

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160850-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6(a)	NY 375-6(b)	NY 375-6(b)	NY 375-6(b)	NY 375-6(b)	NY 375-6(b)	NY 375-6(b)	NY 375-6(b)	NY CP-51	NY CP-51	WC-D			WC-E			WC-F		
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	& CP-51 T-1	Table 2	Table 3	460-160850-1			460-160850-2			460-160850-3		
Sampling Date	Soil Cleanup	Use Soil	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	Objective	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	mg/kg	mg/kg	Soil			Soil			Soil		
Dilution Factor												50			1			1		
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
VOA-8260C-SOIL												Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8260C																				
1,1,1-Trichloroethane	NA	0.68	100	100	500	1000	NA	0.68	NA	NA	NA	0.027	U	0.027	0.00017	U	0.00017	0.00021	U	0.00021
1,1,2,2-Tetrachloroethane	NA	NA	35	NA	NA	NA	NA	0.6	NA	NA	NA	0.018	U	0.018	0.00015	U	0.00015	0.00020	U	0.00020
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	100	NA	NA	NA	NA	0.032	U	0.032	NA	0.032	U	0.032	0.00021	U	0.00021	0.00027	U	0.00027
1,1,2-Trichloroethane	NA	NA	NA	26	NA	NA	NA	0.0076	U	0.0076	NA	0.0076	U	0.0076	0.00013	U	0.00013	0.00016	U	0.00016
1,1-Dichloroethane	NA	0.27	19	NA	26	NA	NA	0.023	U	0.023	NA	0.023	U	0.023	0.00015	U	0.00015	0.00019	U	0.00019
1,1-Dichloroethene	NA	0.33	100	100	500	1000	NA	0.33	NA	NA	NA	0.032	U	0.032	0.00016	U	0.00016	0.00021	U	0.00021
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	0.033	U	0.033	0.00013	U	0.00013	0.00016	U	0.00016
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	0.026	U	0.026	0.000065	U	0.000065	0.000084	U	0.000084
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.022	U	0.022	0.00033	U	0.00033	0.00042	U	0.00042
1,2-Dichlorobenzene	NA	1.1	100	100	500	1000	NA	1.1	NA	NA	NA	0.021	U	0.021	0.00010	U	0.00010	0.00013	U	0.00013
1,2-Dichloroethane	NA	0.02	2.3	3.1	30	60	10	0.02	NA	NA	NA	0.096	U	0.024	0.00021	U	0.00021	0.00027	U	0.00027
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	700	NA	NA	NA	NA	0.017	U	0.017	0.00030	U	0.00030	0.00039	U	0.00039
1,3-Dichlorobenzene	NA	2.4	17	49	280	560	NA	2.4	NA	NA	NA	0.031	U	0.031	0.00011	U	0.00011	0.00014	U	0.00014
1,4-Dichlorobenzene	NA	1.8	9.8	13	130	250	20	1.8	NA	NA	NA	0.031	U	0.031	0.00071	U	0.00071	0.00091	U	0.00091
1,4-Dioxane	NA	0.1	9.8	13	130	250	0.1	0.1	NA	NA	NA	0.83	U	0.83	0.0065	U	0.0065	0.0084	U	0.0084
2-Butanone (MEK)	NA	0.12	100	NA	NA	NA	NA	0.3	NA	NA	NA	0.21	U	0.21	0.0059	U	0.0059	0.0081	U	0.0081
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.068	U	0.068	0.0055	U	0.0055	0.0071	U	0.0071
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	0.060	U	0.060	0.0047	U	0.0047	0.0061	U	0.0061
Acetone	NA	0.05	100	100	500	1000	2.2	0.05	NA	NA	NA	0.10	U	0.10	0.0027	U	0.0027	0.0046	U	0.0046
Benzene	0.06	0.06	2.9	4.8	44	89	70	0.06	0.06	0.06	0.06	0.085	J	0.018	0.00018	U	0.00018	0.00024	U	0.00024
Bromofom	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017	U	0.017	0.00030	U	0.00030	0.00039	U	0.00039
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017	U	0.017	0.00034	U	0.00034	0.00043	U	0.00043
Carbon disulfide	NA	NA	100	NA	NA	NA	NA	2.7	NA	NA	NA	0.021	U	0.021	0.00019	U	0.00019	0.00024	U	0.00024
Carbon tetrachloride	NA	0.76	1.4	2.4	22	44	NA	0.76	NA	NA	NA	0.031	U	0.031	0.00013	U	0.00013	0.00016	U	0.00016
Chlorobenzene	NA	1.1	100	100	500	1000	40	1.1	NA	NA	NA	0.023	U	0.023	0.00013	U	0.00013	0.00016	U	0.00016
Chlorobromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.029	U	0.029	0.00020	U	0.00020	0.00026	U	0.00026
Chlorodibromomethane	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	0.021	U	0.021	0.00014	U	0.00014	0.00018	U	0.00018
Chloroethane	NA	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA	0.035	U	0.035	0.00037	U	0.00037	0.00048	U	0.00048
Chloroform	NA	0.37	10	49	350	700	12	0.37	NA	NA	NA	0.021	U	0.021	0.00023	U	0.00023	0.00029	U	0.00029
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.021	U	0.021	0.00031	U	0.00031	0.00040	U	0.00040
cis-1,2-Dichloroethene	NA	0.25	59	100	500	1000	NA	0.25	NA	NA	NA	0.025	U	0.025	0.00011	U	0.00011	0.00014	U	0.00014
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015	U	0.015	0.00019	U	0.00019	0.00025	U	0.00025
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025	U	0.025	0.00016	U	0.00016	0.00020	U	0.00020
Dichlorobromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	U	0.014	0.00018	U	0.00018	0.00023	U	0.00023
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	U	0.013	0.00024	U	0.00024	0.00031	U	0.00031
Ethylbenzene	5.5	1	30	41	390	780	1	NA	NA	NA	NA	2.6	J	0.029	0.00026	J	0.00014	0.00025	J	0.00018
Ethylene Dibromide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019	U	0.019	0.00013	U	0.00013	0.00016	U	0.00016
Isopropylbenzene	2.3	NA	100	NA	NA	NA	NA	2.3	2.3	2.3	2.3	4.1	J	0.030	0.000089	U	0.000089	0.00011	U	0.00011
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.32	J	0.055	0.003	U	0.003	0.0039	U	0.0039
Methyl tert-butyl ether	NA	0.93	62	100	500	1000	0.93	0.93	NA	NA	NA	0.012	U	0.012	0.000089	U	0.000089	0.00011	U	0.00011
Methylcyclohexane	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	0.021	U	0.021	0.00011	U	0.00011	0.00015	U	0.00015
Methylene Chloride	NA	0.05	51	100	500	1000	12	0.05	NA	NA	NA	0.020	U	0.020	0.00067	J	0.00012	0.00078	J	0.00015
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2	U	0.027	0.0012	U	0.0012	0.0012	U	0.0016
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.43	U	0.030	0.00054	J	0.000067	0.00055	J	0.000087
Styrene	NA	NA	NA	NA	NA	300	1.3	NA	NA	NA	NA	0.016	U	0.016	0.000087	U	0.000087	0.00011	U	0.00011
Tetrachloroethene	NA	1.3	5.5	19	150	300	2	1.3	NA	NA	NA	0.034	U	0.034	0.00010	U	0.00010	0.00013	U	0.00013
Toluene	1.5	0.7	100	100	500	1000	36	0.7	0.7	0.7	0.7	0.53	U	0.024	0.00044	U	0.00044	0.00057	U	0.00057
trans-1,2-Dichloroethene	NA	0.19	100	100	500	1000	NA	0.19	NA	NA	NA	0.017	U	0.017	0.00017	U	0.00017	0.00022	U	0.00022
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	U	0.018	0.00019	U	0.00019	0.00024	U	0.00024
Trichloroethene	NA	0.47	10	21	200	400	2	0.47	NA	NA	NA	0.021	U	0.021	0.00010	U	0.00010	0.00013	U	0.00013
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	U	0.014	0.00029	U	0.00029	0.00037	U	0.00037
Vinyl chloride	NA	0.02	0.21	0.9	13	27	NA	0.02	NA	NA	NA	0.019	U	0.019	0.00039	U	0.00039	0.00050	U	0.00050
Total Conc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.361			0.03157			0.05688		
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	778			0.17			0.17		

*T There are no TICs reported for the sample

Highlighted Concentrations shown in bold type face exceed limits

B : Compound was found in the blank and sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Kimberly Norton

Analyst I

(732)549-3900

Elizabeth Flannery

Project Manager I

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Client ID	WC-D		
Lab Sample ID	460-160850-1		
Sampling Date	07/18/2018 14:42:00		
Matrix	Soil		
Dilution Factor	50		
Unit	mg/kg		
VOA-8260C-SOIL-TIC	Result	Q	RT mm:ss
SOIL TICS BY 8260C			
Benzene, 1,3,5-trimethyl-	94	J N	09:54
Benzene, 1,2,4-trimethyl-	170	J N	10:31
Benzene, 1,2,3-trimethyl-	62	J N	11:11
Benzene, 1-ethyl-3,5-dimethyl-	81	J N	11:32
Benzene, 1-methyl-3-(1-methylethyl)-	50	J N	11:51
Benzene, 2-ethyl-1,4-dimethyl-	78	J N	11:55
3a,6-Methano-3aH-indene, 2,3,6,7-tetrahydro-	56	J N	12:28
Benzene, 2-ethenyl-1,4-dimethyl-	79	J N	12:36
Benzene, (2-methyl-1-butenyl)-	49	J N	12:48
.alpha.,.beta.,.beta.-Trimethylstyrene	59	J N	12:51

RT mm:ss Retention Time in mm:ss format

J : Indicates an Estimated Value for TICs

N : This flag indicates the presumptive evidence of a compound.

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Client ID	WC-D			WC-E			WC-F			WC-D 2			WC-E 2			WC-F 2		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3			460-160850-4			460-160850-5			460-160850-6		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00			07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	10			10			10			10			10			10		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
VOA-8260C-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8260C																		
1,1-Dichloroethene	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012
1,2-Dichloroethane	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043
2-Butanone (MEK)	0.019	U *	0.019	0.019	U *	0.019	0.019	U *	0.019	0.019	U *	0.019	0.019	U *	0.019	0.019	U *	0.019
Benzene	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043
Carbon tetrachloride	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021
Chlorobenzene	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038
Chloroform	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033
Tetrachloroethene	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025
Trichloroethene	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031
Vinyl chloride	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017
Total Conc	0.0			0.0			0.0			0.0			0.0			0.0		

TCLP SUMMARY																	
Leachate Initial Amt	0.02608	Kg		0.02553	Kg		0.02396	Kg		0.02403	Kg		0.02553	Kg		0.02531	Kg
Leachate Final Amt	0.5	L		0.5	L		0.5	L		0.5	L		0.5	L		0.5	L
Leachate Final pH	5.10	SU		5.05	SU		5.01	SU		5.14	SU		5.02	SU		4.98	SU

