Table 2
Soil Sample Analytical Data Summary
Volatile Organic Compounds
EPA Method 8260

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-002	LT-C-024	LT-C-025	LT-C-047	LT-C-056	LT-C-056	LT-G-030	LT-T-001	LT-T-002	LT-T-003	LT-T-004	LT-T-005	LT-T-006	LT-T-007	LT-T-008	LT-T-009	LT-T-010	LT-T-011	LT-T-012
Sample Depth:	Soil Cleanup Objectives	2-4'	8-10'	6-8'	2-4'	4-6'	6-8'	0-2'	10-12'	12-14'	10-12'	10-12'	16-19'	12-14'	14-16'	14-16'	12-14'	7-8.5'	6.5-8'	4-6'
Laboratory ID:	Restricted-Residential	480-53297-9	480-53719-19	480-53719-22	480-54421-13	480-54634-17	480-54634-18	480-55157-34	480-55387-3	480-55387-6	480-55387-12	480-55387-9	480-55387-18	480-55387-21	480-55387-15	480-55387-24	480-55387-39	480-55387-33	480-55387-36	480-55387-29
Sampling Date:	Use	1/14/2014	1/21/2014	1/21/2014	2/6/2014	2/10/2014	2/10/2014	2/24/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Volatile Organic Compounds (µg/kg)																				
1,1,1-Trichloroethane[f]	100,000[a]	10 U	4.1 U	3.3 U	310 U	49 U	25 U	0.4 U	0.47 U	0.42 U	0.34 U	0.35 U	0.43 U	0.48 U	0.61 U	0.54 U	0.35 U	0.34 U	0.4 U	0.39 U
1,1,2,2-Tetrachloroethane	NS	190	10 U	8.4 U	180 U	29 U	15 U	0.9 U	1.0 U	0.94 U	0.75 U	0.79 U	0.96 U	1.1 U	1.4 U	1.2 U	0.79 U	0.75 U	0.89 U	0.88 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	18 U	5.4 U	4.3 U	550 U	88 U	45 U	1.3 U	1.5 U	1.3 U	1.1 U	1.1 U	1.4 U	1.5 U	1.9 U	1.7 U	1.1 U	1.1 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	7.6 U	12 U	9.9 U	230 U	37 U	19 U	0.72 U	0.84 U	0.75 U	0.60 U	0.63 U	0.77 U	0.86 U	1.1 U	0.98 U	0.64 U	0.6 U	0.71 U	0.71 U
1,1-Dichloroethane[f]	26,000	11 U	8.5 U	6.9 U	340 U	54 U	28 U	0.68 U	0.79 U	0.71 U	0.56 U	0.59 U	0.72 U	0.8 U	1 U	0.92 U	0.6 U	0.57 U	0.67 U	0.66 U
1,1-Dichloroethene[f]	100,000[a]	13 U	5.8 U	4.7 U	380 U	61 U	31 U	0.68 U	0.79 U	0.71 U	0.57 U	0.59 UJ	0.73 U	0.81 U	1 U	0.92 U	0.6 U	0.57 U	0.67 U	0.67 U
1,2,4-Trichlorobenzene	NS	14 U	22 U	18 U	420 U	67 U	34 U	0.34 U	0.39 U	0.35 UJ	0.28 U	0.3 U	0.36 U	0.4 U	0.51 U	0.46 U	0.3 U	0.28 U	0.33 U	0.33 U
1,2,4-Trimethylbenzene[f]	52,000	340	140	70	23,000	750	430	1.1 U	1.2 U	1.1 U	0.89 U	0.93 U	1.1 U	1.3 U	1.6 U	1.4 U	0.94 U	0.89 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NS	18 U	26 U	21 U	550 U	88 U	45 U	2.8 U	3.2 U	2.9 U	2.3 U	2.4 U	3 U	3.3 U	4.2 U	3.8 U	2.4 U	2.3 U	2.7 U	2.7 U
1,2-Dibromoethane	NS	1.4 U	18 U	15 U	42 U	6.7 U	3.4 U	0.71 U	0.83 U	0.74 U	0.59 U	0.62 U	0.76 U	0.84 U	1.1 U	0.96 U	0.63 U	0.6 U	0.7 U	0.7 U
1,2-Dichlorobenzene[f]	100,000[a]	9.2 U	13 U	11 U	280 U	45 U	23 U	0.43 U	0.51 U	0.45 U	0.36 U	0.38 UJ	0.46 U	0.51 U	0.66 U	0.59 U	0.38 U	0.36 U	0.43 U	0.43 U
1,2-Dichloroethane	3,100	15 U	12 U	10 U	450 U	72 U	37 U	0.28 U	0.32 U	0.29 U	0.23 U	0.24 U	0.3 U	0.33 U	0.42 U	0.38 U	0.25 U	0.23 U	0.27 U	0.27 U
1,2-Dichloropropane	NS	5.9 U	5.6 U	4.6 U	180 U	29 U	15 U	2.8 U	3.2 U	2.9 U	2.3 U	2.4 U	3 U	3.3 U	4.2 U	3.8 U	2.4 U	2.3 U	2.7 U	2.7 U
1,3,5-Trimethylbenzene[f]	52,000	36	160	8.0 U	2,600	53 U	27 U	0.36 U	0.42 U	0.37 U	0.30 U	0.31 U	0.38 U	0.42 U	0.54 U	0.48 U	0.31 U	0.3 U	0.35 U	0.35 U
1,3-Dichlorobenzene[f]	49,000	9.7 U	8.9 U	7.2 U	300 U	47 U	24 U	0.29 U	0.33 U	0.30 U	0.24 U	0.25 U	0.3 U	0.34 U	0.43 U	0.39 U	0.25 U	0.24 U	0.28 U	0.28 U
1,4-Dichlorobenzene	13,000	5.1 U	15 U	12 U	150 U	25 U	13 U	0.78 U	0.90 U	0.81 U	0.65 U	0.68 U	0.83 U	0.92 U	1.2 U	1.1 U	0.68 U	0.65 U	0.76 U	0.76 U
1,4-Dioxane	13,000	R	2,400 UJ	1,900 U	26,000 U	4,100 U	2,100 U	27 U	31 U	28 U	22 U	23 U	29 U	32 U	41 U	36 U	24 U	22 U	26 U	26 U
2-Butanone	100,000[a]	110 U	150 UJ	120 U	3,300 U	520 U	270 U	2 U	2.4 U	2.1 U	1.7 U	1.8 U	2.2 U	2.4 U	32 J	2.7 U	1.8 U	1.7 U	2 U	19 J
2-Hexanone	NS	74 U	33 U	27 U	2,300 U	360 U	190 U	2.8 U	3.2 U	2.9 U	2.3 U	2.4 U	3 U	3.3 U	4.2 U	3.8 U	2.4 U	2.3 U	2.7 U	2.7 U
4-Methyl-2-pentanone	NS	12 U	65 U	52 U	350 U	56 U	29 U	1.8 U	2.1 U	1.9 U	1.5 U	1.6 U	1.9 U	2.2 U	2.8 U	2.5 U	1.6 U	1.5 U	1.8 U	1.8 U
Acetone	100,000[a]	150 U	180 U	140 U	4,500 U	720 U	370 U	1,600	23 J	29 U	23 U	30	53	58	150	30 J	27	37	4.6 U	82
Benzene	4,800	1.7 U	5.4 U	4.4 U	53 U	8.5 U	4.3 U	0.27 U	0.32 U	0.28 U	0.23 U	0.24 UJ	0.29 U	0.32 U	0.41 U	0.37 U	0.24 U	0.23 U	0.27 U	0.27 U
Bromodichloromethane	NS	7.2 U	8.2 U	6.6 U	220 U	35 U	18 U	0.74 U	0.87 U	0.78 U	0.62 U	0.65 U	0.79 U	0.88 U	1.1 U	1 U	0.65 U	0.62 U	0.73 U	0.73 U
Bromoform	NS	18 U	13 U	10 U	550 U	88 U	45 U	2.8 U	3.2 U	2.9 U	2.3 U	2.4 U	3 U	3.3 U	4.2 U	3.8 U	2.4 U	2.3 U	2.7 U	2.7 U
Bromomethane	NS	8.0 U	R	9.6 U	240 U	39 U	20 U	0.5 UJ	0.58 U	0.52 U	0.42 U	0.44 U	0.53 U	0.59 U	0.76 U	0.68 U	0.44 U	0.42 U	0.49 U	0.49 UJ
Carbon disulfide	NS	16 U	8.2 U	6.6 U	500 U	80 U	41 U	2.8 U	6.6	2.9 U	4.0 J	2.4 U	17	17	35	20	2.4 U	25	2.7 U	42 J
Carbon tetrachloride[f]	2,400	9.2 U	3.7 U	3.0 U	280 U	45 U	23 U	0.54 U	0.63 U	0.56 U	0.45 U	0.47 U	0.57 U	0.64 U	0.82 U	0.73 U	0.47 U	0.45 U	0.53 U	0.53 UJ
Chlorobenzene	100,000[a]	4.8 U	7.2 U	5.8 U	150 U	23 U	12 U	0.73 U	0.85 U	0.76 U	0.61 U	0.64 U	0.78 U	0.87 U	1.1 U	0.99 U	0.65 U	0.61 U	0.72 U	0.72 U
Chloroethane	NS	7.5 U	11 U	9.0 U	230 U	37 U	19 U	1.3 U	1.5 U	1.3 U	1.0 U	1.1 U	1.3 U	1.5 U	1.9 U	1.7 U	1.1 U	1.1 U	1.2 U	1.2 U
Chloroform	49,000	25 U	5.2 U	4.2 U	760 U	120 U	62 U	0.34 U	0.40 U	0.36 U	0.29 U	0.3 U	0.37 U	0.41 U	0.52 U	0.46 U	0.3 U	0.29 U	0.34 U	0.34 U
Chloromethane	NS	8.6 UJ	6.3 UJ	5.1 U	260 U	42 U	22 U	0.34 U	0.39 U	0.35 U	0.28 U	0.29 U	0.36 U	0.4 U	0.51 U	0.45 U	0.3 U	0.28 U	0.33 U	0.33 U
cis-1,2-Dichloroethene[f]	100,000[a]	10 U	12 U	9.4 U	310 U	49 U	25 U	0.71 U	0.83 U	0.74 U	0.59 U	0.62 U	0.76 U	0.84 U	1.1 U	13	27	0.6 U	0.7 U	0.7 U
cis-1,3-Dichloropropene	NS	8.7 U	12 U	9.8 U	260 U	42 U	22 U	0.8 U	0.93 U	0.83 U	0.67 U	0.7 UJ	0.85 U	0.95 U	1.2 U	1.1 U	0.7 U	0.67 U	0.79 U	0.78 UJ
Cyclohexane	NS	8.0 U	10 U	8.4 U	840 J	170 J	20 U	0.78 U	0.90 U	0.81 U	0.65 U	0.68 U	1.2 J	0.92 U	1.2 U	2.7 J	0.99 J	0.65 U	0.76 U	0.76 U
Dibromochloromethane	NS	18 U	13 U	11 U	540 U	85 U	44 U	0.71 U	0.83 U	0.74 U	0.59 U	0.62 U	0.76 U	0.84 U	1.1 U	0.96 U	0.63 U	0.6 U	0.7 U	0.7 U
Dichlorodifluoromethane	NS	16 U	14 UJ	11 U	480 UJ	77 U	39 UJ	0.46 U	0.53 U	0.48 U	0.38 U	0.4 U	0.49 U	0.54 U	0.7 U	0.62 U	0.4 U	0.38 U	0.45 U	0.45 UJ
Ethylbenzene[f]	41,000	11 U	21 J	5.1 U	940 J	51 U	26 U	170	0.45 U	0.40 U	0.32 U	0.34 UJ	0.41 U	0.45 U	0.58 U	0.52 U	0.34 U	0.32 U	0.38 U	0.39 J
Isopropylbenzene	NS	34 J	43 J	19 J	970 J	530	74 J	2.9 J	0.97 U	0.87 U	0.70 U	0.73 U	0.89 U	0.99 U	1.3 U	1.1 U	0.74 U	0.7 U	0.82 U	0.82 U
Methyl acetate	NS	17 UJ	22 U	190 J	530 U	84 U	100	1 U	1.2 U	1.1 U	0.86 U	0.9 U	1.1 U	1.2 U	1.6 U	1.4 U	0.91 U	0.87 U	1 U	1 U
Methyl tert butyl ether[f]	100,000[a]	14 U	9.0 U	7.3 U	420 U	67 U	34 U	0.54 U	0.63 U	0.57 U	0.45 U	0.48 U	0.58 U	0.65 U	0.83 U	0.74 U	0.48 U	0.46 U	0.54 U	0.53 U
