetrachloroethene	1000	941.26	1000	919.19	94	92	78-120	2	30
Toluene	1000	970.79	1000	953.08	97	95	80-120	2	30
1,2,4-Trichlorobenzene	1000	1072.67	1000	982.58	107	98	55-120	9	30
1,1,1-Trichloroethane	1000	1212.11	1000	1253.28	121	125	66-128	3	30
1,1,2-Trichloroethane	1000	958.51	1000	926.07	96	93	80-120	3	30
Trichloroethene	1000	1092.59	1000	1092.76	109	109	80-120	0	30
Trichlorofluoromethane	1000	881.23	1000	1011.28	88	101	54-140	14	30
Vinyl Chloride	1000	873.3	1000	876.82	87	88	59-120	0	30
Xylene (Total)	3000	2813.2	3000	2747.25	94	92	80-120	2	30
Batch number: R162101AA Sample number(s): 8491429									
Acetone	7500	6447.88	7500	6595.77	86	88	46-139	2	30
Benzene	1000	981.1	1000	946.04	98	95	80-120	4	30
Bromodichloromethane	1000	981.72	1000	971.66	98	97	75-120	1	30
Bromoform	1000	1023.84	1000	987.75	102	99	64-120	4	30
Bromomethane	1000	865.69	1000	881.39	87	88	16-200	2	30

*- Outside of specification

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P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/kg	LCS Conc ug/kg	LCSD Spike Added ug/kg	LCSD Conc ug/kg	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Butanone	7500	5959.95	7500	5968.52	79	80	54-129	0	30
Carbon Disulfide	1000	1014.07	1000	966.48	101	97	60-120	5	30
Carbon Tetrachloride	1000	1052.94	1000	1006.92	105	101	69-130	4	30
Chlorobenzene	1000	956.15	1000	948.8	96	95	80-120	1	30
Chloroethane	1000	844.01	1000	845.85	84	85	11-200	0	30
Chloroform	1000	1007.5	1000	986.01	101	99	80-120	2	30
Chloromethane	1000	788.61	1000	769.14	79	77	56-120	2	30
Cyclohexane	1000	995.46	1000	929.7	100	93	58-120	7	30
1,2-Dibromo-3-chloropropane	1000	881.71	1000	872.92	88	87	54-120	1	30
Dibromochloromethane	1000	1042.84	1000	995.63	104	100	77-120	5	30
1,2-Dibromoethane	1000	997.18	1000	945.73	100	95	80-120	5	30
1,2-Dichlorobenzene	1000	1000.68	1000	969.37	100	97	80-120	3	30
1,3-Dichlorobenzene	1000	981.08	1000	946.61	98	95	80-120	4	30
1,4-Dichlorobenzene	1000	1016.75	1000	971.22	102	97	80-120	5	30
Dichlorodifluoromethane	1000	670.94	1000	668.06	67	67	28-131	0	30
1,1-Dichloroethane	1000	1008.35	1000	972.29	101	97	77-120	4	30
1,2-Dichloroethane	1000	1016.23	1000	975.35	102	98	77-130	4	30
1,1-Dichloroethene	1000	1030.06	1000	989.96	103	99	73-129	4	30
cis-1,2-Dichloroethene	1000	1013.63	1000	1004.18	101	100	80-120	1	30
trans-1,2-Dichloroethene	1000	1039.16	1000	1055.66	104	106	80-125	2	30
1,2-Dichloropropane	1000	965.37	1000	957.92	97	96	76-120	1	30
cis-1,3-Dichloropropene	1000	964.56	1000	938.46	96	94	74-120	3	30
trans-1,3-Dichloropropene	1000	983.72	1000	987.77	98	99	76-120	0	30
Ethylbenzene	1000	961.75	1000	928.06	96	93	80-120	4	30
Freon 113	1000	1131.51	1000	1072.44	113	107	57-141	5	30
2-Hexanone	5000	3089.8	5000	2924.29	62	58	39-120	6	30
Isopropylbenzene	1000	941.36	1000	922.29	94	92	70-120	2	30
Methyl Acetate	1000	905.29	1000	869.31	91	87	52-146	4	30
Methyl Tertiary Butyl Ether	1000	990.96	1000	991.23	99	99	72-120	0	30
4-Methyl-2-pentanone	5000	2900.39	5000	2837.39	58	57	50-120	2	30
Methylcyclohexane	1000	1024.6	1000	1000.11	102	100	52-128	2	30
Methylene Chloride	1000	993.27	1000	976.33	99	98	76-122	2	30
Styrene	1000	906.01	1000	865.86	91	87	76-120	5	30
1,1,2,2-Tetrachloroethane	1000	961.68	1000	954.11	96	95	67-121	1	30
Tetrachloroethene	1000	1026.2	1000	994.95	103	99	78-120	3	30
Toluene	1000	977.94	1000	958.66	98	96	80-120	2	30
1,2,4-Trichlorobenzene	1000	1180.05	1000	1032.9	118	103	55-120	13	30
1,1,1-Trichloroethane	1000	1130.92	1000	1080.85	113	108	66-128	5	30
1,1,2-Trichloroethane	1000	962.75	1000	951.16	96	95	80-120	1	30
Trichloroethene	1000	983.1	1000	979.65	98	98	80-120	0	30
Trichlorofluoromethane	1000	821.61	1000	836.67	82	84	54-140	2	30
Vinyl Chloride	1000	796.04	1000	777.36	80	78	59-120	2	30
Xylene (Total)	3000	2847.56	3000	2783.29	95	93	80-120	2	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: L162082AA	Sample number(s): 8491430, 8491432								
Acetone	150	143.5	150	125.85	96	84	58-138	13	30
Benzene	20	19.02	20	17.25	95	86	78-120	10	30
Bromodichloromethane	20	18.71	20	17.14	94	86	80-120	9	30
Bromoform	20	18.99	20	17.2	95	86	67-120	10	30