* : LCS or LCSD is outside acceptance limits.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
 Kimberly Norton
 Analyst I
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Elizabeth Flannery
 Project Manager I
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Client ID	WC-D			WC-E			WC-F		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	Soil			Soil			Soil		
Dilution Factor	1			2			2		
Unit	mg/kg			mg/kg			mg/kg		
SVOA-8270D-SOIL-TIC	Result	Q	RT mm:ss	Result	Q	RT mm:ss	Result	Q	RT mm:ss
SOIL TICs BY 8270D									
Unknown	1.0	J	03:59	1.5	J	03:59	NR		
Unknown	0.89	J	05:38	NR			NR		
1H-Indene, 2,3-dihydro-4,7-dimethyl-	NR			NR			0.87	J N	06:21
Unknown	NR			NR			1.0	J	06:33
Naphthalene, 2,3-dimethyl-	NR			NR			0.91	J N	07:19
4H-Cyclopenta[def]phenanthrene	NR			NR			2.4	J N	09:36
Unknown	2.8	J	09:38	2.1	J	09:38	NR		
1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	NR			0.74	J N	09:49	NR		
13,17,21-Trimethyltritriacontane	1.8	J N	09:52	NR			NR		
di-p-Tolylacetylene	NR			1.3	J N	10:03	NR		
Phenanthrene, 2,5-dimethyl-	NR			NR			0.96	J N	10:03
Unknown	0.58	J	10:45	NR			NR		
11H-Benzofluorene	NR			NR			1.2	J N	10:46
Pyrene, 2-methyl-	NR			0.61	J N	10:52	NR		
Unknown	NR			NR			1.1	J	10:52
Fluoranthene, 2-methyl-	NR			NR			1.1	J N	11:01
Pyrene, 1-methyl-	NR			0.78	J N	11:01	NR		
Hentriacontane	0.64	J N	11:12	NR			NR		
Benzo[c]phenanthrene	NR			NR			1.8	J N	11:30
11H-Benzofluorene-11-one	NR			1.7	J N	11:35	NR		
Unknown	0.98	J	11:54	NR			NR		
11H-Benzofluorene-11-one	NR			NR			0.79	J N	12:06
Unknown	2.0	J	12:08	NR			NR		
Chrysene, 1-methyl-	NR			NR			1.7	J N	12:19
Triphenylene, 2-methyl-	NR			1.1	J N	12:19	NR		
Unknown	3.5	J	12:23	NR			NR		
Unknown	NR			0.85	J	12:30	NR		
5,12-Naphthacenedione	NR			0.80	J N	12:46	1.0	J N	12:46
Unknown	2.3	J	12:51	NR			NR		
Hexacosane	2.7	J N	13:05	NR			NR		
Unknown	2.5	J	13:58	NR			NR		
Unknown	NR			NR			1.1	J	14:06
Unknown	2.4	J	14:12	NR			NR		
Eicosane	NR			25	J N	14:16	NR		
Unknown	2.6	J	14:24	NR			NR		
Unknown	3.5	J	14:41	NR			NR		
Tetraacontane	NR			NR			34	J N	15:21
Benzo[b]triphenylene	NR			0.71	J N	15:26	NR		
Benzo[b]triphenylene	NR			NR			1.1	J N	15:51
Tetraacontane	NR			25	J N	17:16	NR		

NR: Not Analyzed

RT mm:ss Retention Time in mm:ss format

J : Indicates an Estimated Value for TICs

N : This flag indicates the presumptive evidence of a compound.

Lab Contact:

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Client ID	WC-D			WC-E			WC-F			WC-D 2			WC-E 2			WC-F 2		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3			460-160850-4			460-160850-5			460-160850-6		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00			07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
SVOA-8270D-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8270D																		
1,4-Dichlorobenzene	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013
2,4,5-Trichlorophenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
2,4,6-Trichlorophenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
2,4-Dinitrotoluene	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010
2-Methylphenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
3 & 4 Methylphenol	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020
Hexachlorobenzene	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040
Hexachlorobutadiene	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080
Hexachloroethane	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012
Nitrobenzene	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060
Pentachlorophenol	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014
Pyridine	0.0019	U *	0.0019	0.0019	U *	0.0019	0.0019	U *	0.0019	0.0019	U *	0.0019	0.0019	U *	0.0019	0.0019	U *	0.0019
Total Conc	0.0			0.0			0.0			0.0			0.0			0.0		

TCLP SUMMARY																		
Leachate Initial Amt	0.10006	Kg		0.10007	Kg		0.10001	Kg		0.10004	Kg		0.10005	Kg		0.10003	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.00	SU		4.99	SU		4.96	SU		4.99	SU		5.16	SU		4.94	SU	

* : RPD of the LCS and LCSD exceeds

the control limits

U : Indicates the analyte was analyzed for
but not detected.Lab Contact:
Kimberly Norton
Analyst I
(732)549-3900Elizabeth Flannery
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(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160850-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-D	WC-E	WC-F
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160850-1	460-160850-2	460-160850-3
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria	Criteria	07/18/2018 14:42:00	07/18/2018 13:26:00	07/18/2018 11:45:00
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup			Soil	Soil	Soil
Dilution Factor	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria			1	1	1
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GCSVOA-8081B-SOIL												Result	Q	MDL
SOIL BY 8081B												Result	Q	MDL
4,4'-DDD	NA	0.0033	2.6	13	92	180	0.0033	14	NA	NA	NA	0.0013	U	0.0013
4,4'-DDE	NA	0.0033	1.8	8.9	62	120	0.0033	17	NA	NA	NA	0.00087	U	0.00087
4,4'-DDT	NA	0.0033	1.7	7.9	47	94	0.0033	136	NA	NA	NA	0.0014	U	0.0014
Aldrin	NA	0.005	0.019	0.097	0.68	1.4	0.14	0.19	NA	NA	NA	0.0011	U	0.0011
alpha-BHC	NA	0.02	0.097	0.48	3.4	6.8	0.04	0.02	NA	NA	NA	0.00075	U	0.00075
beta-BHC	NA	0.036	0.072	0.36	3	14	0.6	0.09	NA	NA	NA	0.00083	U	0.00083
Chlordane (technical)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	U	0.018
delta-BHC	NA	0.04	100	100	500	1000	0.04	0.25	NA	NA	NA	0.00045	U	0.00045
Dieldrin	NA	0.005	0.039	0.2	1.4	2.8	0.006	0.1	NA	NA	NA	0.00096	U	0.00096
Endosulfan I	NA	2.4	4.8	24	200	920	NA	102	NA	NA	NA	0.0011	U	0.0011
Endosulfan II	NA	2.4	4.8	24	200	920	NA	102	NA	NA	NA	0.0019	U	0.0019
Endosulfan sulfate	NA	2.4	4.8	24	200	920	NA	1000	NA	NA	NA	0.00093	U	0.00093
Endrin	NA	0.014	2.2	11	85	410	0.014	0.06	NA	NA	NA	0.0011	U	0.0011
Endrin aldehyde	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0017	U	0.0017
Endrin ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014	U	0.0014
gamma-BHC (Lindane)	NA	0.1	0.28	1.3	9.2	23	6	0.1	NA	NA	NA	0.00068	U	0.00068
Heptachlor	NA	0.042	0.42	2.1	15	29	0.14	0.38	NA	NA	NA	0.00087	U	0.00087
Heptachlor epoxide	NA	NA	0.077	NA	NA	NA	NA	0.02	NA	NA	NA	0.0011	U	0.0011
Methoxychlor	NA	NA	100	NA	NA	NA	NA	1.2	900	NA	NA	0.0017	U	0.0017
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.027	U	0.027

Highlighted Concentrations shown in bold type face exceed limits

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Kimberly Norton

Analyst I

(732)549-3900

Elizabeth Flannery

Project Manager I

(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160850-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-D			WC-E			WC-F			WC-D 2			WC-E 2			WC-F 2		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3			460-160850-4			460-160850-5			460-160850-6		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00			07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
GCSVOA-8081B-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8081B																		
Chlordane (technical)	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055
Endrin	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040
gamma-BHC (Lindane)	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012
Heptachlor	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030
Heptachlor epoxide	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050
Methoxychlor	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040
Toxaphene	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011

TCLP SUMMARY																		
Leachate Initial Amt	0.10006	Kg		0.10007	Kg		0.10001	Kg		0.10004	Kg		0.10005	Kg		0.10003	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.00	SU		4.99	SU		4.96	SU		4.99	SU		5.16	SU		4.94	SU	

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SUMMARY OF ANALYTICAL RESULTS: 460-160850-1

Job Description: 651 Gates Avenue

For:

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Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-D			WC-E			WC-F		
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160850-1			460-160850-2			460-160850-3		
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria		07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup			Soil			Soil			Soil		
Dilution Factor		Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria			1			1			1		
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
GCSVOA-8082A-SOIL												Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8082A																				
Aroclor 1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0098	U	0.0098	0.0099	U	0.0099	0.011	U	0.011
Aroclor 1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0098	U	0.0098	0.0099	U	0.0099	0.011	U	0.011
Aroclor 1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0098	U	0.0098	0.0099	U	0.0099	0.011	U	0.011
Aroclor 1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0098	U	0.0098	0.0099	U	0.0099	0.011	U	0.011
Aroclor 1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0098	U	0.0098	0.0099	U	0.0099	0.011	U	0.011
Aroclor 1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	U	0.010	0.010	U	0.010	0.012	U	0.012
Aroclor 1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	U	0.010	0.010	U	0.010	0.012	U	0.012
Aroclor 1268	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	U	0.010	0.010	U	0.010	0.012	U	0.012
Aroclor-1262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	U	0.010	0.010	U	0.010	0.012	U	0.012
Total PCBs	NA	0.1	1	1	1	25	1	3.2	NA	NA	NA	0.010	U	0.010	0.010	U	0.010	0.012	U	0.012

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Elizabeth Flannery
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For:

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Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160850-1**

Job Description: 651 Gates Avenue

For:

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500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-D			WC-E			WC-F			WC-D 2			WC-E 2			WC-F 2		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3			460-160850-4			460-160850-5			460-160850-6		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00			07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
GCSVOA-8151A-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8151A																		
2,4-D	0.0050	U	0.0050	0.0050	U	0.0050	0.0050	U	0.0050	0.0050	U	0.0050	0.0050	U	0.0050	0.0050	U	0.0050
Silvex (2,4,5-TP)	0.0040	U	0.0040	0.0040	U	0.0040	0.0040	U	0.0040	0.0040	U	0.0040	0.0040	U	0.0040	0.0040	U	0.0040

TCLP SUMMARY																		
Leachate Initial Amt	0.10006	Kg		0.10007	Kg		0.10001	Kg		0.10004	Kg		0.10005	Kg		0.10003	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.00	SU		4.99	SU		4.96	SU		4.99	SU		5.16	SU		4.94	SU	

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Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-D	WC-E	WC-F	WC-D-1	WC-E-1	WC-F-1
Lab Sample ID	Recommended	Unrestricted	& CP-51 1-1	& CP-51 1-1	& CP-51 1-1	& CP-51 1-1	& CP-51 1-1	& CP-51 1-1	& CP-51 1-1	Table 2	Table 3	460-160850-1	460-160850-1	460-160850-1	460-160850-1	460-160850-1	460-160850-1
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria	Criteria	07/18/2018 14:42:00	07/18/2018 13:26:00	07/18/2018 11:45:00	07/18/2018 14:42:00	07/18/2018 13:26:00	07/18/2018 11:45:00
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	Criteria	Soil	Soil	Soil	Soil	Soil	Soil
Dilution Factor	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	1	1	1	1	1	1
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SC-VIA-NJDEP EPH-SOIL												Result	Q	MDL	Result	Q	MDL
SOIL BY NJDEP EPH												Result	Q	MDL	Result	Q	MDL
C10-C12 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0	*	2.2	2.6	*	2.2
C12-C18 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17		2.2	13		2.2
C12-C18 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9	*	2.2	8.0	*	2.2
C16-C21 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2		2.2	5.8		2.2
C16-C21 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12		2.2	63		2.2
C21-C36 Aromatic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56		2.2	150		2.2
C21-C40 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16		2.2	18		2.2
C9-C12 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57		2.2	40		2.2
Total Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	96		2.0	76		2.0
Total Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78		2.0	230		2.0
Total EPH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170		2.0	300		2.0

* - RPD of the LCS and LCSD exceeds the control limits
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SUMMARY OF ANALYTICAL RESULTS: 460-160850-1