Methylcyclohexane	NS	47	88	14 J	4,300	330	47 J	0.84 U	0.98 U	0.88 U	0.70 U	0.74 U	0.9 U	1 U	1.3 U	4.2 J	0.74 U	0.71 U	0.83 U	0.83 U
Methylene chloride	100,000[a]	7.2 U	12 U	9.7 U	220 U	35 U	18 U	2.6 U	3.0 U	2.7 U	2.1 U	2.2 U	2.7 U	3 U	3.9 U	3.5 U	2.2 U	2.1 U	2.5 U	2.5 U
n-Butylbenzene[f]	100,000[a]	240	250	190	5,800	51 U	210	0.48 U	0.56 U	0.50 U	0.40 U	0.42 U	0.52 U	0.57 U	0.73 U	0.65 U	0.43 U	0.4 U	0.48 U	0.47 U
n-Propylbenzene[f]	100,000[a]	88	81	42 J	2,500	600	150	1.1 J	0.52 U	0.46 U	0.37 U	0.39 U	0.47 U	0.53 U	0.68 U	0.6 U	0.39 U	0.37 U	0.44 U	0.44 U
sec-Butylbenzene[f]	100,000[a]	35	160	120	2,300	1,200	260	0.48 U	0.56 U	0.50 U	0.40 U	0.42 U	0.52 U	0.57 U	0.73 U	0.65 U	0.43 U	0.4 U	0.48 U	0.47 U
Styrene	NS	8.7 U	7.8 U	6.3 U	270 U	42 U	22 U	0.28 U	0.32 U	0.29 U	0.23 U	0.24 U	0.3 U	0.33 U	0.42 U	0.38 U	0.24 U	0.23 U	0.27 U	0.27 U
tert-Butylbenzene[f]	100,000[a]	10 U	33 J	22 J	310 U	49 U	25 U	0.58 U	0.67 U	0.60 U	0.48 U	0.51 U	0.62 U	0.68 U	0.88 U	0.78 U	0.51 U	0.48 U	0.57 U	0.57 U
Tetrachloroethene	19,000	4.9 U	6.4 U	5.2 U	150 U	24 U	12 U	0.74 U	0.87 U	0.78 U	0.62 U	0.65 UJ	0.8 U	0.88 U	1.1 U	1 U	0.66 U	0.62 U	0.73 U	0.73 U
Toluene	100,000[a]	9.7 U	9.8 U	7.9 U	300 U	47 U	24 U	5.4 J	0.49 U	0.44 U	0.35 U	0.37 UJ	0.45 U	0.5 U	0.64 U	0.57 U	0.37 U	0.35 U	0.41 U	0.41 U
trans-1,2-Dichloroethene[f]	100,000[a]	8.5 U	8.4 U	6.8 U	260 U	42 U	21 U	0.57 U	0.67 U	0.60 U	0.48 U	0.5 UJ	0.61 U	0.68 U	0.87 U	3.5 J	1.9 J	0.48 U	0.56 U	0.56 U
trans-1,3-Dichloropropene	NS	1.7 U	16 U	13 U	53 U	8.5 U	4.3 U	2.4 U	2.8 U	2.5 U	2.0 U	2.1 U	2.6 U	2.9 U	3.7 U	3.3 U	2.2 U	2 U	2.4 U	2.4 U
Trichloroethene	21,000	10 U	6.0 U	4.9 U	310 U	49 U	25 U	1.2 U	1.4 U	1.3 U	1.0 U	1.1 UJ	1.3 U	1.4 U	1.9 U	1.7 U	1.1 U	1 U	1.2 U	1.2 U
Trichlorofluoromethane	NS	17 U	9.6 U	7.7 U	520 U	83 U	42 U	0.52 U	0.61 U	0.55 U	0.44 U	0.46 U	0.56 U	0.62 U	0.8 U	0.71 U	0.46 U	0.44 U	0.52 U	0.51 U
Vinyl chloride[f]	900	12 U	9.5 U	7.7 U	370 U	59 U	30 U	0.68 U	0.79 U	0.71 U	0.56 U	0.59 U	0.72 U	0.8 U	1 U	0.92 U	33	0.57 U	0.67 U	0.66 U
Xylenes	100,000[a]	6 U	24 U	19 U	190 U	30 U	15 U	870	1.1 U	0.97 U	0.78 U	0.82 U	1 U	1.1 U	1.4 U	1.3 U	0.82 U	0.78 U	0.92 U	0.91 U

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06

a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

e - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

f - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

NS - No Standard

B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.

JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-X-001			LT-X-002			LT-X-003			LT-X-004			LT-X-005			LT-X-006			LT-X-007			LT-X-008		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	480-53471-2	480-53471-3	480-53471-4	480-53536-1	480-53536-2	480-53536-3	480-53536-6	480-53536-7	480-53536-8	480-53536-11	480-53536-12	480-53536-13	480-53536-14	480-53536-15	480-53536-16	480-53536-17	480-53536-18	480-53536-19	480-53536-20	480-53536-21	480-53536-22	480-53877-7	480-53877-8	480-53877-9
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/27/2014	1/27/2014	1/27/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	42 U	42 U	39 U	47 U	42 U	44 U	400 U	41 U	38 U	39 U	39 U	43 U	760 U	38 U	41 U	390 U	210 U	49 U	42 U	39 U	42 U	190 U	40 U	43 U
2,4,6-Trichlorophenol	NS	13 U	13 U	12 U	14 U	13 U	13 U	120 U	12 U	11 U	12 U	12 U	13 U	230 U	12 U	12 U	120 U	62 U	15 U	13 U	12 U	13 U	59 U	12 U	13 U
2,4-Dichlorophenol	NS	10 U	10 U	9.4 U	11 U	10 U	10 U	95 U	9.8 U	9.1 U	9.5 U	9.4 U	10 U	180 U	9.2 U	9.9 U	95 U	50 U	12 U	10 U	9.5 U	10 U	47 U	9.6 U	10 U
2,4-Dimethylphenol	NS	52 U	52 U	49 U	58 U	52 U	54 U	490 U	50 U	47 U	49 U	48 U	53 U	940 U	48 U	51 U	490 U	260 U	61 U	51 U	49 U	52 U	240 U	49 U	54 U
2,4-Dinitrophenol	NS	67 U	67 U	63 U	75 U	67 U	70 U	630 U	65 U	61 U	63 U	63 U	69 U	1,200 U	62 U	66 U	630 U	330 U	79 U	67 U	63 U	68 U	310 U	64 U	69 U
2,4-Dinitrotoluene	NS	30 U	30 U	28 U	33 U	30 U	31 U	280 U	29 U	27 U	28 U	28 U	30 U	540 U	27 U	29 U	280 U	150 U	35 U	29 U	28 U	30 U	140 U	28 U	31 U
2,6-Dinitrotoluene	NS	47 U	47 U	44 U	52 U	47 U	49 U	440 U	46 U	43 U	44 U	44 U	48 U	850 U	43 U	46 U	440 U	230 U	55 U	47 U	44 U	47 U	220 U	45 U	49 U
2-Chloronaphthalene	NS	13 U	13 U	12 U	14 U	13 U	13 U	120 U	12 U	12 U	12 U	12 U	13 U	230 U	12 U	13 U	120 U	63 U	15 U	13 U	12 U	13 U	60 U	12 U	13 U
2-Chlorophenol	NS	9.7 U	9.8 U	9.1 U	11 U	9.8 U	10 U	92 U	9.5 U	8.9 U	9.2 U	9.1 U	10 U	180 U	9.0 U	9.6 U	92 U	48 U	12 U	9.7 U	9.2 U	9.9 U	45 U	9.3 U	10 U
2-Methylnaphthalene	NS	2.3 U	2.3 U	2.2 U	2.6 U	2.3 U	2.4 U	22 U	2.3 U	2.1 U	2.2 U	2.2 U	2.4 U	42 U	2.1 U	2.3 U	22 U	11 U	2.7 U	2.3 U	2.2 U	2.3 U	11 U	2.2 U	2.4 U
2-Methylphenol	NS	5.9 U	5.9 U	5.5 U	6.6 U	5.9 U	6.1 U	56 U	5.7 U	5.3 U	5.6 U	5.5 U	6.0 U	110 U	5.4 U	5.8 U	56 U	29 U	7.0 U	5.9 U	5.6 U	6.0 U	27 U	5.6 U	6.1 U
2-Nitroaniline	NS	61 U	62 U	58 U	68 U	62 U	64 U	580 U	60 U	56 U	58 U	57 U	63 U	1,100 U	57 U	60 U	580 U	300 U	73 U	61 U	58 U	62 U	290 U	58 U	64 U
2-Nitrophenol	NS	8.7 U	8.8 U	8.2 U	9.7 U	8.8 U	9.1 U	83 U	8.5 U	7.9 U	8.3 U	8.2 U	9.0 U	160 U	8.1 U	8.6 U	83 U	43 U	10 U	8.7 U	8.3 U	8.9 U	41 U	8.3 U	9.1 U
3,3'-Dichlorobenzidine	NS	170 U	170 U	160 U	190 U	170 U	180 U	1,600 U	160 U	150 U	160 UJ	160 UJ	170 UJ	3,100 U	150 U	170 U	1,600 U	830 U	200 U	170 U	160 U	170 U	780 U	160 U	170 U
3-Nitroaniline	NS	44 U	44 U	41 U	49 U	44 U	46 U	420 U	43 U	40 U	42 U	41 U	45 U	800 U	41 U	43 U	420 U	220 U	52 U	44 U	42 U	45 U	210 U	42 U	46 U
4,6-Dinitro-o-cresol	100,000[a]	66 U	66 U	62 U	74 U	66 U	69 U	630 U	64 U	60 U	62 U	62 U	68 U	1,200 U	61 U	65 U	620 U	330 U	78 U	66 U	62 U	67 U	310 U	63 U	69 U
4-Bromophenyl phenyl ether	NS	61 U	61 U	57 U	68 U	61 U	64 U	580 U	59 U	55 U	57 U	57 U	62 U	1,100 U	56 U	60 U	580 U	300 U	72 U	61 U	58 U	62 U	280 U	58 U	63 U
4-Chloro-3-methylphenol	NS	7.9 U	7.9 U	7.4 U	8.8 U	7.9 U	8.2 U	75 U	7.7 U	7.2 U	7.4 U	7.4 U	8.1 U	140 U	7.2 U	7.7 U	74 U	39 U	9.3 U	7.8 U	7.4 U	8.0 U	37 U	7.5 U	8.2 U
4-Chloroaniline	NS	56 U	56 U	53 U	63 U	56 U	59 U	530 U	55 U	51 U	53 U	53 U	58 U	1,000 U	52 U	55 U	530 U	280 U	67 U	56 U	53 U	57 U	260 U	53 U	58 U
4-Chlorophenyl phenyl ether	NS	4.1 U	4.1 U	3.8 U	4.5 U	4.1 U	4.3 U	39 U	4.0 U	3.7 U	3.9 U	3.8 U	4.2 U	74 U	3.8 U	4.0 U	39 U	20 U	4.8 U	4.1 U	3.9 U	4.1 U	19 U	3.9 U	4.2 U
4-Methylphenol	NS	11 U	11 U	10 U	12 U	11 U	11 U	100 U	10 U	9.7 U	10 U	10 U	11 U	190 U	9.8 U	10 U	100 U	53 U	13 U	11 U	10 U	11 U	50 U	10 U	11 U
4-Nitroaniline	NS	21 U	21 U	20 U	24 U	21 U	22 U	200 U	21 U	19 U	20 U	20 U	22 U	390 U	20 U	21 U	200 U	110 U	25 U	21 U	20 U	22 U	100 U	20 U	22 U
4-Nitrophenol	NS	46 U	46 U	44 U	52 U	46 U	48 U	440 U	45 U	42 U	44 U	43 U	47 U	850 U	43 U	46 U	440 U	230 U	55 U	46 U	44 U	47 U	220 U	44 U	48 U
Acenaphthene	100,000[a]	2.2 U	2.3 U	2.1 U	2.5 U	2.3 U	2.4 U	21 U	2.2 U	2.0 U	2.1 U	2.1 U	2.3 U	41 U	2.1 U	2.2 U	21 U	11 U	2.7 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U	2.3 U