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromomethane	20	18.51	20	16.68	93	83	53-130	10	30
2-Butanone	150	130.08	150	122.94	87	82	62-131	6	30
Carbon Disulfide	20	19.72	20	21.79	99	109	58-120	10	30
Carbon Tetrachloride	20	19.24	20	17.18	96	86	74-130	11	30
Chlorobenzene	20	18.79	20	16.82	94	84	80-120	11	30
Chloroethane	20	18.89	20	16.8	94	84	56-120	12	30
Chloroform	20	19.25	20	17.35	96	87	80-120	10	30
Chloromethane	20	18.94	20	16.26	95	81	65-129	15	30
Cyclohexane	20	18.52	20	16.59	93	83	65-123	11	30
1,2-Dibromo-3-chloropropane	20	18.32	20	17.46	92	87	59-120	5	30
Dibromochloromethane	20	18.84	20	16.84	94	84	78-120	11	30
1,2-Dibromoethane	20	18.44	20	16.72	92	84	80-120	10	30
1,2-Dichlorobenzene	20	17.77	20	16.53	89	83	80-120	7	30
1,3-Dichlorobenzene	20	17.8	20	16.25	89	81	80-120	9	30
1,4-Dichlorobenzene	20	17.64	20	16.23	88	81	80-120	8	30
Dichlorodifluoromethane	20	15.62	20	13.96	78	70	49-127	11	30
1,1-Dichloroethane	20	18.53	20	17.44	93	87	80-120	6	30
1,2-Dichloroethane	20	17.96	20	16.43	90	82	72-127	9	30
1,1-Dichloroethene	20	20.14	20	19.94	101	100	76-124	1	30
cis-1,2-Dichloroethene	20	19.32	20	17.56	97	88	80-120	9	30
trans-1,2-Dichloroethene	20	19.85	20	21.43	99	107	80-120	8	30
1,2-Dichloropropane	20	18.69	20	17	93	85	80-120	9	30
cis-1,3-Dichloropropene	20	18.81	20	17.16	94	86	80-120	9	30
trans-1,3-Dichloropropene	20	19.2	20	17.47	96	87	76-120	9	30
Ethylbenzene	20	18.78	20	16.64	94	83	78-120	12	30
Freon 113	20	19.49	20	20.05	97	100	64-136	3	30
2-Hexanone	100	88.25	100	82.56	88	83	35-138	7	30
Isopropylbenzene	20	19.19	20	16.96	96	85	80-120	12	30
Methyl Acetate	20	16.56	20	20.08	83	100	61-137	19	30
Methyl Tertiary Butyl Ether	20	17.68	20	19.44	88	97	75-120	9	30
4-Methyl-2-pentanone	100	89.87	100	84.97	90	85	47-133	6	30
Methylcyclohexane	20	18.66	20	16.93	93	85	66-126	10	30
Methylene Chloride	20	19.17	20	20.71	96	104	77-121	8	30
Styrene	20	19.07	20	17.1	95	86	80-120	11	30
1,1,2,2-Tetrachloroethane	20	18.45	20	17.19	92	86	72-120	7	30
Tetrachloroethene	20	18.01	20	15.99	90	80	80-129	12	30
Toluene	20	18.7	20	16.69	93	83	80-120	11	30
1,2,4-Trichlorobenzene	20	16.17	20	15.16	81	76	66-120	6	30
1,1,1-Trichloroethane	20	17.36	20	15.6	87	78	66-126	11	30
1,1,2-Trichloroethane	20	18.09	20	16.15	90	81	80-120	11	30
Trichloroethene	20	19.01	20	17.46	95	87	80-120	8	30
Trichlorofluoromethane	20	20.67	20	19.42	103	97	67-129	6	30
Vinyl Chloride	20	19.41	20	17.43	97	87	69-120	11	30
Xylene (Total)	60	56.32	60	50.4	94	84	80-120	11	30
	ug/kg	ug/kg	ug/kg	ug/kg					
Batch number: 16211SLB026	Sample number(s): 8491429								
Acenaphthene	1666.67	1686.47			101		83-116		
Acenaphthylene	1666.67	1794.68			108		83-119		
Acetophenone	1666.67	1571.3			94		74-116		