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Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-D			WC-E			WC-F				
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160850-1			460-160850-2			460-160850-3				
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria	Criteria	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00				
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	Criteria	Soil			Soil			Soil				
Unit		Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria														
METALS-SOIL																						
SOIL BY 6010D(MG/KG)												Result	Q	MDL		Result	Q	MDL		Result	Q	MDL
Aluminum	NA	NA	NA	NA	NA	NA	10000	NA	NA	NA	NA	9050		10.2	7490		9.4	10900		10.7		
Antimony	NA	NA	NA	NA	NA	NA	12	NA	0.81	NA	NA	0.81	U	0.81	0.75	U	0.75	0.85	U	0.85		
Arsenic	NA	13	NA	16	16	16	13	16	NA	NA	NA	2.3	J	0.81	3.2		0.76	3.3		0.86		
Barium	NA	350	350	400	400	10000	433	820	NA	NA	NA	52.2		2.0	48.2		1.9	54.1		2.1		
Beryllium	NA	7.2	14	72	590	2700	10	47	NA	NA	NA	0.51		0.080	0.40		0.074	0.68		0.084		
Cadmium	NA	2.5	2.5	4.3	9.3	60	4	7.5	NA	NA	NA	0.12	U	0.12	0.19	J	0.11	0.13	U	0.13		
Calcium	NA	NA	NA	NA	NA	NA	10000	NA	NA	NA	NA	2000		52.9	1900		49.1	1730		55.9		
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.2		0.32	12.0		0.30	22.0		0.34		
Cobalt	NA	NA	30	NA	NA	NA	20	NA	NA	NA	NA	5.8	J	1.1	4.5	J	1.0	7.6	J	1.2		
Copper	NA	50	270	270	270	10000	50	1720	NA	NA	NA	14.4		2.4	49.5		2.2	18.4		2.5		
Iron	NA	NA	2000	NA	NA	NA	NA	NA	NA	NA	NA	16100		13.2	13500		12.3	20200		13.9		
Lead	NA	63	400	400	1000	3900	63	450	NA	NA	NA	33.5		0.47	122		0.44	37.4		0.50		
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2420		52.4	1970		48.6	3190		55.3		
Manganese	NA	1600	2000	2000	10000	10000	1600	2000	NA	NA	NA	293		0.31	202		0.29	359		0.33		
Nickel	NA	30	140	310	310	10000	30	130	NA	NA	NA	15.3		0.66	15.1		0.61	20.8		0.70		
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	650	J	55.9	488	J	51.9	1270		59.0		
Selenium	NA	3.9	36	180	1500	6800	3.9	4	NA	NA	NA	2.1	U	2.1	2.0	U	2.0	2.3	U	2.3		
Silver	NA	2	36	180	1500	6800	2	8.3	NA	NA	NA	0.17	U	0.17	0.16	U	0.16	0.18	U	0.18		
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.0	J	72.2	67.1	U	67.1	76.3	U	76.3		
Thallium	NA	NA	NA	NA	NA	NA	5	NA	NA	NA	NA	0.57	U	0.57	0.53	U	0.53	0.61	U	0.61		
Vanadium	NA	NA	100	NA	NA	NA	39	NA	NA	NA	NA	21.8		0.60	17.1		0.55	30.3		0.63		
Zinc	NA	109	2200	10000	10000	10000	109	2480	NA	NA	NA	37.1		4.2	174		3.9	41.1		4.4		
SOIL BY 7471B(MG/KG)																						
Mercury	NA	0.18	0.81	0.81	2.8	5.7	0.18	0.73	NA	NA	NA	0.090		0.011	3.7		0.10	0.26		0.013		

Highlighted Concentrations shown in bold type face exceed limits

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Kimberly Norton
Analyst I
(732)549-3900

Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160850-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-D			WC-E			WC-F			WC-D 2			WC-E 2			WC-F 2		
Lab Sample ID	460-160850-1			460-160850-2			460-160850-3			460-160850-4			460-160850-5			460-160850-6		
Sampling Date	07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00			07/18/2018 14:42:00			07/18/2018 13:26:00			07/18/2018 11:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Unit																		
METALS-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 6010D(UG/L)																		
Arsenic	13.3	U	13.3	13.3	U	13.3	13.3	U	13.3	14.1	J	13.3	14.5	J	13.3	13.3	U	13.3
Barium	420	J	38.4	444	J	38.4	343	J	38.4	359	J	38.4	706	J	38.4	683	J	38.4
Beryllium	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2
Cadmium	1.1	U	1.1	1.2	J	1.1	1.1	U	1.1	1.1	U	1.1	6.3	J	1.1	1.1	U	1.1
Chromium	6.3	U	6.3	6.3	U	6.3	6.3	U	6.3	6.6	J	6.3	27.2	J	6.3	6.3	U	6.3
Copper	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5
Lead	81.9		12.3	98.7		12.3	50.4		12.3	42.1	J	12.3	361		12.3	50.2		12.3
Nickel	20.6	J	8.5	11.0	J	8.5	9.6	J	8.5	18.9	J	8.5	38.3	J	8.5	18.0	J	8.5
Selenium	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0
Silver	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4
Zinc	54.0	J	18.1	254		18.1	19.7	J	18.1	48.0	J	18.1	683		18.1	26.4	J	18.1
TCLP BY 7470A(UG/L)																		
Mercury	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12
TCLP SUMMARY																		
Leachate Initial Amt	0.10006	Kg		0.10007	Kg		0.10001	Kg		0.10004	Kg		0.10005	Kg		0.10003	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.00	SU		4.99	SU		4.96	SU		4.99	SU		5.16	SU		4.94	SU	

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Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160850-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-D			WC-E			WC-F		
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160850-1	460-160850-2	460-160850-3						
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria		07/18/2018 14:42:00	07/18/2018 13:26:00	07/18/2018 11:45:00						
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria		Soil	Soil	Soil						
		Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria												
WETCHEM-SOIL												Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 1030																				
Burn Rate (mm/sec)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.20	U	2.20	2.20	U	2.20	2.20	U	2.20
SOIL BY 7196A																				
Cr (VI) (mg/kg)	NA	1	22	110	400	800	1	19	NA	NA	0.57	U	0.57	0.58	U	0.58	0.75	J	0.64	
SOIL BY 9012B																				
Cyanide, Total (mg/kg)	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.067	U	0.067	0.068	U	0.068	0.079	U	0.079
SOIL BY 9014																				
Cyanide, Reactive (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.0	U	25.0	25.0	U	25.0	25.0	U	25.0
SOIL BY 9034																				
Sulfide, Reactive (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	U	20.0	20.0	U	20.0	20.0	U	20.0
SOIL BY 9045D																				
Corrosivity (su)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.1	HF		8.0	HF		8.0	HF	
pH (su)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.1	HF		8.0	HF		8.0	HF	
SOIL BY 9095B																				
Free Liquid (ml/100g)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.500	U	0.500	0.500	U	0.500	0.500	U	0.500

HF : Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

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Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6 (a)	NY 375-6 (b)	NY 375-6 (b)	NY 375-6 (b)	NY 375-6 (b)	NY 375-6 (b)	NY 375-6 (b)	NY CP-51	NY CP-51	WC-A (0'-5')	WC-A (5'-10')	WC-B (0'-5')	WC-B (5'-10')	WC-C
Lab Sample ID	Recommended	Unrestricted	Residential	Restricted	Commercial	Industrial	Ecological Resources	GW	Table 2	Table 3	460-160980-1	460-160980-2	460-160980-3	460-160980-4	460-160980-5
Sampling Date	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018	07/19/2018
Matrix	Objective	Use Soil	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	Soil	Soil	Soil	Soil	Soil
Dilution Factor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOA-8260C-SOIL															
SOIL BY 8260C															
1,1,1-Trichloroethane	NA	0.68	100	100	500	1000	NA	0.68	NA	NA	0.00026	U	0.00021	U	0.00027
1,1,2,2-Tetrachloroethane	NA	NA	35	NA	NA	NA	NA	0.6	NA	NA	0.00024	U	0.00024	U	0.00025
1,1,2-Trichloro-2,2,2-trifluoroethane	NA	NA	6	100	NA	NA	NA	6	NA	NA	0.00034	U	0.00034	U	0.00035
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020	U	0.00011	U	0.00021
1,1-Dichloroethane	NA	0.27	19	26	240	480	NA	0.27	NA	NA	0.00023	U	0.00023	U	0.00024
1,1-Dichloroethene	NA	0.33	100	100	500	1000	NA	0.33	NA	NA	0.00025	U	0.00025	U	0.00026
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	20	NA	NA	NA	NA	0.00020	U	0.00011	U	0.00021
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	20	NA	3.4	NA	NA	0.00010	U	0.00010	U	0.00011
1,2-Dichloro-3-Chloropropane	NA	NA	NA	NA	NA	NA	NA	0.00052	U	0.00052	0.00029	U	0.00029	U	0.00041
1,2-Dichlorobenzene	NA	1.1	100	100	500	1000	NA	1.1	NA	NA	0.00016	U	0.00016	U	0.00017
1,2-Dichloroethane	NA	0.02	2.3	3.1	30	60	10	0.02	NA	NA	0.00033	U	0.00033	U	0.00035
1,2-Dichloroethene	NA	NA	NA	NA	NA	700	NA	0.00047	U	0.00047	0.00027	U	0.00027	U	0.00037
1,3-Dichlorobenzene	NA	2.4	17	49	280	560	NA	2.4	NA	NA	0.00018	U	0.00010	U	0.00014
1,4-Dichlorobenzene	NA	1.8	9.8	13	130	250	20	1.8	NA	NA	0.00011	U	0.00011	U	0.00012
1,4-Dioxane	NA	0.1	9.8	13	130	250	0.1	0.10	U	0.10	0.0006	U	0.0006	U	0.0006
2-Butanone (MEK)	NA	0.12	100	NA	NA	NA	NA	0.3	NA	NA	0.0012	U	0.0012	U	0.0013
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00087	U	0.00087	U	0.00087
4-Methyl-2-pentanone (MIBK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00074	U	0.00074	U	0.00074
Acetone	NA	0.05	100	100	500	1000	NA	0.05	NA	NA	0.001	U	0.001	U	0.001
Benzene	0.06	0.06	2.9	4.8	44	89	70	0.06	0.06	0.06	0.00029	U	0.00029	U	0.00030
Bromoforn	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00048	U	0.00048	U	0.00048
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00053	U	0.00053	U	0.00056
Carbon disulfide	NA	NA	100	NA	NA	2.7	NA	NA	NA	NA	0.00030	U	0.00030	U	0.00031
Carbon tetrachloride	NA	0.76	1.4	2.4	22	44	NA	0.76	NA	NA	0.00020	U	0.00020	U	0.00021
Chlorobenzene	NA	1.1	100	100	500	1000	NA	1.1	NA	NA	0.00020	U	0.00011	U	0.00011
Chlorobromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00031	U	0.00031	U	0.00033
Chlorodibromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00022	U	0.00022	U	0.00023
Chloroethane	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA	0.00058	U	0.00058	U	0.00061
Chloroform	NA	0.37	10	49	350	700	12	0.37	NA	NA	0.00036	U	0.00036	U	0.00038
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00049	U	0.00049	U	0.00051
cis-1,2-Dichloroethane	NA	0.25	50	100	500	1000	NA	0.25	NA	NA	0.00017	U	0.00017	U	0.00018
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00031	U	0.00031	U	0.00032
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00025	U	0.00025	U	0.00026
Dichlorobromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00029	U	0.00029	U	0.00030
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00038	U	0.00038	U	0.00040
Ethylbenzene	5.5	1	30	41	390	780	NA	1	1	1	0.00022	U	0.00022	U	0.00023
Ethylene Dichloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020	U	0.00020	U	0.00021
Isopropylbenzene	2.3	NA	100	NA	NA	NA	NA	2.3	2.3	2.3	0.00014	U	0.00014	U	0.00015
Methyl acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00048	U	0.00048	U	0.00051
Methyl tert-butyl ether	NA	0.93	62	100	500	1000	NA	0.93	NA	NA	0.00014	U	0.00014	U	0.00015
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00018	U	0.00018	U	0.00019
Methylene Chloride	NA	0.05	51	100	500	1000	12	0.05	NA	NA	0.00093	J	0.00018	U	0.00019
m-Xylene & p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00019	U	0.00019	U	0.00020
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00018	J	0.00011	U	0.00011
Styrene	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	0.00014	U	0.00014	U	0.00014
Tetrachloroethane	NA	1.3	5.5	19	150	300	2	1.3	NA	NA	0.00016	U	0.00016	U	0.00017
Toluene	1.5	0.7	100	100	500	1000	36	0.7	0.7	0.7	0.00070	U	0.00070	U	0.00074
trans-1,2-Dichloroethene	NA	0.19	100	100	500	1000	NA	0.19	NA	NA	0.00028	U	0.00028	U	0.00029
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00030	U	0.00030	U	0.00031
Trichloroethene	NA	0.47	10	21	200	400	NA	0.47	NA	NA	0.00016	U	0.00016	U	0.00017
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045	U	0.00045	U	0.00048
Vinyl chloride	NA	0.02	0.21	0.9	13	27	NA	0.02	NA	NA	0.00061	U	0.00061	U	0.00064
Total Conc.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02211	0.0065	0.01815	0.0414	0.0261
Total Estimated Conc. (TICs)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.068	0.011	0.011	0.011	0.011

*T There are no TICs reported for the sample

B : Compound was found in the blank and sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')		
Lab Sample ID	460-160980-1		
Sampling Date	07/19/2018 13:00:00		
Matrix	Soil		
Dilution Factor	1		
Unit	mg/kg		
VOA-8260C-SOIL-TIC	Result	Q	RT mm:ss
SOIL TICS BY 8260C			
Naphthalene	0.027	J N	13:08
Naphthalene, 2-methyl-	0.017	J N	14:40
Naphthalene, 1-methyl-	0.024	J N	14:59

RT mm:ss Retention Time in mm:ss format

J : Indicates an Estimated Value for TICs

N : This flag indicates the presumptive evidence of a compound.