Acenaphthylene[f]	100,000[a]	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	15 U	1.5 U	1.4 U	1.5 U	1.5 U	1.6 U	29 U	1.4 U	1.5 U	15 U	7.7 U	1.9 U	1.6 U	1.5 U	1.6 U	7.3 U	1.5 U	1.6 U
Acetophenone	NS	9.8 U	9.8 U	9.2 U	11 U	9.8 U	10 U	93 U	9.5 U	8.9 U	9.3 U	9.2 U	10 U	180 U	9.0 U	9.7 U	93 U	49 U	12 U	9.8 U	9.3 U	9.9 U	46 U	9.3 U	10 U
Anthracene[f]	100,000[a]	8.1 J	4.9 U	4.6 U	5.5 U	4.9 U	5.1 U	46 U	4.8 U	4.5 U	8.5 J	4.6 U	5.0 U	89 U	4.5 U	4.8 U	46 U	24 U	5.8 U	4.9 U	4.6 U	5.0 U	23 U	4.7 U	5.1 U
Atrazine	NS	8.5 U	8.5 U	8.0 U	9.5 U	8.5 U	8.9 U	81 U	8.3 U	7.7 U	8.0 U	8.0 U	8.7 U	160 U	7.8 U	8.4 U	80 U	42 U	10 U	8.5 U	8.0 U	8.6 U	40 U	8.1 U	8.8 U
Benzaldehyde	NS	21 U	21 UJ	20 UJ	23 U	21 U	22 UJ	200 U	20 UJ	19 UJ	20 UJ	20 UJ	21 UJ	380 U	19 U	21 U	200 U	100 U	25 U	21 U	20 U	21 U	98 U	20 U	22 U
Benzo(a)anthracene[f]	1,000[f]	59 J	21 J	3.1 U	3.7 U	3.3 U	3.5 U	31 U	3.2 U	3.0 U	42 J	3.1 UJ	3.4 UJ	540 J	3.0 U	3.3 U	31 U	16 U	3.9 U	34 J	3.1 U	3.3 U	15 U	30 J	3.4 U
Benzo(a)pyrene	1,000[f]	52 J	4.6 U	4.3 U	5.1 U	4.6 U	4.8 U	44 U	4.5 U	4.2 U	4.4 U	4.3 UJ	4.7 U	84 U	4.2 U	4.5 U	44 U	23 U	280	35 J	4.4 U	340	39 J	37 J	4.8 U
Benzo(b)fluoranthene[f]	1,000[f]	76 J	3.7 U	3.5 U	4.1 U	3.7 U	3.9 U	35 U	3.6 U	3.4 U	3.5 U	3.5 UJ	3.8 U	68 U	3.4 U	3.7 U	35 U	18 U	4.4 U	50 J	3.5 U	3.8 U	53 J	44 J	3.9 U
Benzo(ghi)perylene[f]	100,000[a]	52 J	2.3 U	2.2 U	2.6 U	2.3 U	2.4 U	22 U	2.2 U	2.1 U	57 J	2.1 UJ	2.4 U	590 J	2.1 U	2.3 U	22 U	11 U	2.7 U	45 J	2.2 U	2.3 U	61 J	24 J	2.4 U
Benzo(k)fluoranthene[f]	3,900	29 J	2.1 U	2.0 U	2.3 U	2.1 U	2.2 U	20 U	2.0 U	1.9 U	2.0 U	2.0 UJ	2.2 U	38 U	1.9 U	2.1 U	20 U	10 U	2.5 U	26 J	2.0 U	2.1 U	48 J	24 J	2.2 U
Biphenyl	NS	12 U	12 U	11 U	13 U	12 U	12 U	110 U	12 U	11 U	11 U	11 U	12 U	220 U	11 U	12 U	110 U	59 U	14 U	12 U	11 U	12 U	56 U	11 U	12 U
Bis(2-chloroisopropyl)ether	NS	20 U	20 U	19 U	22 U	20 U	21 U	190 U	19 U	18 U	19 U	19 U	20 U	360 U	18 U	20 U	190 U	99 U	24 U	20 U	19 U	20 U	93 UJ	19 U	21 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	9.8 U	12 U	10 U	11 U	99 U	10 U	9.5 U	9.8 U	9.7 U	11 U	190 U	9.6 U	10 U	98 U	51 U	12 U	10 U	9.8 U	11 U	49 U	9.9 U	11 U
Bis(2-chloroethyl)ether	NS	17 U	17 U	16 U	18 U	17 U	17 U	160 U	16 U	15 U	16 U	15 U	17 U	300 U	15 U	16 U	160 U	82 U	20 U	16 U	16 U	17 U	77 U	16 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	62 U	62 U	58 U	69 U	62 U	64 U	580 U	60 U	56 U	58 UJ	58 UJ	63 UJ	1,100 U	57 U	61 U	580 U	300 U	73 U	110 J	58 U	62 U	290 U	59 U	64 U
Butyl benzyl phthalate	NS	51 U	52 U	48 U	57 U	51 U	54 U	490 U	50 U	47 U	49 UJ	48 UJ	53 UJ	940 U	47 U	51 U	490 U	250 U	61 U	51 U	49 U	52 U	240 U	49 U	53 U
Caprolactum	NS	83 U	83 U	78 U	92 U	83 U	87 U	780 U	80 U	75 U	78 U	77 U	85 U	1,500 U	76 U	81 U	780 U	410 U	98 U	82 U	78 U	84 U	390 U	79 U	86 U
Carbazole	NS	2.2 U	2.2 U	2.1 U	2.5 U	2.2 U	2.3 U	21 U	2.2 U	2.0 U	2.1 U	2.1 U	2.3 U	40 U	2.0 U	2.2 U	21 U	11 U	2.6 U	2.2 U	2.1 U	2.2 U	10 U	2.1 U	2.3 U
Chrysene[f]	3,900	61 J	17 J	1.8 U	2.1 U	1.9 U	2.0 U	18 U	1.9 U	1.7 U	46 J	1.8 UJ	2.0 UJ	630 J	1.8 U	1.9 U	18 U	9.5 U	2.3 U	36 J	1.8 U	1.9 U	38 J	34 J	2.0 U
Dibenzo(a,h)anthracene[f]	330[e]	2.2 U	2.3 U	2.1 U	2.5 U	2.3 U	2.4 U	21 U	2.2 U	2.0 U	2.1 U	2.1 UJ	2.3 U	41 U	2.1 U	2.2 U	21 U	11 U	2.7 U	22 J	2.1 U	2.3 U	10 U	2.1 U	2.3 U
Dibenzofuran[f]	59,000	2.0 U	2.0 U	1.9 U	2.2 U	2.0 U	2.1 U	19 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U	36 U	1.8 U	2.0 U	19 U	9.8 U	2.4 U	2.0 U	1.9 U	2.0 U	9.3 U	1.9 U	2.1 U
Diethyl phthalate	NS	5.8 U	5.8 U	5.4 U	6.4 U	5.8 U	6.0 U	55 U	5.6 U	5.3 U	5.5 U	5.4 U	5.9 U	110 U	5.3 U	5.7 U	55 U	29 U	6.8 U	5.7 U	5.5 U	5.9 U	27 U	5.5 U	6.0 U
Dimethyl phthalate	NS	5.0 U	5.0 U	4.7 U	5.6 U	5.0 U	5.2 U	47 U	4.9 U	4.5 U	4.7 U	4.7 U	5.1 U	91 U	4.6 U	4.9 U	47 U	25 U	5.9 U	5.0 U	4.7 U	5.1 U	23 U	4.8 U	5.2 U
Di-n-butylphthalate	NS	66 U	66 U	62 U	74 U	66 U	69 U	630 U	64 U	60 U	62 U	62 U	68 U	1,200 U	61 U	65 U	630 U	330 U	78 U	66 U	63 U	67 U	310 U	63 U	69 U
Di-n-octylphthalate	NS	4.5 U	4.5 U	4.2 U	5.0 U	4.5 U	4.7 U	42 U	4.4 U	4.1 U	4.2 UJ	4.2 UJ	4.6 UJ	82 U	4.1 U	4.4 U	42 U	22 U	5.3 U	4.5 U	4.2 U	4.5 U	21 U	4.3 U	4.6 U
Fluoranthene[f]	100,000[a]	84 J	21 J	2.6 U	3.1 U	2.8 U	2.9 U	26 U	2.7 U	2.5 U	42 J	2.6 U	2.8 U	680 J	2.6 U	2.7 U	26 U	14 U	3.3 U	28 J	2.6 U	2.8 U	13 U	52 J	2.9 U
Fluorene	100,000[a]	4.4 U	4.4 U	4.1 U	4.9 U	4.4 U	4.6 U	42 U	4.3 U	4.0 U	4.2 U	4.1 U	4.5 U	80 U	4.1 U	4.3 U	42 U	22 U	5.2 U	4.4 U	4.2 U	4.5 U	21 U	4.2 U	4.6 U
Hexachlorobenzene	1,200	9.5 U	9.5 U	8.9 U	11 U	9.5 U	9.9 U	90 U	9.2 U	8.6 U	9.0 U	8.9 U	9.7 U	170 U	8.8 U	9.4 U	90 U	47 U	11 U	9.5 U	9.0 U	9.6 U	44 U	9.1 U	9.9 U
Hexachlorobutadiene	NS	9.8 U	9.8 U	9.2 U	11 U	9.8 U	10 U	93 U	9.5 U	8.9 U	9.2 U	9.2 U	10 U	180 U	9.0 U	9.6 U	93 U	48 U	12 U	9.7 U	9.3 U	9.9 U	46 U	9.3 U	10 U
Hexachloroc ycl opentadiene	NS	58 U	58 U	54 U	64 U	58 U	60 U	550 U	56 U	53 U	55 U	54 U	59 U	1,100 U	53 U	57 U	550 U	290 U	69 U	58 U	55 U	59 U	270 UJ	55 U	60 U
Hexachloroethane	NS	15 U	15 U	14 U	17 U	15 U	15 U	140 U	14 U	13 U	14 U	14 U	15 U	270 U	14 U	15 U	140 U	73 U	18 U	15 U	14 U	15 U	69 U	14 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	38 J	5.3 U	5.0 U	5.9 U	5.3 U	5.5 U	50 U	5.1 U	4.8 U	5.0 U	4.9 UJ	5.4 U	97 U	4.9 U	5.2 U	50 U	26 U	6.3 U	5.3 U	5.0 U	5.4 U	27 J	13 J	5.5 U
Isophorone	NS	9.6 U	9.6 U	9.0 U	11 U	9.6 U	10 U	91 U	9.3 U	8.7 U	9.0 U	8.9 U	9.8 U	170 U	8.8 U	9.4 U	90 U	47 U	11 U	9.5 U	9.0 U	9.7 U	45 U	9.1 U	9.9 U
Naphthalene[f]	100,000[a]	3.2 U	3.2 U	3.0 U	3.5 U	3.2 U	3.3 U	30 U	3.1 U	2.9 U	3.0 U	3.0 U	3.3 U	58 U	2.9 U	3.1 U	30 U	16 U	3.8 U	3.2 U	3.0 U	3.2 U	15 U	3.0 U	3.3 U
Nitrobenzene	NS	8.5 U	8.5 U	8.0 U	9.5 U	8.5 U	8.9 U	80 U	8.2 U	7.7 U	8.0 U	7.9 U	8.7 U	150 U	7.8 U	8.4 U	80 U	42 U	10 U	8.4 U	8.0 U	8.6 U	40 U	8.1 U	8.8 U
n-Nitrosodi-n-propylamine	NS	15 U	15 U	14 U	17 U	15 U	16 U	140 U	15 U	14 U	14 U	14 U	16 U	280 U	14 U	15 U	140 U	75 U	18 U	15 U	14 U	15 U	71 U	14 U	16 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	9.8 U	12 U	10 U	11 U	99 U	10 U	9.5 U	9.9 U	9.8 U	11 U	190 U	9.6 U	10 U	99 U	52 U	12 U	10 U	9.9 U	11 U	49 U	10 U	11 U
Pentachlorophenol	6,700	66 U	66 U	62 U	73 U	66 U	69 U	620 U	64 U	60 U	62 U	61 U	67 U	1,200 U	60 U	65 U	620 U	320 U	78 U	65 U	62 U	66 U	310 U	62 U	68 U
Phenanthrene[f]	100,000[a]	45 J	16 J	3.8 U	4.5 U	4.0 U	4.2 U	38 U	3.9 U	3.6 U	36 J	3.8 U	4.1 U	720 J	3.7 U	4.0 U	38 U	20 U	4.8 U	16 J	3.8 U	4.1 U	19 U	20 J	4.2 U
Phenol	100,000[a]	20 U	20 U	19 U	22 U	20 U	21 U	190 U	20 U	18 U	19 U	19 U	21 U	370 U	19 U	20 U	190 U	100 U	24 U	20 U	19 U	20 U	94 U	19 U	21 U
Pyrene[f]	100,000[a]	100 J	25 J	1.2 U	1.4 U	1.2 U	1.3 U	12 U	1.2 U	1.1 U	80 J	1.2 UJ	1.3 UJ	1,100 J	1.1 U	1.2 U	12 U	6.1 U	1.5 U	50 J	1.2 U	1.3 U	5.8 U	43 J	1.3 U
Total SVOCs		604.1	100	ND	ND	ND	ND	ND	ND	ND	311.5	ND	ND	4,260	ND	ND	ND	ND	280	452	ND	340	266	321	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.