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/kg	LCS Conc ug/kg	LCSD Spike Added ug/kg	LCSD Conc ug/kg	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Anthracene	1666.67	1736.32			104		82-118		
Atrazine	1666.67	1480.39			89		62-143		
Benzaldehyde	1666.67	1508.52			91		10-93		
Benzo(a)anthracene	1666.67	1658.89			100		76-119		
Benzo(a)pyrene	1666.67	1757.14			105		85-117		
Benzo(b)fluoranthene	1666.67	1769.29			106		78-129		
Benzo(g,h,i)perylene	1666.67	1673.78			100		77-118		
Benzo(k)fluoranthene	1666.67	1788.98			107		79-120		
1,1'-Biphenyl	1666.67	1713.7			103		76-111		
4-Bromophenyl-phenylether	1666.67	1721.74			103		84-120		
Butylbenzylphthalate	1666.67	1693.8			102		80-118		
Di-n-butylphthalate	1666.67	1733.41			104		84-120		
Caprolactam	1666.67	1534.52			92		73-119		
Carbazole	1666.67	1658.18			99		78-117		
4-Chloro-3-methylphenol	1666.67	1649.51			99		79-127		
4-Chloroaniline	1666.67	1295.83			78		10-100		
bis(2-Chloroethoxy)methane	1666.67	1641.42			98		77-116		
bis(2-Chloroethyl)ether	1666.67	1590.42			95		77-115		
2-Chloronaphthalene	1666.67	1470.36			88		63-146		
2-Chlorophenol	1666.67	1727.66			104		85-123		
4-Chlorophenyl-phenylether	1666.67	1620.81			97		81-120		
2,2'-oxybis(1-Chloropropane)	1666.67	1561.15			94		61-134		
Chrysene	1666.67	1633.72			98		80-121		
Dibenz(a,h)anthracene	1666.67	1735.49			104		81-123		
Dibenzofuran	1666.67	1656.94			99		85-115		
3,3'-Dichlorobenzidine	1666.67	1453.08			87		10-116		
2,4-Dichlorophenol	1666.67	1758.8			106		86-125		
Diethylphthalate	1666.67	1614.27			97		81-118		
2,4-Dimethylphenol	1666.67	1565.67			94		83-120		
Dimethylphthalate	1666.67	1630.45			98		82-113		
4,6-Dinitro-2-methylphenol	1666.67	1708.1			102		46-134		
2,4-Dinitrophenol	3333.33	1941.04			58		16-132		
2,4-Dinitrotoluene	1666.67	1595.98			96		81-122		
2,6-Dinitrotoluene	1666.67	1662.65			100		86-125		
bis(2-Ethylhexyl)phthalate	1666.67	1655.75			99		81-121		
Fluoranthene	1666.67	1614.14			97		81-117		
Fluorene	1666.67	1629.69			98		86-118		
Hexachlorobenzene	1666.67	1679.01			101		79-116		
Hexachlorobutadiene	1666.67	1635.42			98		72-120		
Hexachlorocyclopentadiene	3333.33	3908.86			117		64-137		
Hexachloroethane	1666.67	1547.45			93		78-114		
Indeno(1,2,3-cd)pyrene	1666.67	1660.16			100		81-118		
Isophorone	1666.67	1594.6			96		77-118		
2-Methylnaphthalene	1666.67	1605.12			96		83-109		
2-Methylphenol	1666.67	1790.3			107		80-133		
4-Methylphenol	1666.67	1613.14			97		73-125		
Naphthalene	1666.67	1650.73			99		82-112		
2-Nitroaniline	1666.67	1693.82			102		84-126		
3-Nitroaniline	1666.67	1640.79			98		66-119		
4-Nitroaniline	1666.67	1499.21			90		44-110		

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/kg	LCS Conc ug/kg	LCSD Spike Added ug/kg	LCSD Conc ug/kg	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Nitrobenzene	1666.67	1631.41			98		70-122		
2-Nitrophenol	1666.67	1667.8			100		83-120		
4-Nitrophenol	1666.67	1423.72			85		52-133		
N-Nitroso-di-n-propylamine	1666.67	1594.58			96		67-121		
N-Nitrosodiphenylamine	1666.67	1750.35			105		83-118		
Di-n-octylphthalate	1666.67	1871.84			112		80-140		
Pentachlorophenol	1666.67	1589.99			95		57-126		
Phenanthrene	1666.67	1667.69			100		80-114		
Phenol	1666.67	1657.13			99		73-122		
Pyrene	1666.67	1650.57			99		81-114		
2,4,5-Trichlorophenol	1666.67	1686.51			101		86-123		
2,4,6-Trichlorophenol	1666.67	1751.06			105		81-123		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16208WAZ026	Sample number(s): 8491430								
Acenaphthene	50	49.05			98		69-123		
Acenaphthylene	50	50.96			102		67-125		
Acetophenone	50	48.86			98		61-124		
Anthracene	50	49.79			100		68-126		
Atrazine	50	50.46			101		62-140		
Benzaldehyde	50	49.4			99		10-123		
Benzo(a)anthracene	50	53.3			107		69-133		
Benzo(a)pyrene	50	49.87			100		68-126		
Benzo(b)fluoranthene	50	50.52			101		71-131		
Benzo(g,h,i)perylene	50	49.31			99		62-132		
Benzo(k)fluoranthene	50	50.64			101		72-128		
1,1'-Biphenyl	50	49.04			98		59-124		
4-Bromophenyl-phenylether	50	52.7			105		64-129		
Butylbenzylphthalate	50	46.06			92		56-124		
Di-n-butylphthalate	50	48.3			97		61-125		
Caprolactam	50	18.88			38		11-51		
Carbazole	50	49.84			100		64-126		
4-Chloro-3-methylphenol	50	51.38			103		65-125		
4-Chloroaniline	50	40.56			81		45-115		
bis(2-Chloroethoxy)methane	50	51.16			102		67-124		
bis(2-Chloroethyl)ether	50	48.26			97		65-120		
2-Chloronaphthalene	50	47.45			95		57-126		
2-Chlorophenol	50	49.24			98		59-120		
4-Chlorophenyl-phenylether	50	50.43			101		67-125		
2,2'-oxybis(1-Chloropropane)	50	45.54			91		56-128		
Chrysene	50	53.49			107		71-136		
Dibenz(a,h)anthracene	50	51.39			103		64-133		
Dibenzofuran	50	49.55			99		67-120		
3,3'-Dichlorobenzidine	50	45.9			92		39-118		
2,4-Dichlorophenol	50	50.42			101		66-126		
Diethylphthalate	50	45.05			90		55-124		
2,4-Dimethylphenol	50	44.24			88		63-117		
Dimethylphthalate	50	39.35			79		26-133		
4,6-Dinitro-2-methylphenol	50	48.14			96		64-124		
2,4-Dinitrophenol	100	88.89			89		42-129		