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**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

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Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-A (5'-10')			WC-B (0'-5')			WC-B (5'-10')			WC-C			WC-C 2		
Lab Sample ID	460-160980-1			460-160980-2			460-160980-3			460-160980-4			460-160980-5			460-160980-6		
Sampling Date	07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 11:55:00			07/19/2018 12:20:00			07/19/2018 09:45:00			07/19/2018 09:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	10			10			10			10			10			10		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
VOA-8260C-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8260C																		
1,1-Dichloroethene	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012
1,2-Dichloroethane	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043
2-Butanone (MEK)	0.019	U	0.019	0.019	U	0.019	0.019	U	0.019	0.019	U	0.019	0.019	U	0.019	0.019	U	0.019
Benzene	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043	0.0043	U	0.0043
Carbon tetrachloride	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021	0.0021	U	0.0021
Chlorobenzene	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038	0.0038	U	0.0038
Chloroform	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033	0.0033	U	0.0033
Tetrachloroethene	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025	0.0025	U	0.0025
Trichloroethene	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031	0.0031	U	0.0031
Vinyl chloride	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017
Total Conc	0.0			0.0			0.0			0.0			0.0			0.0		

TCLP SUMMARY																	
Leachate Initial Amt	0.02463	Kg		0.02495	Kg		0.02531	Kg		0.02614	Kg		0.02512	Kg		0.02474	Kg
Leachate Final Amt	0.5	L		0.5	L		0.5	L		0.5	L		0.5	L		0.5	L
Leachate Final pH	5.33	SU		4.98	SU		5.28	SU		5.02	SU		5.27	SU		5.03	SU

U : Indicates the analyte was analyzed for
but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900



Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-B (0'-5')			WC-C		
Lab Sample ID	460-160980-1			460-160980-3			460-160980-5		
Sampling Date	07/19/2018 13:00:00			07/19/2018 11:55:00			07/19/2018 09:45:00		
Matrix	Soil			Soil			Soil		
Dilution Factor	5			1			1		
Unit	mg/kg			mg/kg			mg/kg		
SVOA-8270D-SOIL-TIC	Result	Q	RT mm:ss	Result	Q	RT mm:ss	Result	Q	RT mm:ss
SOIL TICS BY 8270D									
1-Isopropenyl-naphthalene	2.2	J N	06:00	NR			NR		
(E)-Stilbene	2.4	J N	06:22	NR			NR		
9H-Fluorene, 1-methyl-	NR			0.32	J N	06:22	NR		
9H-Fluoren-9-one	3.6	J N	06:31	0.63	J N	06:31	NR		
Dibenzothiophene	2.8	J N	06:35	0.47	J N	06:35	NR		
Indeno[2,1-a]indene, 5,10-dihydro-	NR			0.43	J N	06:54	NR		
Naphthalene, 1-phenyl-	2.6	J N	06:54	NR			NR		
Phenanthrene, 2-methyl-	12	J N	07:04	1.9	J N	07:04	NR		
4H-Cyclopenta[def]phenanthrene	NR			0.57	J N	07:08	NR		
Unknown	4.3	J	07:08	NR			NR		
Fluoranthene, 2-methyl-	NR			0.32	J N	08:00	NR		
Pyrene, 1-methyl-	2.4	J N	08:00	NR			NR		
Pyrene, 1-methyl-	NR			0.35	J N	08:05	NR		
Pyrene, 2-methyl-	2.9	J N	08:05	NR			NR		
Unknown	2.2	J	08:31	0.40	J	08:31	NR		
4H-Cyclopenta[def]phenanthrene	NR			NR			0.30	J N	09:14
Unknown	NR			0.38	J	09:33	NR		
Benzo[el]pyrene	3.1	J N	09:48	0.54	J N	09:48	NR		
Perylene	10	J N	09:59	1.8	J N	09:59	NR		
Unknown	3.4	J	10:15	0.52	J	10:15	NR		
Phenanthrene, 1-methyl-7-(1-methylethyl)-	NR			NR			0.37	J N	10:19
Unknown	2.5	J	10:22	0.41	J	10:22	NR		
Unknown	2.5	J	10:32	NR			NR		
Dibenzo[a,c]fluoren-13-one	NR			0.51	J N	10:59	NR		
Unknown	2.8	J	10:59	NR			NR		
Unknown	NR			NR			0.38	J	11:02
Indeno[1,2,3-cd]fluoranthene	3.6	J N	11:05	NR			NR		
Unknown	NR			0.67	J	11:05	NR		
1,2,7,8-Dibenzophenanthrene	2.6	J N	11:19	0.40	J N	11:19	NR		
1,2,4,5-Dibenzopyrene	3.4	J N	12:49	NR			NR		
3,4,8,9-Dibenzopyrene	NR			0.71	J N	12:49	NR		
1,2,4,5-Dibenzopyrene	NR			0.39	J N	12:55	NR		
3,4,9,10-Dibenzopyrene	2.4	J N	12:55	NR			NR		
3,4,9,10-Dibenzopyrene	NR			0.32	J N	12:58	NR		
Benzo[el]pyrene	NR			NR			0.51	J N	13:01
Benzo[b]triphenylene	NR			NR			0.40	J N	14:58

NR: Not Analyzed

RT mm:ss Retention Time in mm:ss format

J : Indicates an Estimated Value for TICs

N : This flag indicates the presumptive evidence of a compound.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-A (5'-10')			WC-B (0'-5')			WC-B (5'-10')			WC-C			WC-C 2		
Lab Sample ID	460-160980-1			460-160980-2			460-160980-3			460-160980-4			460-160980-5			460-160980-6		
Sampling Date	07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 11:55:00			07/19/2018 12:20:00			07/19/2018 09:45:00			07/19/2018 09:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
SVOA-8270D-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8270D																		
1,4-Dichlorobenzene	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013
2,4,5-Trichlorophenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
2,4,6-Trichlorophenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
2,4-Dinitrotoluene	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010	0.0010	U	0.0010
2-Methylphenol	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030	0.00030	U	0.00030
3 & 4 Methylphenol	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020	0.00020	U	0.00020
Hexachlorobenzene	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040	0.00040	U	0.00040
Hexachlorobutadiene	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080
Hexachloroethane	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012
Nitrobenzene	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060	0.00060	U	0.00060
Pentachlorophenol	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014
Pyridine	0.0019	U	0.0019	0.0019	U	0.0019	0.0019	U	0.0019	0.0019	U	0.0019	0.0019	U	0.0019	0.0019	U	0.0019
Total Conc	0.0			0.0			0.0			0.0			0.0			0.0		
TCLP SUMMARY																		
Leachate Initial Amt	0.10002	Kg		0.10007	Kg		0.10003	Kg		0.10001	Kg		0.10002	Kg		0.10009	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.37	SU		4.93	SU		5.13	SU		4.95	SU		5.11	SU		5.14	SU	

U : Indicates the analyte was analyzed for
but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-A (0'-5')	WC-A (5'-10')	WC-B (0'-5')	WC-B (5'-10')	WC-C										
Lab Sample ID	Recommended	Unrestricted	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Table 2	Table 3	460-160980-1	460-160980-2	460-160980-3	460-160980-4	460-160980-5										
Dilution Date	Soil Cleanup	Use Soil	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	07/19/2018 13:00:00	07/19/2018 13:00:00	07/19/2018 11:55:00	07/19/2018 12:00:00	07/19/2018 09:45:00										
Matrix	Objective	Objective	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria			Soil	Soil	Soil	Soil	Soil										
Dilution Factor											1	1	1	1	1										
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg										
GC/MS-A-30818-SOIL											Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 80818																									
4,4'-DDD	NA	0.0033	2.6	13	92	180	0.0033	14	NA	NA	0.0014	U	0.0014	0.0012	U	0.0012	0.0067	J	0.0012	0.0012	U	0.0012	0.0013	U	0.0013
4,4'-DDE	NA	0.0033	1.8	8.9	62	120	0.0033	17	NA	NA	0.00096	U	0.00096	0.00084	U	0.00084	0.0062	J	0.00084	0.00084	U	0.00084	0.00088	U	0.00088
4,4'-DDT	NA	0.0033	1.7	7.9	47	94	0.0033	136	NA	NA	0.011	0.0015	0.0013	U	0.0013	0.011	0.0013	0.0013	U	0.0013	0.0014	U	0.0014		
Aldrin	NA	0.005	0.019	0.097	0.68	1.4	0.14	0.19	NA	NA	0.0012	U	0.0012	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011
alpha-BHC	NA	0.02	0.097	0.48	3.4	6.8	0.04	0.02	NA	NA	0.00083	U	0.00083	0.00073	U	0.00073	0.00072	U	0.00072	0.00072	U	0.00072	0.00076	U	0.00076
Beta-BHC	NA	0.036	0.072	0.36	3	14	0.0091	0.09	NA	NA	0.00091	U	0.00091	0.00080	U	0.00080	0.00080	U	0.00080	0.00080	U	0.00080	0.00084	U	0.00084
Chlordane (technical)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020	U	0.020	0.017	U	0.017	0.017	U	0.017	0.017	U	0.017	0.018	U	0.018
delta-BHC	NA	0.04	100	100	500	1000	0.04	0.25	NA	NA	0.00050	U	0.00050	0.00044	U	0.00044	0.00044	U	0.00044	0.00043	U	0.00043	0.00048	U	0.00048
Dieldrin	NA	0.005	0.039	0.2	1.4	2.8	0.006	0.1	NA	NA	0.0011	U	0.0011	0.00093	U	0.00093	0.00092	U	0.00092	0.00092	U	0.00092	0.00097	U	0.00097
Endosulfan I	NA	2.4	4.8	24	200	520	NA	102	NA	NA	0.0012	U	0.0012	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011
Endosulfan II	NA	2.4	4.8	24	200	520	NA	102	NA	NA	0.0021	U	0.0021	0.0018	U	0.0018	0.0018	U	0.0018	0.0018	U	0.0018	0.0019	U	0.0019
Endosulfan sulfate	NA	2.4	4.8	24	200	520	NA	100	NA	NA	0.001	U	0.001	0.00080	U	0.00080	0.00089	U	0.00089	0.00089	U	0.00089	0.00094	U	0.00094
Endrin	NA	0.014	2.2	11	89	410	0.014	0.06	NA	NA	0.0012	U	0.0012	0.001	U	0.001	0.001	U	0.001	0.001	U	0.001	0.0011	U	0.0011
Endrin aldehyde	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019	U	0.0019	0.0017	U	0.0017	0.0017	U	0.0017	0.0017	U	0.0017	0.0018	U	0.0018
Endrin ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0016	U	0.0016	0.0014	U	0.0014	0.0014	U	0.0014	0.0014	U	0.0014	0.0015	U	0.0015
gamma-BHC (Lindane)	NA	0.1	0.28	1.3	9.2	23	0.0076	0.1	NA	NA	0.00076	U	0.00076	0.00066	U	0.00066	0.00066	U	0.00066	0.00066	U	0.00066	0.00069	U	0.00069
Heptachlor	NA	0.042	0.42	2.1	15	29	0.14	0.38	NA	NA	0.00096	U	0.00096	0.00084	U	0.00084	0.00084	U	0.00084	0.00084	U	0.00084	0.00088	U	0.00088
Heptachlor epoxide	NA	NA	0.077	NA	NA	NA	0.02	NA	NA	NA	0.0012	U	0.0012	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011
Methoxychlor	NA	NA	100	NA	NA	NA	1.2	900	NA	NA	0.0019	U	0.0019	0.0016	U	0.0016	0.0016	U	0.0016	0.0016	U	0.0016	0.0017	U	0.0017
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.029	U	0.029	0.026	U	0.026	0.026	U	0.026	0.026	U	0.026	0.027	U	0.027