c - The SCOs for industrial use and protection of groundwater were capped at a maximum value of 1,000 ppm. See TSD section 9.3.
e - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
f - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be veri
U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.
Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-X-009			LT-XC-001			LT-XC-002			LT-XC-003			LT-XC-004			LT-XC-005			LT-XC-006			LT-XC-007		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-53877-10	480-53877-11	480-53877-12	480-53190-1	480-53190-2	480-53190-03	480-53190-4	480-53190-5	480-53190-6	480-53190-8	480-53190-9	480-53190-10	480-53297-4	480-53297-5	480-53297-6	480-53782-8	480-53782-9	480-53782-10	480-53830-1	480-53830-2	480-53830-3	480-53830-4	480-53830-5	480-53830-6
Sampling Date:	Use	1/27/2014	1/27/2014	1/27/2014	1/13/2014	1/13 /2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	190 U	42 U	44 U	40 U	41 U	39 U	41 U	40 U	41 U	37 U	40 U	41 U	38 U	38 U	38 U	42 U	41 U	42 U	41 U	42 U	40 U	41 U	42 U	49 U
2,4,6-Trichlorophenol	NS	57 U	13 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	12 U	11 U	11 U	13 U	12 U	13 U	12 U	13 U	12 U	12 U	13 U	15 U
2,4-Dichlorophenol	NS	45 U	10 U	11 U	9.6 U	9.8 U	9.4 U	9.8 U	9.6 U	9.9 U	9.0 U	9.6 U	9.8 U	9.1 U	9.1 U	9.0 U	10 U	9.9 U	10 U	9.8 U	10 U	9.5 U	9.8 U	10 U	12 U
2,4-Dimethylphenol	NS	230 U	52 U	55 U	50 U	50 U	48 U	51 U	49 U	51 U	46 U	49 U	50 U	47 U	47 U	47 U	53 U	51 U	52 U	51 U	52 U	49 U	51 U	51 U	61 U
2,4-Dinitrophenol	NS	300 U	68 U	71 U	64 U	65 U	63 U	65 U	64 U	66 U	60 U	64 U	65 U	61 U	61 U	60 U	68 U	66 U	68 U	66 U	67 U	64 U	66 U	67 U	79 U
2,4-Dinitrotoluene	NS	130 U	30 U	31 U	28 U	29 U	28 U	29 U	28 U	29 U	26 U	28 U	29 U	27 U	27 U	27 U	30 U	29 U	30 U	29 U	30 U	28 U	29 U	30 U	35 U
2,6-Dinitrotoluene	NS	210 U	47 U	50 U	45 U	46 U	44 U	46 U	45 U	46 U	42 U	45 U	46 U	43 U	42 U	42 U	48 U	46 U	47 U	46 U	47 U	44 U	46 U	47 U	55 U
2-Chloronaphthalene	NS	58 U	13 U	14 U	12 U	12 U	12 U	13 U	12 U	13 U	11 U	12 U	12 U	12 U	12 U	12 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U	13 U	15 U
2-Chlorophenol	NS	44 U	9.8 U	10 U	9.3 U	9.5 U	9.1 U	9.5 U	9.3 U	9.6 U	8.7 U	9.3 U	9.5 U	8.9 U	8.8 U	8.8 U	9.9 U	9.6 U	9.8 U	9.5 U	9.8 U	9.2 U	9.5 U	9.7 U	11 U
2-Methylnaphthalene	NS	11 U	2.3 U	2.5 U	2.2 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 U	2.2 U	2.3 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.3 U	2.3 U	2.3 U	2.2 U	2.3 U	2.3 U	2.7 U
2-Methylphenol	NS	27 U	5.9 U	6.3 U	5.6 U	5.7 U	5.5 U	5.8 U	5.6 U	5.8 U	5.3 U	5.6 U	5.7 U	5.4 U	5.3 U	5.3 U	6.0 U	5.8 U	5.9 U	5.8 U	5.9 U	5.6 U	5.8 U	5.9 U	6.9 U
2-Nitroaniline	NS	280 U	62 U	65 U	59 U	60 U	57 U	60 U	58 U	60 U	55 U	59 U	60 U	56 U	56 U	55 U	62 U	60 U	62 U	60 U	62 U	58 U	60 U	61 U	72 U
2-Nitrophenol	NS	40 U	8.8 U	9.3 U	8.4 U	8.5 U	8.2 U	8.6 U	8.3 U	8.6 U	7.8 U	8.4 U	8.5 U	8.0 U	7.9 U	7.9 U	8.9 U	8.6 U	8.8 U	8.6 U	8.8 U	8.3 U	8.6 U	8.7 U	10 U
3,3'-Dichlorobenzidine	NS	760 U	170 U	180 U	160 U	160 U	160 U	160 U	160 U	160 U	150 U	160 U	160 U	150 U	150 U	150 U	170 U	160 U	170 U	160 U	170 U	160 U	160 U	170 U	200 U
3-Nitroaniline	NS	200 U	44 U	47 U	42 U	43 U	41 U	43 U	42 U	43 U	39 U	42 U	43 U	40 U	40 U	40 U	45 U	43 U	44 U	43 U	44 U	42 U	43 U	44 U	52 U
4,6-Dinitro-o-cresol[f]	100,000[a]	300 U	67 U	70 U	63 U	64 U	62 U	65 U	63 U	65 U	59 U	63 U	64 U	60 U	60 U	60 U	67 U	65 U	67 U	65 U	67 U	63 U	65 U	66 U	78 U
4-Bromophenyl phenyl ether	NS	280 U	61 U	65 U	58 U	59 U	57 U	60 U	58 U	60 U	54 U	58 U	59 U	55 U	55 U	55 U	62 U	60 U	62 U	60 U	61 U	58 U	60 U	61 U	72 U
4-Chloro-3-methylphenol	NS	36 U	7.9 U	8.4 U	7.5 U	7.7 U	7.3 U	7.7 U	7.5 U	7.7 U	7.0 U	7.5 U	7.7 U	7.2 U	7.1 U	7.1 U	8.0 U	7.7 U	8.0 U	7.7 U	7.9 U	7.5 U	7.7 U	7.8 U	9.3 U
4-Chloroaniline	NS	250 U	57 U	60 U	54 U	55 U	52 U	55 U	54 U	55 U	50 U	54 U	55 U	51 U	51 U	51 U	57 U	55 U	57 U	55 U	57 U	53 U	55 U	56 U	66 U
4-Chlorophenyl phenyl ether	NS	18 U	4.1 U	4.3 U	3.9 U	4.0 U	3.8 U	4.0 U	3.9 U	4.0 U	3.6 U	3.9 U	4.0 U	3.7 U	3.7 U	3.7 U	4.2 U	4.0 U	4.1 U	4.0 U	4.1 U	3.9 U	4.0 U	4.1 U	4.8 U
4-Methylphenol	NS	48 U	11 U	11 U	10 U	10 U	9.9 U	10 U	10 U	10 U	9.5 U	10 U	10 U	9.7 U	9.7 U	9.6 U	11 U	10 U	11 U	10 U	11 U	10 U	10 U	11 U	13 U
4-Nitroaniline	NS	97 U	22 U	23 U	20 U	21 U	20 U	21 U	20 U	21 U	19 U	20 U	21 U	19 U	19 U	19 U	22 U	21 U	22 U	21 U	22 U	20 U	21 U	21 U	25 U
4-Nitrophenol	NS	210 U	47 U	49 U	44 U	45 U	43 U	45 U	44 U	46 U	41 U	44 U	45 U	42 U	42 U	42 U	47 U	46 U	47 U	45 U	47 U	44 U	45 U	46 U	55 U
Acenaphthene	100,000[a]	10 U	2.3 U	2.4 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.0 U	2.1 U	2.2 U	2.1 U	2.0 U	2.0 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.7 U
Acenaphthylene[f]	100,000[a]	7.1 U	1.6 U	1.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.6 U	1.5 U	1.6 U	1.5 U	1.6 U	1.5 U	1.5 U	1.6 U	1.8 U
Acetophenone	NS	45 U	9.9 U	10 U	9.4 U	9.6 U	9.2 U	9.6 U	9.4 U	9.7 U	8.8 U	9.4 U	9.6 U	9.0 U	8.9 U	8.8 U	10 U	9.6 U	9.9 U	9.6 U	9.9 U	9.3 U	9.6 U	9.8 U	12 U
Anthracene[f]	100,000[a]	22 U	4.9 U	5.2 U	4.7 U	4.8 U	4.6 U	4.8 U	4.7 U	4.8 U	4.4 U	4.7 U	4.8 U	4.5 U	4.4 U	4.4 U	5.0 U	4.8 U	5.0 U	4.8 U	4.9 U	4.7 U	4.8 U	4.9 U	5.8 U
Atrazine	NS	39 U	8.6 U	9.0 U	8.2 U	8.3 U	8.0 U	8.3 U	8.1 U	8.4 U	7.6 U	8.1 U	8.3 U	7.8 U	7.7 U	7.7 U	8.7 U	8.4 U	8.6 U	8.3 U	8.6 U	8.1 U	8.3 U	8.5 U	10 U
Benzaldehyde	NS	95 U	21 U	22 U	20 U	20 U	20 U	21 U	20 U	21 U	19 U	20 U	20 U	19 U	19 U	19 U	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	25 U
Benzo(a)anthracene[f]	1,000[f]	98 J	3.3 U	3.5 U	3.2 U	3.2 U	3.1 U	3.2 U	3.1 U	3.2 U	3.0 U	3.2 U	3.2 U	3.0 U	3.0 U	3.0 U	3.4 U	9.9 J	3.3 U	3.2 U	3.3 U	3.1 U	3.2 U	3.3 U	3.9 U