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2,4-Dinitrotoluene	50	52.17			104		71-131		
2,6-Dinitrotoluene	50	51.12			102		71-133		
bis(2-Ethylhexyl)phthalate	50	49.55			99		66-130		
Fluoranthene	50	51.4			103		68-129		
Fluorene	50	49.33			99		71-127		
Hexachlorobenzene	50	53.68			107		64-128		
Hexachlorobutadiene	50	45.47			91		23-129		
Hexachlorocyclopentadiene	100	28.23			28		10-101		
Hexachloroethane	50	43.59			87		23-121		
Indeno(1,2,3-cd)pyrene	50	49.32			99		62-128		
Isophorone	50	50.52			101		68-125		
2-Methylnaphthalene	50	47.74			95		61-117		
2-Methylphenol	50	48.17			96		54-122		
4-Methylphenol	50	48.53			97		44-114		
Naphthalene	50	46.35			93		62-121		
2-Nitroaniline	50	50.68			101		68-130		
3-Nitroaniline	50	45.56			91		58-122		
4-Nitroaniline	50	43.77			88		61-111		
Nitrobenzene	50	50.69			101		70-121		
2-Nitrophenol	50	53.14			106		67-131		
4-Nitrophenol	50	41.25			83		11-88		
N-Nitroso-di-n-propylamine	50	50.57			101		63-121		
N-Nitrosodiphenylamine	50	48.1			96		65-125		
Di-n-octylphthalate	50	50			100		73-131		
Pentachlorophenol	50	49			98		53-133		
Phenanthrene	50	49.52			99		65-120		
Phenol	50	32.7			65		19-82		
Pyrene	50	47.86			96		68-118		
2,4,5-Trichlorophenol	50	50.48			101		68-126		
2,4,6-Trichlorophenol	50	54.62			109		71-130		
	%	%	%	%					
Batch number: 16209820003A	Sample number(s): 8491429, 8491431								
Moisture	89.5	89.46			100		99-101		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/kg	MS Spike Added ug/kg	MS Conc ug/kg	MSD Spike Added ug/kg	MSD Conc ug/kg	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: R162101AA	Sample number(s): 8491429 UNSPK: P492110									
Acetone	< 830	6918.83	6050.84	6167.76	5057	87	82	46-139	18	30
Benzene	172.39	922.51	1062.02	822.37	847.3	96	82	80-120	22	30
Bromodichloromethane	< 210	922.51	868.11	822.37	708.6	94	86	75-120	20	30
Bromoform	< 210	922.51	964.52	822.37	728.37	105	89	64-120	28	30