Highlighted Concentrations shown in bold type face exceed limits

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U: Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-A (5'-10')			WC-B (0'-5')			WC-B (5'-10')			WC-C			WC-C 2		
Lab Sample ID	460-160980-1			460-160980-2			460-160980-3			460-160980-4			460-160980-5			460-160980-6		
Sampling Date	07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 11:55:00			07/19/2018 12:20:00			07/19/2018 09:45:00			07/19/2018 09:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
GCSVOA-8081B-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8081B																		
Chlordane (technical)	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055	0.000055	U	0.000055
Endrin	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040
gamma-BHC (Lindane)	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012	0.000012	U	0.000012
Heptachlor	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030	0.0000030	U	0.0000030
Heptachlor epoxide	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050	0.0000050	U	0.0000050
Methoxychlor	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040	0.0000040	U	0.0000040
Toxaphene	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011	0.00011	U	0.00011

TCLP SUMMARY																		
Leachate Initial Amt	0.10002	Kg		0.10007	Kg		0.10003	Kg		0.10001	Kg		0.10002	Kg		0.10009	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.37	SU		4.93	SU		5.13	SU		4.95	SU		5.11	SU		5.14	SU	

U : Indicates the analyte was analyzed for
but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-A (5'-5')	WC-A (5'-10')	WC-B (5'-5')	WC-B (5'-10')	WC-C
Lab Sample ID	Recommended	Unrestricted	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Table 2	Table 3	460-160980-1	460-160980-2	460-160980-3	460-160980-4	460-160980-5
Sampling Date	Soil Cleanup	Use Soil	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	07/19/2018 13:00:00	07/19/2018 13:15:00	07/19/2018 13:00:00	07/19/2018 13:15:00	07/19/2018 11:55:00	07/19/2018 12:20:00	07/19/2018 09:45:00
Matrix	Objective	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Dilution Factor										1	1	1	1	1	1	1
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GCSVOA-3082A-SOIL																
SOIL BY 8082A																
Aroclor 1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1268	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Aroclor 1282	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U
Total PCBs	NA	0.1	1	1	1	25	1	3.2	NA	NA	NA	0.011 U	0.011	0.0095 U	0.0094	0.010 U

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)460-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-A (5'-10')			WC-B (0'-5')			WC-B (5'-10')			WC-C			WC-C 2		
Lab Sample ID	460-160980-1			460-160980-2			460-160980-3			460-160980-4			460-160980-5			460-160980-6		
Sampling Date	07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 11:55:00			07/19/2018 12:20:00			07/19/2018 09:45:00			07/19/2018 09:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Dilution Factor	1			1			1			1			1			1		
Unit	mg/l			mg/l			mg/l			mg/l			mg/l			mg/l		
GCSVOA-8151A-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 8151A																		
2,4-D	0.0050	U *	0.0050	0.0050	U *	0.0050	0.0050	U *	0.0050	0.0050	U *	0.0050	0.0050	U *	0.0050	0.0050	U *	0.0050
Silvex (2,4,5-TP)	0.0040	U *	0.0040	0.0040	U *	0.0040	0.0040	U *	0.0040	0.0040	U *	0.0040	0.0040	U *	0.0040	0.0040	U *	0.0040

TCLP SUMMARY																		
Leachate Initial Amt	0.10002	Kg		0.10007	Kg		0.10003	Kg		0.10001	Kg		0.10002	Kg		0.10009	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.37	SU		4.93	SU		5.13	SU		4.95	SU		5.11	SU		5.14	SU	

* : LCS or LCSD is outside acceptance limits.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51	NY CP-51
Lab Sample ID	Recommended	Unrestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	Table 4	Table 5	Table 6	Table 7	Table 8	Table 9	Table 10	Table 11
Sampling Date	Soil Cleanup	Soil Cleanup	Residential	Residential	Residential	Residential	Residential	Residential	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria
Matrix	Objective	Cleanup	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria
Dilution Factor	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria	Criteria
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GC/MS,N,DEP EPH SOL																		
SOL 81 N,DEP EPH																		
C10-C12 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			12	U	12	2.1	U	2.1
C12-C16 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	U	2.4	NR			2.1	U	2.1
C12-C16 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			35	D	12	2.1	U	2.1
C18-C21 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	U	2.4	NR			2.1	U	2.1
C18-C21 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			250	D	12	2.1	U	2.1
C21-C26 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			550	D	12	2.1	U	2.1
C21-C40 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	U	2.4	NR			2.1	U	2.1
C21-C40 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	U	2.4	NR			2.1	U	2.1
Total Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	U	2.0	NR			2.0	U	2.0
Total Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	NA	910			NR			2.0	U	2.0
Total EDH	NA	NA	NA	NA	NA	NA	NA	NA	NA	910			NR			2.0	U	2.0

NR: Not Analyzed

D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Elizabeth Flannery

Project Manager I

(732)448-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC Recommended Soil Cleanup Objective	NY 375-6.8(a) Unrestricted Use Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 Residential Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 Restricted Residential Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 Commercial Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 Industrial Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 Ecological Resources Soil Cleanup Criteria	NY 375-6.8(b) & CP-51 T-1 GW Soil Cleanup Criteria	NY CP-51 Table 2 Criteria	NY CP-51 Table 3 Criteria	WC-A (8'-5') 460-160980-1 07/19/2018 13:15:00 Soil	WC-A (8'-10') 460-160980-2 07/19/2018 11:55:00 Soil	WC-B (8'-5') 460-160980-3 07/19/2018 12:20:00 Soil	WC-B (8'-10') 460-160980-4 07/19/2018 09:45:00 Soil	WC-C 460-160980-5 07/19/2018 09:45:00 Soil											
Unit																										
METALS-SOIL SOIL BY 6010(MG/KG)											Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	
Aluminum	NA	NA	NA	NA	NA	12200	10.8	14100	9.4	7020	14100	10.8	14100	9.4	6160	11.1	6500	11.1								
Antimony	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	0.85	U	0.85	0.74	U	0.74	0.75	U	0.75	0.88	U	0.88	0.88	U	0.88	
Arsenic	NA	13	NA	16	NA	13	NA	NA	NA	NA	9.0	0.86	2.5	0.75	2.5	0.75	1.1	J	0.88	2.5	J	0.88	2.5	J	0.88	
Barium	NA	350	350	400	400	10000	433	820	NA	NA	275	2.1	81.3	1.8	155	1.8	46.2	J	2.2	91.7	J	2.2	91.7	J	2.2	
Beryllium	NA	7.2	14	72	590	2700	10	47	NA	NA	0.71	0.085	1.6	0.074	0.53	0.074	0.30	J	0.088	0.38	J	0.088	0.38	J	0.088	
Cadmium	NA	2.5	2.5	4.3	9.3	40	4	7.5	NA	NA	0.28	J	0.13	0.11	U	0.11	0.15	J	0.13	0.13	U	0.13	0.44	J	0.13	
Calcium	NA	NA	NA	NA	NA	NA	10000	NA	NA	NA	20400	56.1	2230	48.8	7690	48.9	892	J	58.0	4730	J	58.0	4730	J	58.0	
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.1	0.34	26.5	0.29	16.6	0.30	11.2	0.35	15.4	J	0.35	15.4	J	0.35		
Cobalt	NA	NA	30	NA	NA	NA	20	NA	NA	NA	6.5	J	1.2	9.2	1.0	9.7	J	1.0	5.0	J	1.2	5.5	J	1.2		
Copper	NA	50	270	270	270	10000	50	1720	NA	NA	45.4	2.5	49.7	2.2	21.2	2.2	10.9	J	2.6	92.1	J	2.6	92.1	J	2.6	
Iron	NA	NA	2000	NA	NA	NA	NA	NA	NA	NA	20400	14.0	27400	12.2	17300	12.2	13400	14.5	15000	14.5						
Lead	NA	63	400	400	1000	3900	63	450	NA	NA	1160	0.50	11.0	0.43	195	0.43	4.6	0.51	148	0.52						
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2830	55.5	5550	48.3	2410	48.4	1360	57.4	2610	57.4						
Manganese	NA	1600	2000	2000	10000	10000	1600	2000	NA	NA	406	0.33	452	0.29	324	0.29	349	0.34	322	0.34						
Nickel	NA	30	140	310	310	10000	30	130	NA	NA	16.2	0.70	20.5	0.61	18.5	0.61	14.0	0.72	16.5	0.72						
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	933	J	99.2	2450	51.5	1010	51.7	639	J	61.2	794	J	61.3	794	J	61.3
Selenium	NA	3.9	36	180	1500	6800	3.9	4	NA	NA	2.3	U	2.3	2.0	U	2.0	2.0	U	2.4	U	2.4	U	2.4	U	2.4	
Silver	NA	2	36	180	1500	6800	2	8.3	NA	NA	0.18	U	0.18	0.16	U	0.16	0.18	U	0.19	U	0.19	U	0.19	U	0.19	
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193	J	76.5	136	J	66.6	101	J	66.8	79.1	J	66.8	79.1	J	66.8	
Thallium	NA	NA	NA	NA	NA	NA	5	NA	NA	NA	0.61	U	0.61	0.53	U	0.53	0.53	U	0.63	U	0.63	0.63	U	0.63		
Vanadium	NA	NA	100	NA	NA	NA	39	NA	NA	NA	25.2	0.63	36.1	0.55	24.1	0.59	20.0	0.65	20.9	0.65						
Zinc	NA	109	2200	10000	10000	10000	109	2480	NA	NA	287	4.4	63.6	3.9	107	3.9	21.3	4.6	174	4.6						
SOIL BY 7471B(MG/KG)																										
Mercury	NA	0.18	0.81	0.81	2.8	5.7	0.18	0.73	NA	NA	0.86	0.012	0.035	0.0099	0.49	0.010	0.0097	U	0.0097	0.49	0.011					