Benzo(a)pyrene	1,000[f]	140 J	4.7 U	4.9 U	4.4 U	4.5 U	4.3 U	4.5 U	4.4 U	4.5 U	4.1 U	4.4 U	4.5 U	4.2 U	4.2 U	4.2 U	4.7 U	4.5 U	4.7 U	4.5 U	4.6 U	4.4 U	4.5 U	4.6 U	5.4 U
Benzo(b)fluoranthene[f]	1,000[f]	120 J	3.7 U	3.9 U	3.6 U	3.6 U	3.5 U	3.6 U	3.5 U	3.6 U	3.3 U	3.5 U	3.6 U	3.4 U	3.4 U	3.3 U	3.8 U	3.6 U	3.8 U	72 J	3.7 U	3.5 U	3.6 U	3.7 U	4.4 U
Benzo(ghi)perylene[f]	100,000[a]	160 J	2.3 U	2.4 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.2 U	2.3 U	2.3 U	2.7 U
Benzo(k)fluoranthene[f]	3,900	75 J	2.1 U	2.2 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.1 U	1.9 U	2.0 U	2.1 U	1.9 U	1.9 U	1.9 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.5 U
Biphenyl	NS	54 U	12 U	13 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	14 U
Bis(2-chloroisopropyl)ether	NS	91 U	20 U	21 U	19 U	19 U	19 U	20 U	19 U	20 U	18 U	19 U	19 U	18 U	18 U	18 U	20 U	20 U	20 U	20 U	20 U	19 U	20 UJ	20 U	24 U
Bis(2-chloroethoxy)methane	NS	47 U	11 U	11 U	10 U	10 U	9.7 U	10 U	9.9 U	10 U	9.3 U	9.9 U	10 U	9.5 U	9.4 U	9.4 U	11 U	10 U	11 U	10 U	10 U	9.9 U	10 U	10 U	12 U
Bis(2-chloroethyl)ether	NS	75 U	17 U	18 U	16 U	16 U	15 U	16 U	16 U	16 U	15 U	16 U	16 U	15 U	15 U	15 U	17 U	16 U	17 U	16 U	17 U	16 U	16 U	16 U	19 U
Bis(2-Ethylhexyl)phthalate	NS	280 U	62 U	66 U	59 U	60 U	58 U	93 J	59 U	61 U	58 J	59 U	60 U	56 U	56 U	56 U	250	150 J	62 U	60 U	62 U	59 U	60 U	61 U	73 U
Butyl benzyl phthalate	NS	230 U	52 U	55 U	49 U	50 U	48 U	50 U	49 U	51 U	46 U	49 U	50 U	47 U	47 U	46 U	52 U	50 U	52 U	50 U	52 U	49 U	50 U	51 U	61 U
Caprolactum	NS	380 U	84 U	88 U	79 U	81 U	77 U	81 U	79 U	81 U	74 U	79 U	81 U	75 U	75 U	75 U	84 U	81 U	84 U	81 U	83 U	79 U	81 U	82 U	98 U
Carbazole	NS	10 U	2.2 U	2.4 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.0 U	2.1 U	2.2 U	2.0 U	2.0 U	2.0 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.6 U
Chrysene[f]	3,900	100 J	1.9 U	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.7 U	1.7 U	1.7 U	1.9 U	1.9 U	1.9 U	47 J	1.9 U	1.8 U	1.9 U	1.9 U	2.3 U
Dibenzo(a,h)anthracene[f]	330[e]	10 U	2.3 U	2.4 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.0 U	2.1 U	2.2 U	2.1 U	2.0 U	2.0 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.7 U
Dibenzofuran[f]	59,000	9.0 U	2.0 U	2.1 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.3 U
Diethyl phthalate	NS	26 U	5.8 U	6.1 U	5.5 U	5.6 U	5.4 U	5.7 U	5.5 U	5.7 U	5.2 U	5.5 U	5.6 U	5.3 U	5.2 U	5.2 U	5.9 U	5.7 U	5.8 U	5.7 U	5.8 U	5.5 U	5.7 U	5.8 U	6.8 U
Dimethyl phthalate	NS	23 U	5.0 U	5.3 U	4.8 U	4.9 U	4.7 U	4.9 U	4.8 U	4.9 U	4.5 U	4.8 U	4.9 U	4.6 U	4.5 U	4.5 U	5.1 U	4.9 U	5.0 U	4.9 U	5.0 U	4.7 U	4.9 U	5.0 U	5.9 U
Di-n-butylphthalate	NS	300 U	67 U	70 U	63 U	64 U	62 U	65 U	63 U	65 U	59 U	63 U	64 U	60 U	60 U	60 U	67 U	65 U	67 U	65 U	67 U	63 U	65 U	66 U	78 U
Di-n-octylphthalate	NS	20 U	4.5 U	4.8 U	4.3 U	4.4 U	4.2 U	4.4 U	4.3 U	4.4 U	4.0 U	4.3 U	4.4 U	4.1 U	4.1 U	4.0 U	4.6 U	4.4 U	4.5 U	4.4 U	4.5 U	4.2 U	4.4 U	4.5 U	5.3 U
Fluoranthene[f]	100,000[a]	150 J	2.8 U	2.9 U	2.7 U	2.7 U	2.6 U	2.7 U	2.6 U	2.7 U	2.5 U	2.6 U	2.7 U	2.5 U	2.5 U	2.5 U	2.8 U	10 J	2.8 U	46 J	2.8 U	2.6 U	2.7 U	2.8 U	3.3 U
Fluorene	100,000[a]	20 U	4.4 U	4.7 U	4.2 U	4.3 U	4.1 U	4.3 U	4.2 U	4.3 U	3.9 U	4.2 U	4.3 U	4.0 U	4.0 U	4.0 U	4.5 U	4.3 U	4.5 U	4.3 U	4.4 U	4.2 U	4.3 U	4.4 U	5.2 U
Hexachlorobenzene	1,200	43 U	9.6 U	10 U	9.1 U	9.3 U	8.9 U	9.3 U	9.1 U	9.3 U	8.5 U	9.1 U	9.3 U	8.7 U	8.6 U	8.6 U	9.7 U	9.3 U	9.6 U	9.3 U	9.6 U	9.0 U	9.3 U	9.5 U	11 U
Hexachlorobutadiene	NS	44 U	9.9 U	10 U	9.4 U	9.5 U	9.1 U	9.6 U	9.3 U	9.6 U	8.8 U	9.3 U	9.5 U	8.9 U	8.9 U	8.8 U	10 U	9.6 U	9.9 U	9.6 U	9.9 U	9.3 U	9.6 U	9.8 U	12 U
Hexachlorocyclopentadiene	NS	260 U	58 U	61 U	55 U	56 U	54 U	57 U	55 U	57 U	52 U	55 U	56 U	53 U	52 U	52 U	59 U	57 U	58 U	57 U	58 U	55 U	57 UJ	58 U	68 U
Hexachloroethane	NS	67 U	15 U	16 U	14 U	14 U	14 U	14 U	14 U	15 U	13 U	14 U	14 U	13 U	13 U	13 U	15 U	15 U	15 U	15 U	15 U	14 U	15 U	15 U	17 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	61 J	5.3 U	5.6 U	5.1 U	5.2 U	4.9 U	5.2 U	5.0 U	5.2 U	4.7 U	5.1 U	5.2 U	4.8 U	4.8 U	4.8 U	5.4 U	5.2 U	5.4 U	27 J	5.3 U	5.0 U	5.2 U	5.3 U	6.2 U
Isophorone	NS	43 U	9.7 U	10 U	9.2 U	9.3 U	8.9 U	9.4 U	9.1 U	9.4 U	8.6 U	9.1 U	9.3 U	8.7 U	8.7 U	8.6 U	9.7 U	9.4 U	9.7 U	9.4 U	9.6 U	9.1 U	9.4 U	9.5 U	11 U
Naphthalene[f]	100,000[a]	14 U	3.2 U	3.4 U	3.1 U	3.1 U	3.0 U	3.1 U	3.0 U	3.1 U	2.8 U	3.0 U	3.1 U	2.9 U	2.9 U	2.9 U	3.2 U	3.1 U	3.2 U	3.1 U	3.2 U	3.0 U	3.1 U	3.2 U	3.8 U
Nitrobenzene	NS	38 U	8.6 U	9.0 U	8.1 U	8.3 U	7.9 U	8.3 U	8.1 U	8.3 U	7.6 U	8.1 U	8.3 U	7.7 U	7.7 U	7.6 U	8.6 U	8.3 U	8.6 U	8.3 U	8.5 U	8.1 U	8.3 U	8.4 U	10 U
n-Nitrosodi-n-propylamine	NS	69 U	15 U	16 U	15 U	15 U	14 U	15 U	14 U	15 U	14 U	14 U	15 U	14 U	14 U	14 U	15 U	15 U	15 U	15 U	15 U	14 U	15 U	15 U	18 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	47 U	11 U	11 U	10 U	10 U	9.8 U	10 U	10 U	10 U	9.4 U	10 U	10 U	9.5 U	9.5 U	9.4 U	11 U	10 U	11 U	10 U	11 U	9.9 U	10 U	10 U	12 U
Pentachlorophenol	6,700	300 U	66 U	70 U	63 U	64 U	61 U	64 U	63 U	65 U	59 U	63 U	64 U	60 U	59 U	59 U	67 U	64 U	66 U	64 U	66 U	62 U	64 U	65 U	77 U
Phenanthrene[f]	100,000[a]	68 J	4.1 U	4.3 U	3.8 U	3.9 U	3.7 U	3.9 UJ	3.8 U	3.9 U	3.6 U	3.8 U	3.9 U	3.7 U	3.6 U	3.6 U	4.1 U	7.5 J	4.1 U	3.9 U	4.0 U	3.8 U	3.9 U	4.0 U	4.7 U
Phenol	100,000[a]	91 U	20 U	21 U	19 U	20 U	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	18 U	18 U	21 U	20 U	20 U	20 U	20 U	19 U	20 U	20 U	24 U
Pyrene[f]	100,000[a]	160 J	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 u	1.1 U	1.3 U	14 J	1.3 U	59 J	1.2 U	1.2 U	1.2 U	1.2 U	1.5 U
Total SVOCs		1,132	ND	ND	ND	ND	ND	93	ND	ND	58	ND	ND	ND	ND	ND	250	191.4	ND	251	ND	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis tfied.