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/kg	MS Spike Added ug/kg	MS Conc ug/kg	MSD Spike Added ug/kg	MSD Conc ug/kg	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Bromomethane	< 210	922.51	790.51	822.37	691.24	86	84	16-200	13	30
2-Butanone	< 410	6918.83	5408.64	6167.76	4634.09	78	75	54-129	15	30
Carbon Disulfide	< 210	922.51	817.06	822.37	614.54	89	75	60-120	28	30
Carbon Tetrachloride	< 210	922.51	941.67	822.37	694.44	102	84	69-130	30	30
Chlorobenzene	117.15	922.51	1020.34	822.37	781.77	98	81	80-120	26	30
Chloroethane	< 210	922.51	818.99	822.37	737.34	89	90	11-200	10	30
Chloroform	< 210	922.51	912.69	822.37	680.48	99	83	80-120	29	30
Chloromethane	< 210	922.51	547.89	822.37	453.89	59	55*	56-120	19	30
Cyclohexane	< 210	922.51	746.18	822.37	526.79	81	64	58-120	34*	30
1,2-Dibromo-3-chloropropane	< 210	922.51	841.82	822.37	627.24	91	76	54-120	29	30
Dibromochloromethane	< 210	922.51	934.59	822.37	746.48	101	91	77-120	22	30
1,2-Dibromoethane	< 210	922.51	902.93	822.37	685.92	98	83	80-120	27	30
1,2-Dichlorobenzene	< 210	922.51	894.42	822.37	687.74	97	84	80-120	26	30
1,3-Dichlorobenzene	< 210	922.51	899.14	822.37	681.47	97	83	80-120	28	30
1,4-Dichlorobenzene	< 210	922.51	894.68	822.37	701.82	97	85	80-120	24	30
Dichlorodifluoromethane	< 210	922.51	246.46	822.37	210.39	27*	26*	28-131	16	30
1,1-Dichloroethane	< 210	922.51	874.65	822.37	657.52	95	80	77-120	28	30
1,2-Dichloroethane	< 210	922.51	927.44	822.37	720.91	101	88	77-130	25	30
1,1-Dichloroethene	< 210	922.51	844.39	822.37	621.19	92	76	73-129	30	30
cis-1,2-Dichloroethene	529.2	922.51	1488.47	822.37	1171.98	104	78*	80-120	24	30
trans-1,2-Dichloroethene	< 210	922.51	953.56	822.37	694.38	103	84	80-125	31*	30
1,2-Dichloropropane	< 210	922.51	844.01	822.37	659.18	91	80	76-120	25	30
cis-1,3-Dichloropropene	< 210	922.51	839.12	822.37	674.21	91	82	74-120	22	30
trans-1,3-Dichloropropene	< 210	922.51	907.99	822.37	692.98	98	84	76-120	27	30
Ethylbenzene	98.53	922.51	977.11	822.37	774.73	95	82	80-120	23	30
Freon 113	< 410	922.51	818.74	822.37	582.56	89	71	57-141	34*	30
2-Hexanone	< 410	4612.55	2585.84	4111.84	2062	56	50	39-120	23	30
Isopropylbenzene	< 210	922.51	859.5	822.37	676.02	93	82	70-120	24	30
Methyl Acetate	< 210	922.51	943.06	822.37	610.17	102	74	52-146	43*	30
Methyl Tertiary Butyl Ether	< 210	922.51	906.41	822.37	667.78	98	81	72-120	30	30
4-Methyl-2-pentanone	< 410	4612.55	2513.1	4111.84	2076.23	54	50	50-120	19	30
Methylcyclohexane	< 210	922.51	787.03	822.37	561.31	85	68	52-128	33*	30
Methylene Chloride	< 210	922.51	922.42	822.37	661.48	100	80	76-122	33*	30
Styrene	< 210	922.51	888.5	822.37	653.51	96	79	76-120	30	30
1,1,2,2-Tetrachloroethane	< 210	922.51	957.32	822.37	728.32	104	89	67-121	27	30
Tetrachloroethene	< 210	922.51	916.75	822.37	706.25	99	86	78-120	26	30
Toluene	6748.83	922.51	5825.36	822.37	7205.42	-99 (2)	56 (2)	80-120	21	30
1,2,4-Trichlorobenzene	56.97	922.51	908.49	822.37	798.31	92	90	55-120	13	30
1,1,1-Trichloroethane	< 210	922.51	896.36	822.37	658.52	97	80	66-128	31*	30
1,1,2-Trichloroethane	< 210	922.51	872.27	822.37	695.31	95	85	80-120	23	30
Trichloroethene	278.89	922.51	1332.03	822.37	883.99	114	74*	80-120	40*	30
Trichlorofluoromethane	< 210	922.51	610.67	822.37	511.01	66	62	54-140	18	30
Vinyl Chloride	86.35	922.51	619.46	822.37	530.09	58*	54*	59-120	16	30
Xylene (Total)	659.9	2767.53	3301.25	2467.1	2774.83	95	86	80-120	17	30
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg					
Batch number: 16211SLB026	Sample number(s): 8491429 UNSPK: P490142									
Acenaphthene	13.7	1650.17	1318.67	1651.8	1740.98	79*	105	83-116	28	30