Highlighted Concentrations shown in bold type face exceed limits

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

**SUMMARY OF ANALYTICAL RESULTS: 460-160980-1**

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	WC-A (0'-5')			WC-A (5'-10')			WC-B (0'-5')			WC-B (5'-10')			WC-C			WC-C 2		
Lab Sample ID	460-160980-1			460-160980-2			460-160980-3			460-160980-4			460-160980-5			460-160980-6		
Sampling Date	07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 11:55:00			07/19/2018 12:20:00			07/19/2018 09:45:00			07/19/2018 09:45:00		
Matrix	TCLP			TCLP			TCLP			TCLP			TCLP			TCLP		
Unit																		
METALS-TCLP	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
TCLP BY 6010D(UG/L)																		
Arsenic	19.1	J	13.3	13.3	U	13.3	13.3	U	13.3	13.3	U	13.3	13.3	U	13.3	13.3	U	13.3
Barium	411	J	38.4	443	J	38.4	951	J	38.4	560	J	38.4	988	J	38.4	950	J	38.4
Beryllium	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2
Cadmium	1.9	J	1.1	1.1	U	1.1	1.8	J	1.1	1.1	U	1.1	4.4	J	1.1	5.0	J	1.1
Chromium	7.6	J	6.3	6.3	U	6.3	6.3	U	6.3	6.7	J	6.3	6.3	U	6.3	6.3	U	6.3
Copper	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5	25.5	U	25.5	41.2	J	25.5	54.5	J	25.5
Lead	655		12.3	13.2	J	12.3	188		12.3	13.1	J	12.3	1140		12.3	2030		12.3
Nickel	14.4	J B	8.5	24.1	J B	8.5	9.1	J B	8.5	21.4	J B	8.5	43.4	J B	8.5	52.6	J B	8.5
Selenium	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0	33.0	U	33.0
Silver	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4
Zinc	428		18.1	37.3	J B	18.1	146	J B	18.1	61.8	J B	18.1	711	B	18.1	806	B	18.1
TCLP BY 7470A(UG/L)																		
Mercury	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.47		0.12
TCLP SUMMARY																		
Leachate Initial Amt	0.10002	Kg		0.10007	Kg		0.10003	Kg		0.10001	Kg		0.10002	Kg		0.10009	Kg	
Leachate Final Amt	2	L		2	L		2	L		2	L		2	L		2	L	
Leachate Final pH	5.37	SU		4.93	SU		5.13	SU		4.95	SU		5.11	SU		5.14	SU	

B : Compound was found in the blank and sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-A (0'-5')	WC-A (5'-10')	WC-B (0'-5')	WC-B (5'-10')	WC-C
Lab Sample ID	Recommended	Unrestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160980-1	460-160980-2	460-160980-3	460-160980-4	460-160980-5
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria	Criteria	07/19/2018 13:00:00	07/19/2018 13:15:00	07/19/2018 11:55:00	07/19/2018 12:20:00	07/19/2018 09:45:00
Matrix	Objective	Cleanup	Criteria	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	Soil	Soil	Soil	Soil	Soil
WETCHEM SOIL																
SOIL BY 1030																
Burn Rate (mm/sec)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Result Q MDL	Result Q MDL	Result Q MDL	Result Q MDL	Result Q MDL
												2.20 U	2.20	2.20	2.20	2.20
SOIL BY 7196A																
Cr (V) (mg/kg)	NA	1	22	110	400	800	1	19	NA	NA	NA	0.64 U	0.64	0.57 U	0.57	0.59 U
SOIL BY 9012B																
Cyanide, Total (mg/kg)	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18 J	0.074	0.068 J	0.067	0.094 J
SOIL BY 9014																
Cyanide, Reactive (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.0 U	25.0	25.0 U	25.0	25.0
SOIL BY 9034																
Sulfide, Reactive (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0 U	20.0	20.0 U	20.0	20.0
SOIL BY 9045D																
Corrosivity (su)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.8 HF	7.7 HF	8.2 HF	7.9 HF	8.3 HF
pH (su)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.8 HF	7.7 HF	8.2 HF	7.9 HF	8.3 HF
SOIL BY 9095B																
Free Liquid (ml/100g)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.500 U	0.500	0.500 U	0.500	NR

NR: Not Analyzed

F1: MS and/or MSD Recovery is outside acceptance limits.

HF: Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U: Indicates the analyte was analyzed for but not detected.

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828



SUMMARY OF ANALYTICAL RESULTS: 460-160980-1

Job Description: 651 Gates Avenue

For:

Equity Environmental Engineering, LLC

500 International Dr.

Mt. Olive, New Jersey 07828

Client ID	NY NYSDEC	NY 375-6.8(a)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY 375-6.8(b)	NY CP-51	NY CP-51	WC-A (0'-5')			WC-A (0'-5')			WC-A (8'-10')			WC-A (5'-10')		
Lab Sample ID	Recommended	UnRestricted	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	& CP-51 T-1	Table 2	Table 3	460-160980-1			460-160980-1			460-160980-2			460-160980-2		
Sampling Date	Soil Cleanup	Use Soil	Residential	Restricted Residential	Commercial	Industrial	Ecological Resources	GW	Criteria	Criteria	Criteria	07/19/2018 13:00:00			07/19/2018 13:00:00			07/19/2018 13:15:00			07/19/2018 13:15:00		
Matrix	Objective	Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Soil Cleanup	Criteria	Criteria	Criteria	Soil			Soil			Soil			Soil		
Dilution Factor												1			1			1			1		
Unit	%	%	%	%	%	%	%	%	%	%	%	% passing			% passing			% passing			% passing		
SOIL BY D422												Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.7			NR			4.9			NR		
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.0			NR			5.6			NR		
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.7			NR			24.5			NR		
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.0			NR			36.7			NR		
Hydrometer Reading 1 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			25.4			NR			10.7		
Hydrometer Reading 2 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			20.4			NR			8.8		
Hydrometer Reading 3 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			16.2			NR			7.8		
Hydrometer Reading 4 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			14.1			NR			6.8		
Hydrometer Reading 5 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			12.7			NR			4.9		
Hydrometer Reading 6 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			9.0			NR			3.7		
Hydrometer Reading 7 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			6.0			NR			1.5		
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.8			NR			20.0			NR		
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.5			NR			50.1			NR		
Sieve Size #10 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			78.0			NR			57.7		
Sieve Size #100 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			44.1			NR			19.6		
Sieve Size #20 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			73.5			NR			50.2		
Sieve Size #200 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			37.5			NR			13.2		
Sieve Size #4 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			82.0			NR			63.3		
Sieve Size #40 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			64.2			NR			37.7		
Sieve Size #60 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			52.4			NR			26.1		
Sieve Size #80 - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			46.6			NR			20.9		
Sieve Size 0.375 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			92.3			NR			73.0		
Sieve Size 0.75 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			100.0			NR			100.0		
Sieve Size 1 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			100.0			NR			100.0		
Sieve Size 1.5 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			100.0			NR			100.0		
Sieve Size 2 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			100.0			NR			100.0		
Sieve Size 3 inch - Percent Finer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR			100.0			NR			100.0		
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.8			NR			8.3			NR		

NR: Not Analyzed

Lab Contact:
Elizabeth Flannery
Project Manager I
(732)549-3900

Hazelton Creek Properties Waste Class Sampling

SGS Dayton, NJ

May 23, 2019 16:20 pm

Job Number: JCB7756
Account: LNTBIV, Inc.
Project: 645 Gates Avenue, Brooklyn, NY
Project Number:
Results flagged as "Exceed" if any of the selected criteria exceeded (most stringent).

Client Sample ID:	NY SCO - Unrestricted Use (NYCRR 374.4 (1206))	NY SCO - Residential w/CP-51 (10/10) (NYCRR 374.4 (1206))	NY SCO - Restricted Residential w/CP-41 (10/10) (NYCRR 375.4 (1206))	NJ Non- Residential Direct Contact Soil (NJAC 7: 26D 918/17)	NJ Residential Direct Contact Soil (NJAC 7: 26D 918/17)	PA Clean Fill Guidance - Tables PP-1a,1b, (PADEP 120007)	PA Required Fill Guidance - Tables GP-1a,1b, (PADEP 120007)	A-COMP	A-GRAB	B-COMP	B-GRAB	C-COMP	C-GRAB	D-COMP	D-GRAB	E-COMP	E-GRAB	F-COMP	F-GRAB	A-LEAD@10'-1"	A-LEAD@10'-1"
								JCB7756-1	JCB7756-2	JCB7756-3	JCB7756-4	JCB7756-5	JCB7756-6	JCB7756-7	JCB7756-8	JCB7756-9	JCB7756-10	JCB7756-11	JCB7756-12	JCB7756-13	JCB7756-13A
Date Sampled:	5/8/2019	5/8/2019	5/8/2019	5/8/2019	5/8/2019	5/8/2019	5/8/2019	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil

MS Volatiles (SW646 6200C)																					
Acetone	ug/kg	50	100000	100000	NA	70000000	41000	1100000	-	ND (4.5)	-	ND (5.3)	-	ND (4.6)	-	ND (4.2)	-	5.1 J	-	ND (5.1)	-
Benzene	ug/kg	60	2600	4800	5000	2000	130	130	-	ND (0.51)	-	ND (0.60)	-	ND (0.52)	-	ND (0.48)	-	ND (0.42)	-	ND (0.58)	-
Bromochloromethane	ug/kg	-	-	-	-	3000	1600	1600	-	ND (0.63)	-	ND (0.74)	-	ND (0.64)	-	ND (0.59)	-	ND (0.51)	-	ND (0.71)	-
Bromodichloromethane	ug/kg	-	-	-	-	3000	1600	1600	-	ND (0.50)	-	ND (0.59)	-	ND (0.50)	-	ND (0.47)	-	ND (0.40)	-	ND (0.56)	-
Bromofom	ug/kg	-	-	-	280000	81000	4400	4400	-	ND (0.65)	-	ND (0.76)	-	ND (0.66)	-	ND (0.61)	-	ND (0.53)	-	ND (0.73)	-
Bromomethane	ug/kg	-	-	-	80000	25000	540	540	-	ND (1.1)	-	ND (1.3)	-	ND (1.1)	-	ND (1.1)	-	ND (0.91)	-	ND (1.3)	-
2-Butanone (MEK)	ug/kg	120	100000	100000	44000000	3100000	54000	110000	-	ND (14.2)	-	ND (14.9)	-	ND (14.3)	-	ND (13.9)	-	ND (13.4)	-	ND (4.7)	-
n-Butylbenzene	ug/kg	12000	100000	100000	-	-	960000	2600000	-	ND (0.46)	-	ND (0.54)	-	ND (0.46)	-	ND (0.43)	-	ND (0.37)	-	ND (0.52)	-
sec-Butylbenzene	ug/kg	11000	100000	100000	-	-	350000	990000	-	ND (0.48)	-	ND (0.57)	-	ND (0.49)	-	ND (0.45)	-	ND (0.39)	-	ND (0.54)	-
tert-Butylbenzene	ug/kg	5800	100000	100000	-	-	270000	740000	-	ND (0.46)	-	ND (0.56)	-	ND (0.57)	-	ND (0.53)	-	ND (0.46)	-	ND (0.63)	-
Carbon disulfide	ug/kg	-	-	-	1100000000	7800000	160000	350000	-	ND (1.0)	-	ND (1.2)	-	ND (1.1)	-	ND (0.96)	-	ND (0.85)	-	ND (1.2)	-
Carbon tetrachloride	ug/kg	760	1400	2400	4000	2000	260	260	-	ND (0.89)	-	ND (0.82)	-	ND (0.70)	-	ND (0.65)	-	ND (0.58)	-	ND (0.78)	-
Chlorobenzene	ug/kg	1100	100000	100000	7400000	510000	6100	6100	-	ND (0.51)	-	ND (0.61)	-	ND (0.52)	-	ND (0.48)	-	ND (0.42)	-	ND (0.58)	-
Chloroethane	ug/kg	-	-	-	1100000	220000	5000	19000	-	ND (0.96)	-	ND (0.78)	-	ND (0.87)	-	ND (0.82)	-	ND (0.54)	-	ND (0.75)	-
Chloroform	ug/kg	370	10000	49000	2000	600	2500	2500	-	ND (0.55)	-	ND (0.65)	-	ND (0.56)	-	ND (0.52)	-	ND (0.45)	-	ND (0.62)	-
Chloromethane	ug/kg	-	-	-	12000	4000	38	38	-	ND (0.22)	-	ND (0.26)	-	ND (0.21)	-	ND (0.21)	-	ND (0.18)	-	ND (0.23)	-
Cyclohexane	ug/kg	-	-	-	-	-	-	-	-	ND (0.74)	-	ND (0.87)	-	ND (0.75)	-	ND (0.69)	-	ND (0.60)	-	ND (0.83)	-
1,2-Dibromo-3-chloropropane	ug/kg	-	-	-	200	80	9.2	9.2	-	ND (0.94)	-	ND (1.1)	-	ND (0.95)	-	ND (0.88)	-	ND (0.76)	-	ND (1.1)	-
Dibromochloromethane	ug/kg	-	-	-	8000	3000	3000	3000	-	ND (0.63)	-	ND (0.74)	-	ND (0.64)	-	ND (0.59)	-	ND (0.51)	-	ND (0.71)	-
1,3-Dibromomethane	ug/kg	-	-	-	40	1.3	1.2	1.2	-	ND (0.47)	-	ND (0.56)	-	ND (0.48)	-	ND (0.44)	-	ND (0.38)	-	ND (0.53)	-
1,2-Dichlorobenzene	ug/kg	1100	100000	100000	59000000	5300000	59000	59000	-	ND (0.61)	-	ND (0.72)	-	ND (0.62)	-	ND (0.58)	-	ND (0.50)	-	ND (0.69)	-
1,3-Dichlorobenzene	ug/kg	2400	17000	40000	5900000	5300000	61000	61000	-	ND (0.56)	-	ND (0.66)	-	ND (0.56)	-	ND (0.52)	-	ND (0.45)	-	ND (0.63)	-
1,4-Dichlorobenzene	ug/kg	1800	8000	18000	13000	5000	10000	10000	-	ND (0.55)	-	ND (0.65)	-	ND (0.56)	-	ND (0.52)	-	ND (0.45)	-	ND (0.63)	-
Dichlorodifluoromethane	ug/kg	-	-	-	2300000000	480000	100000	100000	-	ND (0.81)	-	ND (0.96)	-	ND (0.83)	-	ND (0.77)	-	ND (0.66)	-	ND (0.92)	-
1,1-Dichloroethane	ug/kg	270	18000	26000	24000	8000	850	2700	-	ND (0.55)	-	ND (0.65)	-	ND (0.56)	-	ND (0.52)	-	ND (0.45)	-	ND (0.63)	-
1,2-Dichloroethane	ug/kg	20	2300	3100	3000	100	100	100	-	ND (0.53)	-	ND (0.63)	-	ND (0.53)	-	ND (0.50)	-	ND (0.43)	-	ND (0.63)	-
1,1-Dichloroethene	ug/kg	330	18000	150000	150000	11000	190	190	-	ND (0.73)	-	ND (0.87)	-	ND (0.75)	-	ND (0.69)	-	ND (0.60)	-	ND (0.83)	-
cis-1,2-Dichloroethene	ug/kg	250	59000	100000	560000	230000	1800	1800	-	ND (0.84)	-	ND (1.1)	-	ND (0.96)	-	ND (0.89)	-	ND (0.77)	-	ND (1.1)	-
trans-1,2-Dichloroethene	ug/kg	150	10000	10000	720000	30000	2300	2300	-	ND (0.84)	-	ND (0.81)	-	ND (0.86)	-	ND (0.84)	-	ND (0.83)	-	ND (0.87)	-
1,2-Dichloropropene	ug/kg	-	-	-	5000	2000	110	110	-	ND (0.53)	-	ND (0.63)	-	ND (0.54)	-	ND (0.50)	-	ND (0.43)	-	ND (0.60)	-
cis-1,3-Dichloropropene	ug/kg	-	-	-	7000	2000	-	-	-	ND (0.53)	-	ND (0.63)	-	ND (0.54)	-	ND (0.50)	-	ND (0.43)	-	ND (0.60)	-
trans-1,3-Dichloropropene	ug/kg	-	-	-	7000	2000	-	-	-	ND (0.51)	-	ND (0.60)	-	ND (0.52)	-	ND (0.48)	-	ND (0.42)	-	ND (0.58)	-
Ethylbenzene	ug/kg	1000	30000	41000	110000000	7800000	46000	46000	-	ND (0.62)	-	ND (0.73)	-	ND (0.63)	-	ND (0.58)	-	ND (0.50)	-	ND (0.70)	-
Freon 113	ug/kg	-	-	-	-	-	28000000	53000000	-	ND (1.1)	-	ND (1.3)	-	ND (1.1)	-	ND (1.1)	-	ND (0.92)	-	ND (1.3)	-
2-Heptanone	ug/kg	-	-	-	-	-	780000	1600000	-	ND (0.41)	-	ND (0.48)	-	ND (0.41)	-	ND (0.38)	-	ND (0.31)	-	ND (0.51)	-
Isopropylbenzene	ug/kg	-	-	-	-	-	-	-	-	ND (0.78)	-	ND (0.92)	-	ND (0.79)	-	ND (0.73)	-	ND (0.64)	-	ND (0.88)	-
p-Propyltoluene	ug/kg	-	-	-	-	-	-	-	-	ND (0.44)	-	ND (0.52)	-	ND (0.45)	-	ND (0.42)	-	ND (0.36)	-	ND (0.50)	-
Methyl Acetate	ug/kg	-	-	-	NA	78000000	690000	1900000	-	ND (11.0)	-	ND (11.8)	-	ND (11.0)	-	ND (10.6)	-	ND (10.3)	-	ND (11.3)	-
Methylcyclohexane	ug/kg	-	-	-	-	-	-	-	-	ND (0.98)	-	ND (1.2)	-	ND (1.0)	-	ND (0.92)	-	ND (0.80)	-	ND (1.1)	-
Methyl Tert Butyl Ether	ug/kg	930	62000	100000	320000	110000	280	280	-	ND (0.53)	-	ND (0.62)	-	ND (0.53)	-	ND (0.49)	-	ND (0.43)	-	ND (0.59)	-
4-Methyl-2-pentanol (MIBK)	ug/kg	-	-	-	-	-	-	-	-	ND (1.5)	-	ND (1.6)	-	ND (1.5)	-	ND (1.4)	-	ND (1.1)	-	ND (1.6)	-
Methylene chloride	ug/kg	50	51000	100000	230000	46000	76	76	-	2.1 J	-	2.1 J	-	1.9 J	-	1.9 J	-	ND (0.91)	-	ND (2.3)	-
Naphthalene	ug/kg	12000	100000	100000	17000	6000	25000	25000	-	31	-	ND (0.67)	-	ND (0.58)	-	ND (0.54)	-	ND (0.46)	-	ND (0.64)	-
n-Propylbenzene	ug/kg	3900	10000	100000	-	-	290000	780000	-	ND (0.53)	-	ND (0.62)	-	ND (0.53)	-	ND (0.50)	-	ND (0.43)	-	ND (0.60)	-
Styrene	ug/kg	-	-	-	260000	90000	24000	24000	-	ND (0.64)	-	ND (0.76)	-	ND (0.65)	-	ND (0.61)	-	ND (0.54)	-	ND (0.78)	-
1,1,2,2-Tetrachloroethane	ug/kg	-	-	-	35000	3000	1000	9.3	-	ND (0.87)	-	ND (0.79)	-	ND (0.68)	-	ND (0.63)	-	ND (0.55)	-	ND (0.76)	-
Tetrachloroethene	ug/kg	1500	5500	19000	1500000	43000	2400	4200	-	ND (0.65)	-	ND (0.77)	-	ND (0.66)	-	ND (0.61)	-	ND (0.53)	-	ND (0.74)	-
Toluene	ug/kg	700	100000	100000	9100000	6300000	44000	44000	-	ND (0.59)	-	ND (0.69)	-	ND (0.59)	-	ND (0.54)	-	ND (0.46)	-	ND (0.67)	-
1,2,3-Trichlorobenzene	ug/kg	-	-	-	-	-	-	-	-	ND (2.2)	-	ND (2.6)	-	ND (2.2)	-	ND (2.0)	-	ND (1.8)	-	ND (2.4)	-
1,2,4-Trichlorobenzene	ug/kg	-	-	-	85000	7000	27000	27000	-	ND (1.7)	-	ND (2.0)	-	ND (1.7)	-	ND (1.6)	-	ND (1.4)	-	ND (1.9)	-
1,1,1-Trichloroethane	ug/kg	680	100000	100000	NA	160000000	7200	7200	-	ND (0.54)	-	ND (0.64)	-	ND (0.55)	-	ND (0.51)	-	ND (0.43)	-	ND (0.61)	-
1,1,2-Trichloroethane	ug/kg	-	-	-	6000	2000	150	150	-	ND (0.82)	-	ND (0.73)	-	ND (0.63)	-	ND (0.58)	-	ND (0.51)	-	ND (0.70)	-
Trichlorofluoromethane	ug/kg	470	10000	21000	10000	3000	170	170	-	ND (0.85)	-	ND (1.0)	-	ND (0.87)	-	ND (0.80)	-	ND (0.70)	-	ND (0.97)	-
Trichlorobenzene	ug/kg	-	-	-	340000000	2300000	87000	87000	-	ND (1.2)	-	ND (1.7)	-	ND (0.81)	-	ND (0.72)	-	ND (0.62)	-	ND (1.0)	-
1,2,4-Trimethylbenzene	ug/kg	3600	47000	52000	-	-	9000	20000	-	ND (0.71)	-	ND (0.84)	-	ND (0.72)	-	ND (0.67)	-	ND (0.58)	-	ND (0.80)	-
1,3,5-Trimethylbenzene	ug/kg	8400	47000	52000	-	-	2600	6000	-	ND (0.48)	-	ND (0.57)	-	ND (0.49)	-	ND (0.45)	-	ND (0.39)	-	ND (0.55)	-
Vinyl chloride	ug/kg	20	30	900	2000	700	27	27	-	ND (0.44)	-	ND (0.54)	-	ND (0.45)	-	ND (0.41)	-	ND (0.34)	-	ND (0.47)	-
m,p-Xylene	ug/kg	260	100000	100000	170000000	12000000	960000	990000	-	ND (1.0)	-	ND (1.2)	-	ND (1.0)	-	ND (0.94)	-	ND (0.82)	-	ND (1.1)	-
o-Xylene	ug/kg	260	100000	100000	170000000	12000000	960000	990000	-	ND (0.85)	-	ND (0.77)	-	ND (0.66)	-	ND (0.61)	-	ND (0.53)	-	ND (0.74)	-
Xylene (total)	ug/kg	260	100000	100000	170000000	12000000	960000	990000	-	ND (0.85)	-	ND (0.77)	-	ND (0.66)	-	ND (0.61)	-	ND (0.53)	-	ND (0.74)	-

GC/LC Semi-volatiles (NJDEP EPH)																				
EPH (C9-C28)	mg/kg	-	-	-	-	-	-	-	-	60.5	-	ND (2.4)	-	ND (2.1)	-	ND (2.1)	-	20.7	-	ND (2.3)
EPH (C28-C40)	mg/kg	-	-	-	-	-	-	-	-	73.6	-	ND (2.4)	-	ND (2.1)	-	ND (2.1)	-	17.6	-	ND (2.3)
Total EPH (C9-C40)	mg/kg	-	-	-	-	-	-	-	-	134	-	ND (2.4)	-	ND (2.1)	-	ND (2.1)	-	38.5	-	ND (2.3)