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-XC-008			LT-XC-009			LT-XC-010			LT-XC-011			LT-XC-012			LT-XC-013			LT-XC-014			LT-XC-015		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-53830-7	480-53830-8	480-53830-9	480-53830-10	480-53830-11	480-53830-12	480-53830-14	480-53830-15	480-53830-16	480-53830-17	480-53830-18	480-53830-19	480-53830-20	480-53830-21	480-53830-22	480-54381-31	480-54381-32	480-54381-33	480-54381-37	480-54381-38	480-54381-39	480-54421-24	480-54421-25	480-54421-26
Sampling Date:	Use	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	41 U	41 U	43 U	42 U	41 U	39 U	42 U	43 U	39 U	43 U	50 U	43 U	43 U	41 U	39 U	38 U	39 U	38 U	37 U	37 U	38 U	820 U	790 U	42 U
2,4,6-Trichlorophenol	NS	13 U	13 U	13 U	13 U	13 U	12 U	13 U	13 U	12 U	13 U	15 U	13 U	13 U	12 U	12 U	11 U	12 U	12 U	11 U	11 U	12 U	250 U	240 U	13 U
2,4-Dichlorophenol	NS	9.9 U	9.9 U	10 U	10 U	10 U	9.4 U	10 U	10 U	9.3 U	10 U	12 U	10 U	10 U	9.7 U	9.5 U	9.0 U	9.3 U	9.2 U	8.9 U	9.0 U	9.2 U	200 U	190 U	10 U
2,4-Dimethylphenol	NS	51 U	51 U	53 U	52 U	51 U	48 U	52 U	53 U	48 U	53 U	62 U	53 U	53 U	50 U	49 U	47 U	48 U	47 U	46 U	46 U	47 U	1,000 U	970 U	52 U
2,4-Dinitrophenol	NS	66 U	66 U	69 U	68 U	67 U	63 U	67 U	68 U	62 U	69 U	80 U	69 U	69 U	65 U	63 U	60 U	62 U	61 U	60 U	60 U	61 U	1,300 U	1,300 U	68 U
2,4-Dinitrotoluene	NS	29 U	29 U	30 U	30 U	29 U	28 U	30 U	30 U	28 U	30 U	36 U	31 U	30 U	29 U	28 U	27 U	27 U	27 U	26 U	27 U	27 U	580 U	560 U	30 U
2,6-Dinitrotoluene	NS	46 U	46 U	48 U	47 U	47 U	44 U	47 U	48 U	43 U	48 U	56 U	48 U	48 U	45 U	44 U	42 U	43 U	43 U	42 U	42 U	43 U	920 U	880 U	47 U
2-Chloronaphthalene	NS	13 U	13 U	13 U	13 U	13 U	12 U	13 U	13 U	12 U	13 U	15 U	13 U	13 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	12 U	250 U	240 U	13 U
2-Chlorophenol	NS	9.6 U	9.7 U	10 U	9.9 U	9.7 U	9.1 U	9.7 U	9.9 U	9.0 U	10 U	12 U	10 U	10 U	9.5 U	9.2 U	8.8 U	9.0 U	8.9 U	8.7 U	8.7 U	8.9 U	190 U	180 U	9.8 U
2-Methylnaphthalene	NS	2.3 U	2.3 U	2.4 U	2.3 U	2.3 U	2.2 U	2.3 U	2.4 U	2.2 U	2.4 U	2.8 U	2.4 U	2.4 U	2.3 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	45 U	44 U	53 J
2-Methylphenol	NS	5.8 U	5.8 U	6.1 U	6.0 U	5.8 U	5.5 U	5.9 U	6.0 U	5.5 U	6.0 U	7.1 U	6.1 U	6.0 U	5.7 U	5.6 U	5.3 U	5.4 U	5.4 U	5.2 U	5.3 U	5.4 U	120 U	110 U	5.9 U
2-Nitroaniline	NS	61 U	61 U	63 U	62 U	61 U	57 U	61 U	63 U	57 U	63 U	74 U	63 U	63 U	60 U	58 U	55 U	57 U	56 U	55 U	55 U	56 U	1,200 U	1,200 U	62 U
2-Nitrophenol	NS	8.7 U	8.7 U	9.0 U	8.9 U	8.7 U	8.2 U	8.7 U	8.9 U	8.1 U	9.0 U	10 U	9.0 U	9.0 U	8.5 U	8.3 U	7.9 U	8.1 U	8.0 U	7.8 U	7.8 U	8.0 U	170 U	160 U	8.8 U
3,3'-Dichlorobenzidine	NS	170 U	170 U	170 U	170 U	170 U	160 U	170 U	170 U	160 U	170 U	200 U	170 U	170 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	3,300 U	3,200 U	170 U
3-Nitroaniline	NS	44 U	44 U	45 U	45 U	44 U	41 U	44 U	45 U	41 U	45 U	53 U	45 U	45 U	43 U	42 U	40 U	41 U	40 U	39 U	39 U	40 U	860 U	830 U	44 U
4,6-Dinitro-o-cresol[f]	100,000[a]	65 U	66 U	68 U	67 U	66 U	62 U	66 U	67 U	61 U	68 U	79 U	68 U	68 U	64 U	62 U	60 U	61 U	61 U	59 U	59 U	61 U	1,300 U	1,200 U	67 U
4-Bromophenyl phenyl ether	NS	60 U	60 U	63 U	62 U	61 U	57 U	61 U	62 U	57 U	62 U	73 U	63 U	62 U	59 U	57 U	55 U	56 U	56 U	54 U	54 U	56 U	1,200 U	1,100 U	61 U
4-Chloro-3-methylphenol	NS	7.8 U	7.8 U	8.1 U	8.0 U	7.8 U	7.4 U	7.8 U	8.0 U	7.3 U	8.1 U	9.4 U	8.1 U	8.1 U	7.6 U	7.4 U	7.1 U	7.3 U	7.2 U	7.0 U	7.0 U	7.2 U	150 U	150 U	7.9 U
4-Chloroaniline	NS	56 U	56 U	58 U	57 U	56 U	53 U	56 U	57 U	52 U	58 U	67 U	58 U	58 U	55 U	53 U	51 U	52 U	51 U	50 U	50 U	51 U	1,100 U	1,100 U	57 U
4-Chlorophenyl phenyl ether	NS	4.0 U	4.0 U	4.2 U	4.1 U	4.1 U	3.8 U	4.1 U	4.2 U	3.8 U	4.2 U	4.9 U	4.2 U	4.2 U	4.0 U	3.9 U	3.7 U	3.8 U	3.7 U	3.6 U	3.7 U	3.7 U	80 U	77 U	4.1 U
4-Methylphenol	NS	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	9.9 U	11 U	13 U	11 U	11 U	10 U	10 U	9.6 U	9.8 U	9.8 U	9.5 U	9.5 U	41 J	210 U	200 U	11 U
4-Nitroaniline	NS	21 U	21 U	22 U	22 U	21 U	20 U	21 U	22 U	20 U	22 U	26 U	22 U	22 U	21 U	20 U	19 U	20 U	20 U	19 U	19 U	20 U	420 U	400 U	22 U
4-Nitrophenol	NS	46 U	46 U	48 U	47 U	46 U	43 U	46 U	47 U	43 U	47 U	56 U	48 U	47 U	45 U	44 U	42 U	43 U	42 U	41 U	42 U	42 U	910 U	870 U	47 U
Acenaphthene	100,000[a]	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.1 U	2.2 U	2.3 U	2.1 U	2.3 U	2.7 U	2.3 U	2.3 U	2.2 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	99 J	100 J	150 J
Acenaphthylene[f]	100,000[a]	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.6 U	1.6 U	1.5 U	1.6 U	1.9 U	1.6 U	1.6 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	31 U	29 U	16 J
Acetophenone	NS	9.7 U	9.7 U	10 U	10 U	9.8 U	9.2 U	9.8 U	10 U	9.1 U	10 U	12 U	10 U	10 U	9.5 U	9.3 U	8.9 U	9.1 U	9.0 U	8.8 U	8.8 U	9.0 U	190 U	180 U	9.9 U
Anthracene[f]	100,000[a]	4.9 U	4.9 U	5.0 U	5.0 U	4.9 U	4.6 U	4.9 U	5.0 U	4.5 U	5.0 U	5.9 U	5.1 U	5.0 U	4.8 U	4.6 U	4.4 U	4.5 U	4.5 U	4.4 U	4.4 U	4.5 U	190 J	120 J	560
Atrazine	NS	8.4 U	8.4 U	8.8 U	8.6 U	8.5 U	8.0 U	8.5 U	8.7 U	7.9 U	8.7 U	10 U	8.8 U	8.7 U	8.3 UJ	8.0 U	7.7 U	7.9 U	7.8 U	7.6 U	7.6 U	7.8 U	170 U	160 U	8.6 U
Benzaldehyde	NS	21 U	21 U	22 U	21 U	21 U	20 U	21 U	21 U	19 U	21 U	25 U	22 U	21 U	20 U	20 U	19 U	19 U	19 U	19 UJ	19 UJ	19 U	410 U	400 U	21 U
Benzo(a)anthracene[f]	1,000[f]	3.3 U	3.3 U	3.4 U	3.3 U	3.3 U	3.1 U	3.3 U	3.4 U	3.1 U	3.4 U	4.0 U	3.4 U	3.4 U	3.2 U	3.1 U	38 J	3.0 U	3.0 U	34 J	3.0 U	3.0 U	1,100 J	400 J	1,000
Benzo(a)pyrene	1,000[f]	4.6 U	4.6 U	4.7 U	4.7 U	4.6 U	4.3 U	4.6 U	4.7 U	4.3 U	4.7 U	5.5 U	4.8 U	4.7 U	4.5 U	4.4 U	38 J	4.3 U	4.2 U	35 J	31 J	24 J	1,100 J	87 U	910
Benzo(b)fluoranthene[f]	1,000[f]	3.7 U	3.7 U	3.8 U	3.8 U	3.7 U	3.5 U	3.7 U	3.8 U	3.4 U	3.8 U	4.5 U	3.8 U	3.8 U	3.6 U	3.5 U	48 J	3.4 U	3.4 U	52 J	48 J	50 J	1,500 J	480 J	1,000
Benzo(ghi)perylene[f]	100,000[a]	2.3 U	2.3 U	2.4 U	2.3 U	2.3 U	2.1 U	2.3 U	2.3 U	2.1 U	2.4 U	2.8 U	2.4 U	2.4 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	770 J	43 U	690
Benzo(k)fluoranthene[f]	3,900	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.2 U	2.5 U	2.2 U	2.2 U	2.0 U	2.0 U	27 J	1.9 U	1.9 U	1.9 U	17 J	16 J	630 J	280 J	330
Biphenyl	NS	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	12 U	14 U	12 U	12 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	230 U	220 U	20 J
Bis(2-chloroisopropyl)ether	NS	20 U	20 U	21 U	20 UJ	20 U	19 U	20 U	20 U	19 U	20 U	24 U	21 U	20 U	19 UJ	19 U	18 U	18 U	18 U	18 U	18 U	18 U	390 U	380 U	20 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	11 U	11 U	10 U	9.7 U	10 U	11 U	9.7 U	11 U	12 U	11 U	11 U	10 U	9.8 U	9.4 U	9.6 U	9.5 U	9.3 U	9.3 U	9.5 U	200 U	200 U	11 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	17 U	17 U	16 U	15 U	16 U	17 U	15 U	17 U	20 U	17 U	17 U	16 U	16 U	15 U	15 U	15 U	15 U	15 U	15 U	320 U	310 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	61 U	97 J	63 U	62 U	61 U	58 U	61 U	63 U	200	63 U	74 U	64 U	63 U	60 U	58 U	56 U	57 U	56 U	55 UJ	55 UJ	110 J	1,200 U	1,200 U	190 U
Butyl benzyl phthalate	NS	51 U	51 U	53 U	52 U	51 U	48 U	51 U	52 U	48 U	53 U	62 U	53 U	53 U	50 U	49 U	46 U	47 U	47 U	46 UJ	46 UJ	47 U	1,500 J	970 U	52 U
Caprolactum	NS	82 U	82 U	85 U	84 U	82 U	77 U	83 U	84 U	77 U	85 U	99 U	86 U	85 U	80 UJ	78 U	75 U	76 U	76 U	74 U	74 U	76 U	1,600 U	1,600 U	84 U
Carbazole	NS	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.1 U	2.2 U	2.3 U	2.1 U	2.3 U	2.7 U	2.3 U	2.3 U	2.2 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	88 J	110 J	37 J