*- Outside of specification

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Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/kg	MS Spike Added ug/kg	MS Conc ug/kg	MSD Spike Added ug/kg	MSD Conc ug/kg	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Acenaphthylene	34.85	1650.17	1298.43	1651.8	1651.46	77*	98	83-119	24	30
Acetophenone	< 33	1650.17	1269.87	1651.8	1470.24	77	89	74-116	15	30
Anthracene	70.35	1650.17	1298.48	1651.8	2188.31	74*	128*	82-118	51*	30
Atrazine	< 170	1650.17	1029.1	1651.8	1386.52	62	84	62-143	30	30
Benzaldehyde	< 170	1650.17	1156.84	1651.8	1570.06	70	95*	10-93	30	30
Benzo(a)anthracene	311.45	1650.17	1464.48	1651.8	2931.2	70*	159*	76-119	67*	30
Benzo(a)pyrene	321.75	1650.17	1371.66	1651.8	2793.96	64*	150*	85-117	68*	30
Benzo(b)fluoranthene	452.95	1650.17	1592	1651.8	3177.63	69*	165*	78-129	66*	30
Benzo(g,h,i)perylene	204.93	1650.17	1155.52	1651.8	2206.21	58*	121*	77-118	63*	30
Benzo(k)fluoranthene	179.63	1650.17	1195.12	1651.8	1994.67	62*	110	79-120	50*	30
1,1'-Biphenyl	< 33	1650.17	1365.02	1651.8	1610.83	83	98	76-111	17	30
4-Bromophenyl-phenylether	< 33	1650.17	1235.58	1651.8	1578.48	75*	96	84-120	24	30
Butylbenzylphthalate	< 170	1650.17	1122.22	1651.8	1537.2	68*	93	80-118	31*	30
Di-n-butylphthalate	< 170	1650.17	1130.13	1651.8	1542.52	68*	93	84-120	31*	30
Caprolactam	< 170	1650.17	1281.15	1651.8	1379.45	78	84	73-119	7	30
Carbazole	32.49	1650.17	1098.36	1651.8	1643.42	65*	98	78-117	40*	30
4-Chloro-3-methylphenol	< 33	1650.17	1086.31	1651.8	1418.31	66*	86	79-127	27	30
4-Chloroaniline	< 67	1650.17	800.94	1651.8	1192.46	49	72	10-100	39*	30
bis(2-Chloroethoxy)methane	< 33	1650.17	1336.85	1651.8	1545.44	81	94	77-116	14	30
bis(2-Chloroethyl) ether	< 33	1650.17	1364.66	1651.8	1534.2	83	93	77-115	12	30
2-Chloronaphthalene	< 33	1650.17	1382.07	1651.8	1681.88	84	102	63-146	20	30
2-Chlorophenol	< 33	1650.17	1216.28	1651.8	1521.98	74*	92	85-123	22	30
4-Chlorophenyl-phenylether	< 33	1650.17	1149.39	1651.8	1441.78	70*	87	81-120	23	30
2,2'-oxybis(1-Chloropropane)	< 33	1650.17	1510.11	1651.8	1687.9	92	102	61-134	11	30
Chrysene	339.69	1650.17	1448.72	1651.8	2927.99	67*	157*	80-121	68*	30
Dibenz(a,h)anthracene	47.93	1650.17	1100.3	1651.8	1701.68	64*	100	81-123	43*	30
Dibenzofuran	19.44	1650.17	1189.56	1651.8	1561.58	71*	93	85-115	27	30
3,3'-Dichlorobenzidine	< 330	1650.17	675.62	1651.8	1139.05	41	69	10-116	51*	30
2,4-Dichlorophenol	< 33	1650.17	1168.99	1651.8	1474.87	71*	89	86-125	23	30
Diethylphthalate	< 170	1650.17	1088.55	1651.8	1430.63	66*	87	81-118	27	30
2,4-Dimethylphenol	< 33	1650.17	801.89	1651.8	1121.66	49*	68*	83-120	33*	30
Dimethylphthalate	< 170	1650.17	1095.74	1651.8	1434.09	66*	87	82-113	27	30
4,6-Dinitro-2-methylphenol	< 500	1650.17	951.82	1651.8	1262.1	58	76	46-134	28	30
2,4-Dinitrophenol	< 1,000	3300.33	1289.42	3303.6	1842.41	39	56	16-132	35*	30
2,4-Dinitrotoluene	< 170	1650.17	999.6	1651.8	1387.43	61*	84	81-122	32*	30
2,6-Dinitrotoluene	< 33	1650.17	1130.24	1651.8	1464.01	68*	89	86-125	26	30
bis(2-Ethylhexyl)phthalate	< 170	1650.17	1196.4	1651.8	1569.31	73*	95	81-121	27	30
Fluoranthene	625.62	1650.17	2055.19	1651.8	5211.48	87	278*	81-117	87*	30
Fluorene	18.44	1650.17	1219.12	1651.8	1628.9	73*	97	86-118	29	30
Hexachlorobenzene	< 17	1650.17	1212.42	1651.8	1540.12	73*	93	79-116	24	30
Hexachlorobutadiene	< 33	1650.17	1347.23	1651.8	1447.52	82	88	72-120	7	30
Hexachlorocyclopentadiene	< 500	3300.33	< 500	3303.6	< 500	0*	0*	64-137	0	30
Hexachloroethane	< 170	1650.17	1240.75	1651.8	1459.35	75*	88	78-114	16	30
Indeno(1,2,3-cd)pyrene	188.54	1650.17	1178.96	1651.8	2133.05	60*	118	81-118	58*	30
Isophorone	< 33	1650.17	1298.83	1651.8	1504.93	79	91	77-118	15	30
2-Methylnaphthalene	20.98	1650.17	1300.01	1651.8	1489.42	78*	89	83-109	14	30
2-Methylphenol	< 33	1650.17	1160.27	1651.8	1461.91	70*	89	80-133	23	30
4-Methylphenol	< 33	1650.17	1114.14	1651.8	1379	68*	83	73-125	21	30
Naphthalene	37.13	1650.17	1390.4	1651.8	1566.08	82	93	82-112	12	30