GC/LC Semi-volatiles (SW846 8081B)																			
Aldrin	ug/kg	5	19	97	200	40	100	440	ND (0.37)	-	ND (0.37)	-	ND (0.56)	-	ND (0.56)	-	ND (0.54)	-	ND (0.63)
alpha-BHC	ug/kg	20	97	480	500	100	46	180	ND (0.56)	-	ND (0.56)	-	ND (0.55)	-	ND (0.55)	-	ND (0.53)	-	ND (0.62)
beta-BHC	ug/kg	36	72	360	2000	400	220	820	ND (0.62)	-	ND (0.63)	-	ND (0.61)	-	ND (0.61)	-	ND (0.59)	-	ND (0.69)
gamma-BHC	ug/kg	40	100000	100000	-	-	11000	30000	ND (0.66)	-	ND (0.67)	-	ND (0.65)	-	ND (0.65)	-	ND (0.63)	-	ND (0.73)
gamma-BHC (Lindane)	ug/kg	100	280	1300	2000	400	72	72	ND (0.51)	-	ND (0.51)	-	ND (0.50)	-	ND (0.50)	-	ND (0.48)	-	ND (0.56)
alpha-Chlordane	ug/kg	84	810	4200	1000	200	-	-	ND (0.56)	-	ND (0.56)	-	ND (0.55)	-	ND (0.55)	-	ND (0.53)	-	ND (0.61)
gamma-Chlordane	ug/kg	540	-	-	1000	200	-	-	ND (0.31)	-	ND (0.31)	-	ND (0.31)	-	ND (0.31)	-	ND (0.30)	-	ND (0.34)
Dieldrin	ug/kg	5	39	200	200	40	110	440	ND (0.47)	-	ND (0.48)	-	ND (0.47)	-	ND (0.48)	-	ND (0.45)	-	ND (0.52)
1,4'-DDD	ug/kg	3.3	2600	13000	13000	3000	6800	30000	ND (0.63)	-	ND (0.64)	-	ND (0.62)	-	ND (0.62)	-	ND (0.60)	-	ND (0.70)
1,4'-DDE	ug/kg	3.3	1800	8600	8000	2000	41000	170000	ND (0.60)	-	ND (0.61)	-	ND (0.59)	-	ND (0.59)	-	ND (0.57)	-	-
1,4'-DDT	ug/kg	3.3	1700	7900	8000	2000	53000	230000	ND (0.61)	-	ND (0.62)	-	ND (0.60)	-	ND (0.60)	-	ND (0.58)	-	ND (0.67)
Endrin	ug/kg	14	2200	11000	340000	23000	5500	5500	ND (0.54)	-	ND (0.54)	-	ND (0.53)	-	ND (0.52)	-	ND (0.51)	-	ND (0.59)
Endosulfan sulfate	ug/kg	2400	4800	24000	6800000	470000	70000	70000	ND (0.54)	-	ND (0.54)	-	ND (0.53)	-	ND (0.53)	-	ND (0.51)	-	ND (0.59)
Endrin aldehyde	ug/kg	-	-	-	-	-	-	-	ND (0.39)	-	ND (0.39)	-	ND (0.38)	-	ND (0.38)	-	ND (0.37)	-	ND (0.43)
Endosulfan-I	ug/kg	2400	4800	24000	6800000	470000	110000	260000	ND (0.40)	-	ND (0.40)	-	ND (0.39)	-	ND (0.39)	-	ND (0.38)	-	ND (0.44)
Endosulfan-II	ug/kg	2400	4800	24000	6800000	470000	130000	260000	ND (0.43)	-	ND (0.43)	-	ND (0.42)	-	ND (0.42)	-	ND (0.41)	-	ND (0.47)
Heptachlor	ug/kg	42	420	2100	700	100	480	60	ND (0.59)	-	ND (0.59)	-	ND (0.58)	-	ND (0.58)	-	ND (0.56)	-	ND (0.65)
Heptachlor epoxide	ug/kg	-	77	300	70	1100	1100	1100	ND (0.48)	-	ND (0.49)	-	ND (0.48)	-	ND (0.47)	-	ND (0.46)	-	ND (0.53)
Methoxychlor	ug/kg	-	100000	-	5700000	390000	630000	630000	ND (0.55)	-	ND (0.55)	-	ND (0.54)	-	ND (0.54)	-	ND (0.52)	-	ND (0.60)
Endrin ketone	ug/kg	-	-	-	-	-	-	-	ND (0.50)	-	ND (0.50)	-	ND (0.49)	-	ND (0.49)	-	ND (0.47)	-	ND (0.55)
Toxaphene	ug/kg	-	-	-	3000	600	1200	1200	ND (16)	-	ND (16)	-	ND (16)	-	ND (16)	-	ND (15)	-	ND (18)

GC/LC Semi-volatiles (SW846 8082A)																			
Aroclor 1016	ug/kg	100	1000	1000	1000	200	19000	200000	ND (19)	-	ND (19)	-	ND (15)	-	ND (15)	-	ND (15)	-	ND (16)
Aroclor 1221	ug/kg	100	1000	1000	1000	200	630	2500	ND (17)	-	ND (18)	-	ND (16)	-	ND (16)	-	ND (17)	-	ND (18)
Aroclor 1232	ug/kg	100	1000	1000	1000	200	500	2000	ND (26)	-	ND (26)	-	ND (25)	-	ND (25)	-	ND (25)	-	ND (29)
Aroclor 1242	ug/kg	100	1000	1000	1000	200	16000	82000	ND (14)	-	ND (14)	-	ND (13)	-	ND (14)	-	ND (13)	-	ND (16)
Aroclor 1248	ug/kg	100	1000	1000	1000	200	44000	44000	ND (30)	-	ND (31)	-	ND (29)	-	ND (31)	-	ND (29)	-	ND (34)
Aroclor 1254	ug/kg	100	1000	1000	1000	200	4400	44000	ND (18)	-	ND (19)	-	ND (17)	-	ND (18)	-	ND (18)	-	ND (20)
Aroclor 1260	ug/kg	100	1000	1000	1000	200	30000	130000	ND (14)	-	ND (15)	-	ND (14)	-	ND (15)	-	ND (14)	-	ND (16)
Aroclor 1268	ug/kg	100	1000	1000	1000	200	1000	1000	ND (14)	-	ND (14)	-	ND (14)	-	ND (14)	-	ND (14)	-	ND (16)
Aroclor 1262	ug/kg	100	1000	1000	1000	200	-	-	ND (22)	-	ND (23)	-	ND (21)	-	ND (22)	-	ND (21)	-	ND (25)

GC/LC Semi-volatiles (SW846 8151A)																			
2,4-D	ug/kg	-	100000	-	-	-	1800	1800	ND (4.3)	-	ND (4.4)	-	ND (4.3)	-	ND (4.1)	-	ND (4.4)	-	ND (4.8)
2,4,5-TP (Silvex)	ug/kg	3800	5800	100000	-	-	22000	22000	ND (3.1)	-	ND (3.1)	-	ND (3.1)	-	ND (2.9)	-	ND (3.1)	-	ND (3.4)
2,4,5-T	ug/kg	-	100000	-	-	-	1500	1500	ND (2.8)	-	ND (2.8)	-	ND (2.8)	-	ND (2.8)	-	ND (2.8)	-	ND (3.1)
Dalapon	ug/kg	-	-	-	-	-	5300	5300	ND (3.1)	-	ND (3.1)	-	ND (3.1)	-	ND (2.9)	-	ND (3.1)	-	ND (3.4)
Dicamba	ug/kg	-	-	-	-	-	-	-	ND (2.8)	-	ND (2.8)	-	ND (2.8)	-	ND (2.6)	-	ND (2.8)	-	ND (3.0)
Dichloroprop	ug/kg	-	-	-	-	-	-	-	ND (13)	-	ND (13)	-	ND (13)	-	ND (12)	-	ND (13)	-	ND (14)
Dinoseb	ug/kg	-	-	-	-	-	290	290	ND (8.3)	-	ND (8.3)	-	ND (8.2)	-	ND (7.8)	-	ND (8.4)	-	ND (8.1)
MCPA	ug/kg	-	-	-	-	-	-	-	ND (310)	-	ND (310)	-	ND (310)	-	ND (290)	-	ND (310)	-	ND (340)
MCPP	ug/kg	-	-	-	-	-	-	-	ND (510)	-	ND (510)	-	ND (510)	-	ND (490)	-	ND (520)	-	ND (560)
Pentachlorophenol	ug/kg	800	2400	6700	3000	900	5000	5000	ND (0.96)	-	ND (0.96)	-	ND (0.95)	-	ND (0.91)	-	ND (0.98)	-	ND (1.1)
2,4-DB	ug/kg	-	-	-	-	-	-	-	ND (12)	-	ND (12)	-	ND (12)	-	ND (12)	-	ND (12)	-	ND (13)

Metals Analysis																			
Aluminum	mg/kg	-	-	-	NA	78000	-	180000	6120	-	9170	-	8550	-	7670	-	7910	-	6270
Antimony	mg/kg	-	-	-	450	31	27	27	<2.0	-	<2.1	-	<2.1	-	<2.1	-	<2.1	-	<2.4
Arsenic	mg/kg	13	16	16	19	53	19	53	2.7	-	4.3	-	2.6	-	3.6	-	3	-	2.8
Barium	mg/kg	350	350	400	56000	16000	8200	8200	32.5	-	46.7	-	44.5	-	36.6	-	48.3	-	41.5
Beryllium	mg/kg	7.2	14	72	140	16	320	320	0.48	-	0.62	-	0.5	-	0.58	-	0.58	-	0.81
Cadmium	mg/kg	2.5	2.5	4.3	78	78	38	38	<0.51	-	<0.53	-	<0.53	-	<0.52	-	<0.52	-	0.81
Calcium	mg/kg	-	-	-	-	-	-	-	1680	-	1680	-	2510	-	988	-	3250	-	1500
Chromium	mg/kg	-	-	-	-	-	-	-	18.2	-	27.8	-	16.5	-	18.5	-	18.7	-	15.8
Cobalt	mg/kg	-	30	-	590	1600	8.1	22	6.9	-	7.8	-	7	-	6.8	-	6.9	-	6.7
Copper	mg/kg	50	270	270	45000	3100	8200	36000	17.5	-	28.5	-	81.1	-	21.6	-	15.8	-	18.4
Iron	mg/kg	-	2000	-	-	-	-	190000	13300	-	17600	-	13700	-	14100	-	13300	-	30300
Lead	mg/kg	63	400	400	800	400	450	450	13.7	-	33.4	-	8.3	-	21.8	-	16.6	-	12.3
Magnesium	mg/kg	-	-	-	-	-	-	3190	1190	-	2590	-	2650	-	3240	-	4190	-	2860
Manganese	mg/kg	1600	2000	2000	5900	11000	19000	360	418	-	350	-	391	-	492	-	629	-	629
Mercury	mg/kg	0.18	0.81	0.81	65	23	10	<0.032	<0.032	-	<0.032	-	<0.034	-	<0.022	-	0.32	-	<0.036
Nickel	mg/kg	30	140	310	23000	1600	650	650	37.2	-	43.5	-	24.7	-	35.9	-	35.5	-	34.7
Potassium	mg/kg	-	-	-	-	-	-	-	1420	-	1790	-	1120	-	1290	-	1600	-	<1200
Selenium	mg/kg	3.9	36	180	5700	390	26	26	<2.0	-	<2.1	-	<2.1	-	<2.1	-	<2.1	-	<4.9
Silver	mg/kg	2	36	180	5700	390	84	84	<0.51	-	<0.53	-	<0.53	-	<0.52	-	<0.52	-	<1.2
Sodium	mg/kg	-	-	-	-	-	-	-	<1000	-	<1100	-	<1100	-	<1000	-	<1000	-	<1200
Thallium	mg/kg	-	-	-	-	-	14	14	<1.0	-	<1.1	-	<1.1	-	<1.0	-	<1.0	-	<2.4
Vanadium	mg/kg	-	100	-	1100	78	1500	72000	21.4	-	32.9	-	29.7	-	29	-	23.1	-	26
Zinc	mg/kg	109	2200	10000	110000	23000	12000	12000	34.7	-	55.5	-	27	-	45.5	-	40.1	-	44.4

General Chemistry																				
Chromium, Hexavalent	mg/kg	1	22	110	-	-	94	190	<0.42	-	0.47	-	<0.43	-	<0.43	-	0.46	-	<0.49	-
Chromium, Trivalent	mg/kg	30	36	180	-	-	190000	190000	17.8 ¹	-	27.3 ¹	-	16.5 ¹	-	16.5 ¹	-	15.8 ¹	-	-	-
Cyanide	mg/kg	27	27	27	680	47	200	200	<0.23	-	<0.24	-	<0.24	-	<0.25	-	<0.27	-	<0.29	-
Solids, Percent	%	-	-	-	-	-	-	-	94.8	93	92.3	80.4	93.9	93.5	93.1	91.2	92.2	86.9	81.8	60.5
																			92.8	-