Chrysene[f]	3,900	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	2.0 U	2.3 U	2.0 U	2.0 U	1.9 U	1.8 U	40 J	1.8 U	1.8 U	34 J	38 J	36 J	1,500 J	570 J	1,100
Dibenzo(a,h)anthracene[f]	330[e]	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.1 U	2.2 U	2.3 U	2.1 U	2.3 U	2.7 U	2.3 U	2.3 U	2.2 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	320 J	42 U	110 J
Dibenzofuran[f]	59,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U	2.0 U	2.4 U	2.1 U	2.0 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	39 U	140 J	55 J
Diethyl phthalate	NS	5.7 U	5.7 U	6.0 U	5.9 U	5.7 U	5.4 U	5.8 U	5.9 U	5.4 U	5.9 U	6.9 U	6.0 U	5.9 U	5.6 U	5.5 U	5.2 U	5.3 U	5.3 U	5.2 U	5.2 U	5.3 U	110 U	110 U	5.8 U
Dimethyl phthalate	NS	4.9 U	4.9 U	5.1 U	5.1 U	5.0 U	4.7 U	5.0 U	5.1 U	4.6 U	5.1 U	6.0 U	5.2 U	5.1 U	4.8 U	4.7 U	4.5 U	4.6 U	4.6 U	4.5 U	4.5 U	4.6 U	98 U	94 U	5.0 U
Di-n-butylphthalate	NS	66 U	66 U	68 U	67 U	66 U	62 U	66 U	67 U	61 U	68 U	79 U	68 U	68 U	64 U	62 U	60 U	61 U	61 U	59 U	59 U	61 U	1,300 U	1,200 U	67 U
Di-n-octylphthalate	NS	4.4 U	4.4 U	4.6 U	4.5 U	4.4 U	4.2 U	4.5 U	4.6 U	4.2 U	4.6 U	5.4 U	4.6 U	4.6 U	4.3 U	4.2 U	4.0 U	4.1 U	4.1 U	4.0 U	4.0 U	4.1 U	87 U	84 U	4.5 U
Fluoranthene[f]	100,000[a]	2.7 U	2.7 U	2.9 U	2.8 U	2.8 U	2.6 U	2.8 U	2.8 U	2.6 U	2.8 U	3.3 U	2.9 U	2.8 U	2.7 U	2.6 U	2.5 U	2.6 U	2.5 U	50 J	60 J	65 J	2,200 J	750 J	1,600
Fluorene	100,000[a]	4.4 U	4.4 U	4.5 U	4.5 U	4.4 U	4.1 U	4.4 U	4.5 U	4.1 U	4.5 U	5.3 U	4.6 U	4.5 U	4.3 U	4.2 U	4.0 U	4.1 U	4.0 U	3.9 U	3.9 U	4.0 U	86 U	160 J	150 J
Hexachlorobenzene	1,200	9.4 U	9.4 U	9.8 U	9.6 U	9.4 U	8.9 U	9.5 U	9.7 U	8.8 U	9.7 U	11 U	9.8 U	9.7 U	9.2 U	9.0 U	8.6 U	8.8 U	8.7 U	8.5 U	8.5 U	8.7 U	190 U	180 U	9.6 U
Hexachlorobutadiene	NS	9.7 U	9.7 U	10 U	9.9 U	9.7 U	9.2 U	9.8 U	10 U	9.1 U	10 U	12 U	10 U	10 U	9.5 U	9.2 U	8.8 U	9.0 U	9.0 U	8.7 U	8.8 U	9.0 U	190 U	180 U	9.9 U
Hexachlorocyclopentadiene	NS	57 U	57 U	60 U	59 U	58 UJ	54 U	58 U	59 U	54 U	59 U	69 U	60 U	59 U	56 U	55 U	52 U	53 U	53 U	52 U	52 U	53 U	1,100 U	1,100 U	58 U
Hexachloroethane	NS	15 U	15 U	15 U	15 U	15 U	14 U	15 U	15 U	14 U	15 U	18 U	15 U	15 U	14 U	14 U	13 U	14 U	14 U	13 U	13 U	14 U	290 U	280 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	5.2 U	5.2 U	5.4 U	5.4 U	5.3 U	4.9 U	5.3 U	5.4 U	4.9 U	5.4 U	6.3 U	5.5 U	5.4 U	5.1 U	5.0 U	4.8 U	4.9 U	4.8 U	4.7 U	4.7 U	4.8 U	790 J	410 J	630
Isophorone	NS	9.5 U	9.5 U	9.8 U	9.7 U	9.5 U	8.9 U	9.5 U	9.8 U	8.9 U	9.8 U	11 U	9.9 U	9.8 U	9.3 U	9.0 U	8.6 U	8.8 U	8.8 U	8.5 U	8.6 U	8.8 U	190 U	180 U	9.7 U
Naphthalene[f]	100,000[a]	3.2 U	3.2 U	3.3 U	3.2 U	3.2 U	3.0 U	3.2 U	3.2 U	3.0 U	3.3 U	3.8 U	3.3 U	3.3 U	3.1 U	3.0 U	2.9 U	2.9 U	2.9 U	2.8 U	2.9 U	2.9 U	62 U	550 J	46 J
Nitrobenzene	NS	8.4 U	8.4 U	8.7 U	8.6 U	8.4 U	7.9 U	8.5 U	8.7 U	7.9 U	8.7 U	10 U	8.8 U	8.7 U	8.2 U	8.0 U	7.6 U	7.8 U	7.8 U	7.6 U	7.6 U	7.8 U	170 U	160 U	8.6 U
n-Nitrosodi-n-propylamine	NS	15 U	15 U	16 U	15 U	15 U	14 U	15 U	15 U	14 U	16 U	18 U	16 U	16 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	300 U	290 U	15 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	11 U	11 U	10 U	9.8 U	10 U	11 U	9.7 U	11 U	13 U	11 U	11 U	10 U	9.9 U	9.4 U	9.7 U	9.6 U	9.3 U	9.4 U	9.6 U	200 U	200 U	11 U
Pentachlorophenol	6,700	65 U	65 U	68 U	67 U	65 U	61 U	65 U	67 U	61 U	67 U	79 U	68 U	67 U	64 U	62 U	59 U	61 U	60 U	59 U	59 U	60 U		R	1,200 U	66 U
Phenanthrene[f]	100,000[a]	4.0 U	4.0 U	4.1 U	4.1 U	4.0 U	3.8 U	4.0 U	4.1 U	3.7 U	4.1 U	4.8 U	4.1 U	4.1 U	3.9 U	3.8 U	40 J	3.7 U	3.7 U	3.6 U	39 J	55 J	950 J	950 J	1,800
Phenol	100,000[a]	20 U	20 U	21 U	20 U	20 U	19 U	20 U	21 U	19 U	21 U	24 U	21 U	21 U	20 U	19 U	18 U	19 U	18 U	18 U	18 U	18 U	390 U	380 U	20 U
Pyrene[f]	100,000[a]	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.3 U	1.1 U	1.3 U	1.5 U	1.3 U	1.3 U	1.2 U	1.2 U	53 J	1.1 U	1.1 U	43 J	57 J	49 J	2,600 J	830 J	3,000
Total SVOCs		ND	97	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	ND	ND	284	ND	ND	248	290	387	15,337	5,850	13,407

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-XC-016			LT-XC-017			LT-XC-018			LT-XC-019			LT-XC-020			LT-XC-021			LT-XC-022		LT-XC-023			LT-XC-024		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'		0-2'	2-4'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-54421-27	480-54421-28	480-54421-29	480-54634-1	480-54634-2	480-54634-3	480-54634-4	480-54634-5	480-54634-13	480-54955-3	480-54955-4	480-54955-5	480-55087-1	480-55087-2	480-55087-3	480-54955-8	480-54955-9		480-54955-6	480-54955-7	480-54955-20	480-54955-21	480-54955-22	480-54955-23	480-54955-24	480-54955-25
Sampling Date:	Use	2/7/2014	2/7/2014	2/7/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/18/2014	2/18/2014	2/18/2014	2/20/2014	2/20/2014	2/20/2014	2/18/2014	2/18/2014		2/18/2014	2/18/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014
Semi-Volatile Organic Compounds																											
2,4,5-Trichlorophenol	NS	770 U	820 U	43 U	39 U	44 U	160 UJ	40 U	400 U	45 U	780 U	390 U	800 U	43 U	45 U	42 U	38 U	39 U		390 U	39 U	3,200 U	40 U	40 U	41 U	39 U	39 U
2,4,6-Trichlorophenol	NS	230 U	250 U	13 U	12 U	13 U	48 UJ	12 U	120 U	14 U	240 U	120 U	240 U	13 U	14 U	13 U	12 U	12 U		120 U	12 U	950 U	12 U	12 U	12 U	12 U	12 U
2,4-Dichlorophenol	NS	180 U	200 U	10 U	9.4 U	11 U	38 UJ	9.6 U	96 U	11 U	190 U	94 U	190 U	10 U	11 U	10 U	9.2 U	9.4 U		93 U	9.3 U	760 U	9.6 U	9.6 U	9.8 U	9.4 U	9.4 U
2,4-Dimethylphenol	NS	950 U	1,000 U	53 U	48 U	54 U	200 UJ	50 U	490 U	56 U	970 U	480 U	990 U	53 U	55 U	52 U	47 U	48 U		480 U	48 U	3,900 U	50 U	49 U	50 U	48 U	49 U
2,4-Dinitrophenol	NS	1,200 U	1,300 U	69 U	63 U	70 U	250 UJ	64 U	640 U	73 U	1,300 U	630 U	1,300 U	69 U	72 U	67 U	61 U	63 U		620 U	62 U	5,100 U	64 U	64 U	65 U	63 U	63 U
2,4-Dinitrotoluene	NS	540 U	580 U	31 U	28 U	31 U	110 UJ	28 U	280 U	32 U	560 U	280 U	570 U	30 U	32 U	30 U	27 U	28 U		270 U	27 U	2,200 U	28 U	28 U	29 U	28 U	28 U
2,6-Dinitrotoluene	NS	860 U	920 U	48 U	44 U	49 U	180 UJ	45 U	450 U	51 U	880 U	440 U	890 U	48 U	50 U	47 U	43 U	44 U		430 U	43 U	3,500 U	45 U	45 U	46 U	44 U	44 U
2-Chloronaphthalene	NS	240 U	250 U	13 U	12 U	13 U	49 UJ	12 U	120 U	14 U	240 U	120 U	240 U	13 U	14 U	13 U	12 U	12 U		120 U	12 U	970 U	12 U	12 U	13 U	12 U	12 U
2-Chlorophenol	NS	180 U	190 U	10 U	9.1 U	10 U	37 UJ	9.3 U	93 U	11 U	180 U	91 U	190 U	10 U	10 U	9.8 U	8.9 U	9.1 U		90 U	9 U	740 U	9.3 U	9.3 U	9.5 U	9.1 U	9.1 U
2-Methylnaphthalene	NS	43 U	82 J	30 J	6.1 J	28 J	8.8 UJ	14 J	130 J	67 J	330 J	56 J	60 J	4.7 J	2.5 U	2.3 U	6.6 J	2.2 U		21 U	3.4 J	180 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U
2-Methylphenol	NS	110 U	120 U	6.1 U	5.5 U	6.2 U	22 UJ	5.6 U	56 U	6.4 U	110 U	55 U	110 U	6 U	6.3 U	5.9 U	5.4 U	5.5 U		55 U	5.5 U	440 U	5.6 U	5.6 U	5.7 U	5.5 U	5.5 U
2-Nitroaniline	NS	1,100 U	1,200 U	63 U	57 U	64 U	230 UJ	59 U	590 U	67 U	1,200 U	570 U	1,200 U	63 U	66 U	62 U	56 U	57 U		570 U	57 U	4,600 U	59 U	59 U	60 U	58 U	58 U
2-Nitrophenol	NS	160 U	170 U	9.0 U	8.2 U	9.2 U	33 UJ	8.4 U	84 U	9.5 U	160 U	82 U	170 U	9 U	9.4 U	8.8 U	8 U	8.2 U		81 U	8.1 U	660 U	8.4 U	8.3 U	8.5 U	8.2 U	8.2 U
3,3'-Dichlorobenzidine	NS	3,100 U	3,300 U	170 U	160 U	180 U	640 UJ	160 U	1,600 UJ	180 UJ	3,200 U	1600 U	3,200 U	170 U	180 U	170 U	150 U	160 U		1,600 U	160 U	13,000 U	160 U	160 U	160 U	160 U	160 U