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/kg	MS Spike Added ug/kg	MS Conc ug/kg	MSD Spike Added ug/kg	MSD Conc ug/kg	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
2-Nitroaniline	< 33	1650.17	1221.84	1651.8	1502.75	74*	91	84-126	21	30
3-Nitroaniline	< 170	1650.17	1066	1651.8	1403.5	65*	85	66-119	27	30
4-Nitroaniline	< 170	1650.17	1063.41	1651.8	1289.04	64	78	44-110	19	30
Nitrobenzene	< 33	1650.17	1350.37	1651.8	1545.78	82	94	70-122	13	30
2-Nitrophenol	< 33	1650.17	1213.39	1651.8	1475.46	74*	89	83-120	19	30
4-Nitrophenol	< 500	1650.17	1145.44	1651.8	1191.91	69	72	52-133	4	30
N-Nitroso-di-n-propylamine	< 33	1650.17	1331.36	1651.8	1518.71	81	92	67-121	13	30
N-Nitrosodiphenylamine	< 33	1650.17	1173.65	1651.8	1549.53	71*	94	83-118	28	30
Di-n-octylphthalate	< 170	1650.17	1290.09	1651.8	1664.02	78*	101	80-140	25	30
Pentachlorophenol	< 170	1650.17	833.35	1651.8	1094.74	51*	66	57-126	27	30
Phenanthrene	348.11	1650.17	1856.67	1651.8	4218.33	91	234*	80-114	78*	30
Phenol	< 33	1650.17	1232.02	1651.8	1470.13	75	89	73-122	18	30
Pyrene	564.35	1650.17	1949.93	1651.8	4857.56	84	260*	81-114	85*	30
2,4,5-Trichlorophenol	< 33	1650.17	1092.19	1651.8	1383.45	66*	84*	86-123	24	30
2,4,6-Trichlorophenol	< 33	1650.17	1134.94	1651.8	1376.24	69*	83	81-123	19	30
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: 16208WAZ026	Sample number(s): 8491430 UNSPK: P08WZUS									
Acenaphthene	< 0.5	53.42	51.04	53.19	55.25	96	104	69-123	8	30
Acenaphthylene	< 0.5	53.42	53.12	53.19	57.8	99	109	67-125	8	30
Acetophenone	< 1	53.42	50.08	53.19	52.93	94	100	61-124	6	30
Anthracene	< 0.5	53.42	51.89	53.19	53.88	97	101	68-126	4	30
Atrazine	< 5	53.42	53.85	53.19	55.12	101	104	62-140	2	30
Benzaldehyde	< 5	53.42	52.33	53.19	55.94	98	105	10-123	7	30
Benzo(a)anthracene	< 0.5	53.42	56.95	53.19	57.71	107	108	69-133	1	30
Benzo(a)pyrene	< 0.5	53.42	52.25	53.19	53.44	98	100	68-126	2	30
Benzo(b)fluoranthene	< 0.5	53.42	52.99	53.19	53.51	99	101	71-131	1	30
Benzo(g,h,i)perylene	< 0.5	53.42	47.15	53.19	48.83	88	92	62-132	4	30
Benzo(k)fluoranthene	< 0.5	53.42	52.92	53.19	54.05	99	102	72-128	2	30
1,1'-Biphenyl	< 1	53.42	50.77	53.19	54.39	95	102	59-124	7	30
4-Bromophenyl-phenylether	< 1	53.42	54.36	53.19	57.77	102	109	64-129	6	30
Butylbenzylphthalate	< 5	53.42	53.15	53.19	54.96	99	103	56-124	3	30
Di-n-butylphthalate	< 5	53.42	52.07	53.19	54.14	97	102	61-125	4	30
Caprolactam	< 16	53.42	22.67	53.19	21.55	42	41	11-51	5	30
Carbazole	< 1	53.42	52.17	53.19	54.02	98	102	64-126	3	30
4-Chloro-3-methylphenol	< 1	53.42	52.43	53.19	55.79	98	105	65-125	6	30
4-Chloroaniline	< 4	53.42	38.2	53.19	44.65	72	84	45-115	16	30
bis(2-Chloroethoxy)methane	< 1	53.42	52.51	53.19	57.07	98	107	67-124	8	30
bis(2-Chloroethyl)ether	< 1	53.42	49	53.19	51.79	92	97	65-120	6	30
2-Chloronaphthalene	< 1	53.42	49.47	53.19	52.87	93	99	57-126	7	30
2-Chlorophenol	< 1	53.42	40.93	53.19	47.49	77	89	59-120	15	30
4-Chlorophenyl-phenylether	< 1	53.42	52.65	53.19	56.34	99	106	67-125	7	30
2,2'-oxybis(1-Chloropropane)	< 1	53.42	46.07	53.19	49.36	86	93	56-128	7	30
Chrysene	< 0.5	53.42	56.41	53.19	58	106	109	71-136	3	30
Dibenz(a,h)anthracene	< 0.5	53.42	52	53.19	52.37	97	98	64-133	1	30
Dibenzofuran	< 1	53.42	50.71	53.19	54.97	95	103	67-120	8	30
3,3'-Dichlorobenzidine	< 5	53.42	46.49	53.19	51.72	87	97	39-118	11	30
2,4-Dichlorophenol	< 1	53.42	42.21	53.19	48.74	79	92	66-126	14	30

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Diethylphthalate	< 5	53.42	52.95	53.19	56.46	99	106	55-124	6	30
2,4-Dimethylphenol	< 1	53.42	44.08	53.19	47.44	83	89	63-117	7	30
Dimethylphthalate	< 5	53.42	51.55	53.19	55.66	97	105	26-133	8	30
4,6-Dinitro-2-methylphenol	< 16	53.42	53.1	53.19	52.93	99	100	64-124	0	30
2,4-Dinitrophenol	< 32	106.84	103.43	106.38	105.26	97	99	42-129	2	30
2,4-Dinitrotoluene	< 5	53.42	53.95	53.19	58.74	101	110	71-131	8	30
2,6-Dinitrotoluene	< 1	53.42	55.45	53.19	57.78	104	109	71-133	4	30
bis(2-Ethylhexyl)phthalate	< 5	53.42	51.92	53.19	53	97	100	66-130	2	30
Fluoranthene	< 0.5	53.42	53.67	53.19	55.13	100	104	68-129	3	30
Fluorene	< 0.5	53.42	52.21	53.19	55.9	98	105	71-127	7	30
Hexachlorobenzene	< 0.5	53.42	55.84	53.19	59.09	105	111	64-128	6	30
Hexachlorobutadiene	< 1	53.42	50.27	53.19	51.59	94	97	23-129	3	30
Hexachlorocyclopentadiene	< 16	106.84	79.05	106.38	83.37	74	78	10-101	5	30
Hexachloroethane	< 5	53.42	45.98	53.19	47.51	86	89	23-121	3	30
Indeno(1,2,3-cd)pyrene	< 0.5	53.42	48.94	53.19	49.33	92	93	62-128	1	30
Isophorone	< 1	53.42	52.08	53.19	56.1	97	105	68-125	7	30
2-Methylnaphthalene	< 0.5	53.42	49.58	53.19	52.51	93	99	61-117	6	30
2-Methylphenol	< 1	53.42	47.98	53.19	51.11	90	96	54-122	6	30
4-Methylphenol	< 1	53.42	48.02	53.19	50.86	90	96	44-114	6	30
Naphthalene	< 0.5	53.42	49.12	53.19	51.83	92	97	62-121	5	30
2-Nitroaniline	< 1	53.42	52.43	53.19	58.22	98	109	68-130	10	30
3-Nitroaniline	< 1	53.42	46.55	53.19	51.5	87	97	58-122	10	30
4-Nitroaniline	< 1	53.42	46.62	53.19	49.43	87	93	61-111	6	30
Nitrobenzene	< 1	53.42	51.85	53.19	55.45	97	104	70-121	7	30
2-Nitrophenol	< 1	53.42	55.07	53.19	57.45	103	108	67-131	4	30
4-Nitrophenol	< 32	53.42	46.25	53.19	46.44	87	87	11-88	0	30
N-Nitroso-di-n-propylamine	< 1	53.42	51.64	53.19	55.12	97	104	63-121	7	30
N-Nitrosodiphenylamine	< 1	53.42	50.52	53.19	53.01	95	100	65-125	5	30
Di-n-octylphthalate	< 5	53.42	50.81	53.19	52.31	95	98	73-131	3	30
Pentachlorophenol	< 5	53.42	49.57	53.19	49.27	93	93	53-133	1	30
Phenanthrene	< 0.5	53.42	50.99	53.19	52.25	95	98	65-120	2	30
Phenol	< 1	53.42	34.54	53.19	38.78	65	73	19-82	12	30
Pyrene	< 0.5	53.42	51.33	53.19	51.8	96	97	68-118	1	30
2,4,5-Trichlorophenol	< 1	53.42	44.15	53.19	49.58	83	93	68-126	12	30
2,4,6-Trichlorophenol	< 1	53.42	43.4	53.19	51.13	81	96	71-130	16	30

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc %	DUP Conc %	DUP RPD	DUP RPD Max
Batch number: 16209820003A	Sample number(s): 8491429,8491431 BKG: P488662			
Moisture	15.34	15.7	2	5

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL (4.3) 8260C
Batch number: L162082AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8491430	105	105	95	100
8491432	106	102	102	99
Blank	103	102	98	99
LCS	100	101	100	102
LCSD	101	102	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260C TCL 4.3 VOCs
Batch number: R162091AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8491431	109	105	88	89
Blank	104	99	87	84
LCS	95	98	84	85
LCSD	101	94	84	81
Limits:	50-141	54-135	52-141	50-131

Analysis Name: 8260C TCL 4.3 VOCs
Batch number: R162101AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8491429	106	107	101	123
Blank	90	90	88	84
LCS	91	86	87	88
LCSD	88	87	85	86
MS	76	73	76	78
MSD	78	78	78	83
Limits:	50-141	54-135	52-141	50-131

Analysis Name: SVOAs by 8270D in Water
Batch number: 16208WAZ026

	Phenol-d6	2-Fluorophenol	2,4,6-Tribromophenol	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
8491430	43	56	45	134*	43*	61
Blank	50	69	113	94	86	98
LCS	63	79	115	99	94	101
MS	63	48	88	96	91	100
MSD	71	65	99	104	99	98
Limits:	10-85	10-103	22-150	46-128	61-112	41-125

Analysis Name: TCL 4.3 8270D (microwave)
Batch number: 16211SLB026

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Clean Globe Env.
Reported: 08/02/2016 13:03

Group Number: 1686686

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

	Phenol-d6	2-Fluorophenol	2,4,6-Tribromophenol	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
8491429	92	97	82	95	94	86
Blank	93	98	99	96	98	116
LCS	97	100	95	97	100	92
MS	79	79	68	84	83	72
MSD	92	94	77	93	93	86
Limits:	58-122	57-126	35-136	54-123	63-117	59-129

*- Outside of specification

** This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.



**Lancaster Laboratories
Environmental**

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 19919 Group # 1686686 Sample # 8491429-32

COC # 504471

[illegible]

Client: Clean Globe**Delivery and Receipt Information**

Delivery Method:	<u>Fed Ex</u>	Arrival Timestamp:	<u>07/22/2016 9:30</u>
Number of Packages:	<u>1</u>	Number of Projects:	<u>1</u>
State/Province of Origin:	<u>NY</u>		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace $\geq$ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	Yes		

*Unpacked by Timothy Cubberley (6520) at 12:53 on 07/22/2016***Samples Chilled Details***Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.*

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT131	2.5	DT	Wet	Y	Bagged	N

Container Quantity Discrepancy Details

Sample ID on COC	Container Qty. Received	Container Qty. on COC	Comments
UST GW	4	5	
TW2	4	3	

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/L), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value $\geq$ the Method Detection Limit (MDL or DL) and $<$ the Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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