3-Nitroaniline	NS	810 U	870 U	45 U	41 U	46 U	170 UJ	42 U	420 U	48 U	830 U	410 U	840 U	45 U	47 U	44 U	40 U	41 U		410 U	41 U	3,300 U	42 U	42 U	43 U	41 U	41 U
4,6-Dinitro-o-cresol[c]	100,000[a]	1,200 U	1,300 U	68 U	62 U	69 U	250 UJ	63 U	630 U	72 U	1,200 U	620 U	1,300 U	68 U	71 U	66 U	61 U	62 U		610 U	61 U	5,000 U	63 U	63 U	64 U	62 U	62 U
4-Bromophenyl phenyl ether	NS	1,100 U	1,200 U	63 U	57 U	64 U	230 UJ	58 U	580 U	66 U	1,100 U	570 U	1,200 U	62 U	65 U	61 U	56 U	57 U		560 U	56 U	4,600 U	58 U	58 U	59 U	57 U	57 U
4-Chloro-3-methylphenol	NS	140 U	150 U	8.1 U	7.4 U	8.3 U	30 UJ	7.5 U	75 U	8.6 U	150 U	74 U	150 U	8.1 U	8.5 U	7.9 U	7.2 U	7.4 U		73 U	7.3 U	600 U	7.6 U	7.5 U	7.7 U	7.4 U	7.4 U
4-Chloroaniline	NS	1,000 U	1,100 U	58 U	53 U	59 U	210 UJ	54 U	540 U	61 U	1,100 U	520 U	1,100 U	58 U	60 U	56 U	51 U	53 U		520 U	52 U	4,200 U	54 U	54 U	55 U	53 U	53 U
4-Chlorophenyl phenyl ether	NS	75 U	80 U	4.2 U	3.8 U	4.3 U	15 UJ	3.9 U	39 U	4.4 U	77 U	38 U	78 U	4.2 U	4.4 U	4.1 U	3.7 U	3.8 U		38 U	3.8 U	310 U	3.9 U	3.9 U	4 U	3.8 U	3.8 U
4-Methylphenol	NS	200 U	210 U	84 J	10 U	11 U	40 UJ	10 U	100 U	12 J	200 U	100 U	200 U	11 U	11 U	11 U	9.8 U	10 U		99 U	9.9 U	810 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	NS	390 U	420 U	22 U	20 U	22 U	81 UJ	20 U	200 U	23 U	400 U	200 U	410 U	22 U	23 U	21 U	20 U	20 U		200 U	20 U	1,600 U	21 U	20 U	21 U	20 U	20 U
4-Nitrophenol	NS	850 U	910 U	48 U	43 U	49 U	180 UJ	44 UJ	440 UJ	50 UJ	870 U	430 U	880 U	48 U	50 U	47 U	43 U	43 U		430 U	43 U	3,500 U	44 U	44 U	45 U	43 U	44 UJ
Acenaphthene	100,000[a]	41 U	80 J	22 J	5.6 J	27 J	8.5 UJ	38 J	300 J	220	550 J	59 J	120 J	7.1 J	2.4 U	2.3 U	8.6 J	2.1 U		54 J	11 J	170 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U
Acenaphthylene[f]	100,000[a]	29 U	31 U	17 J	1.5 U	22 J	5.9 UJ	28 J	15 U	69 J	29 U	15 U	30 U	1.6 U	1.7 U	1.6 U	19 J	1.5 U		15 U	18 J	120 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Acetophenone	NS	180 U	190 U	10 U	9.2 U	10 U	37 UJ	9.4 U	94 U	11 U	180 U	92 U	190 U	10 U	11 U	9.9 U	9 U	9.2 U		91 U	9.1 U	740 U	9.4 U	9.4 U	9.6 U	9.2 U	9.2 U
Anthracene[f]	100,000[a]	90 U	110 J	58 J	19 J	73 J	19 UJ	130 J	550 J	420	870 J	100 J	220 J	15 J	5.3 U	4.9 U	46 J	4.6 U		98 J	21 J	370 U	4.7 U	4.7 U	6.8 J	4.6 U	4.6 U
Atrazine	NS	160 U	170 U	8.8 U	8.0 U	16 J	32 UJ	8.2 U	82 U	9.2 U	160 U	80 U	160 U	8.7 U	9.1 U	8.6 U	7.8 U	8 U		79 U	7.9 U	640 U	8.2 U	8.1 U	8.3 U	8 U	8 U
Benzaldehyde	NS	380 U	410 U	55 J	20 U	22 U	240 J	24 J	200 U	24 J	R	200 U	400 U	22 U	23 U	21 U	19 U	20 U		190 U	19 U	R	20 U	R	R	20 U	20 U
Benzo(a)anthracene[f]	1,000[f]	460 J	570 J	170 J	96 J	300	13 UJ	670	1,600 J	1,300 J	1,300 J	420 J	820 J	50 J	3.5 U	3.3 U	300	3.1 U		380 J	120 J	1,200 J	41 J	3.1 U	37 J	3.1 U	3.1 U
Benzo(a)pyrene	1,000[f]	430 J	630 J	140 J	85 J	250	17 UJ	680	1,500 J	1,200	1,000 J	43 U	88 U	4.7 U	5 U	4.6 U	320	4.3 U		43 U	91 J	350 U	35 J	4.4 U	33 J	4.3 U	4.3 U
Benzo(b)fluoranthene[f]	1,000[f]	540 J	800 J	210	120 J	380	14 UJ	970	2,000	1,400	1,100 J	35 U	71 U	3.8 U	4 U	3.7 U	370	3.5 U		34 U	170 J	280 U	46 J	3.5 U	72 J	3.5 U	3.5 U
Benzo(ghi)perylene[f]	100,000[a]	42 U	45 U	130 J	85 J	250	8.7 UJ	510	1,600 J	620	43 U	290 J	44 U	2.4 U	2.5 U	2.3 U	250	2.1 U		21 U	67 J	170 U	36 J	2.2 U	39 J	2.2 U	2.2 U
Benzo(k)fluoranthene[f]	3,900	270 J	340 J	78 J	43 J	180 J	8.0 UJ	370	890 J	530	460 J	20 U	40 U	2.2 U	2.3 U	2.1 U	160 J	2 U		20 U	63 J	160 U	25 J	2 U	25 J	2 U	2 U
Biphenyl	NS	220 U	230 U	13 J	11 U	12 U	45 UJ	11 U	110 U	22 J	220 U	110 U	230 U	12 U	13 U	12 U	11 U	11 U		110 U	11 U	900 U	11 U	11 U	12 U	11 U	11 U
Bis(2-chloroisopropyl)ether	NS	370 U	390 U	21 U	19 U	21 U	76 UJ	19 U	190 U	22 U	380 U	190 U	380 U	21 U	21 U	20 U	18 U	19 U		190 U	19 U	1,500 U	19 U	19 U	19 U	19 U	19 U
Bis(2-chloroethoxy)methane	NS	190 U	200 U	11 U	9.7 U	11 U	39 UJ	10 U	100 U	11 U	200 U	97 U	200 U	11 U	11 U	10 U	9.5 U	9.7 U		96 U	9.6 U	790 U	10 U	9.9 U	10 U	9.8 U	9.8 U
Bis(2-chloroethyl)ether	NS	300 U	320 U	17 U	15 U	17 U	63 UJ	16 U	160 U	18 U	310 U	150 U	320 U	17 U	18 U	17 U	15 U	15 U		150 U	15 U	1,200 U	16 U	16 U	16 U	15 U	16 U
Bis(2-Ethylhexyl)phthalate	NS	1,100 U	1,200 U	64 U	73 J	150 J	230 UJ	63 J	590 UJ	67 UJ	1,200 U	580 U	1,200 U	230	66 U	62 U	120 J	58 U		1,700 J	130 J	4,700 U	63 J	59 U	110 J	58 U	120 J
Butyl benzyl phthalate	NS	940 U	1,000 U	53 U	48 U	54 U	190 UJ	49 UJ	490 UJ	56 UJ	970 UJ	480 U	980 U	53 U	55 U	52 U	47 U	48 U		480 U	48 U	3,900 UJ	49 U	49 UJ	50 UJ	48 U	48 U
Caprolactum	NS	1,500 U	1,600 U	85 U	78 U	87 U	310 UJ	79 U	790 U	90 U	1,600 U	770 U	1,600 U	85 U	89 U	83 U	76 U	77 U		770 U	77 U	6,300 U	79 U	79 U	81 U	78 U	78 U
Carbazole	NS	41 U	44 U	21 J	7.7 J	23 J	8.4 UJ	53 J	400 J	140 J	42 U	21 U	42 U	2.3 U	2.4 U	2.2 U	34 J	2.1 U		21 U	8.5 J	170 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U
Chrysene[f]	3,900	410 J	750 J	260	110 J	410	7.3 UJ	780	2,100 J	1,500 J	1,200 J	450 J	940 J	67 J	2.1 U	1.9 U	320	1.8 U		360 J	130 J	1,300 J	33 J	1.8 U	52 J	1.8 U	1.8 U
Dibenzo(a,h)anthracene[f]	330[e]	41 U	44 U	2.3 U	2.1 U	63 J	8.5 UJ	130 J	22 U	180 J	42 U	21 U	43 U	2.3 U	2.4 U	2.3 U	2.1 U	2.1 U		21 U	2.1 U	170 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U
Dibenzofuran[f]	59,000	37 U	39 U	28 J	3.4 J	16 J	7.5 UJ	21 J	190 J	130 J	37 U	19 U	38 U	2 U	2.1 U	2 U	8.5 J	1.9 U		18 U	4 J	150 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethyl phthalate	NS	110 U	110 U	6.0 U	5.4 U	6.1 U	22 UJ	5.5 U	55 U	6.3 U	110 U	54 U	110 U	5.9 U	6.2 U	5.8 U	5.3 U	5.4 U		54 U	5.4 U	440 U	5.5 U	5.5 U	5.6 U	5.4 U	5.4 U
Dimethyl phthalate	NS	92 U	98 U	5.1 U	4.7 U	5.2 U	19 UJ	4.8 U	48 U	5.4 U	94 U	47 U	95 U	5.1 U	5.4 U	5 U	4.6 U	4.7 U		46 U	4.6 U	380 U	4.8 U	4.8 U	4.9 U	4.7 U	4.7 U
Di-n-butylphthalate	NS	1,200 U	1,300 U	68 U	62 U	69 U	250 UJ	63 U	630 U	72 U	1,200 U	620 U	1,300 U	68 U	71 U	66 U	61 U	62 U		610 U	61 U	5,000 U	63 U	63 U	64 U	62 U	62 U
Di-n-octylphthalate	NS	82 U	88 U	4.6 U	4.2 U	4.7 U	17 UJ	4.3 U	43 UJ	4.9 UJ	84 U	42 U	85 U	4.6 U	4.8 U	4.5 U	4.1 U	4.2 U		41 U	4.1 U	340 U	4.3 U	4.3 U	4.4 U	4.2 U	4.2 U
Fluoranthene[f]	100,000[a]	500 J	680 J	300	120 J	390	11 UJ	1,100	3,500	2,200	1,500 J	620 J	1,200 J	57 J	3 U	2.8 U	390	2.6 U		460 J	180	1,200 J	32 J	2.6 U	45 J	2.6 U	2.6 U
Fluorene	100,000[a]	81 U	87 U	49 J	4.1 U	28 J	17 UJ	40 J	310 J	180 J	370 J	41 U	84 U	11 J	4.7 U	4.4 U	16 J	4.1 U		41 U	4.1 U	330 U	4.2 U	4.2 U	4.3 U	4.1 U	4.1 U
Hexachlorobenzene	1,200	170 U	190 U	9.8 U	8.9 U	10 U	36 UJ	9.1 U	91 U	10 U	180 U	89 U	180 U	9.8 U	10 U	9.6 U	8.7 U	8.9 U		88 U	8.8 U	720 U	9.1 U	9.1 U	9.3 U	8.9 U	8.9 U
Hexachlorobutadiene	NS	180 U	190 U	10 U	9.2 U	10 U	37 UJ	9.4 U	94 U	11 U	180 U	92 U	190 U	10 U	11 U	9.8 U	9 U	9.2 U		91 U	9.1 U	740 U	9.4 U	9.3 U	9.5 U	9.2 U	9.2 U
Hexachlorocyclopentadiene	NS	1,100 U	1,100 U	60 U	54 U	61 U	220 UJ	55 U	550 U	63 U	1,100 U	540 U	1,100 U	59 U	62 U	58 U	53 U	54 U		540 U	54 U	4,400 U	56 U	55 U	56 U	54 U	54 U
Hexachloroethane	NS	270 U	290 U	15 U	14 U	16 U	56 UJ	14 U	140 U	16 U	280 U	140 U	280 U	15 U	16 U	15 U	14 U	14 U		140 U	14 U	1,100 U	14 U	14 U	14 U	14 U	14 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	97 U	100 U	120 J	86 J	270	20 UJ	600	1,600 J	790	99 U	49 U	100 U	5.4 U	5.7 U	5.3 U	250	4.9 U		49 U	89 J	400 U	5.1 U	5 U	45 J	5 U	5 U
Isophorone	NS	180 U	190 U	9.9 U	9.0 U	10 U	36 UJ	9.2 U	92 U	10 U	180 U	89 U	180 U	9.8 U	10 U	9.6 U	8.8 U	8.9 U		89 U	8.9 U	720 U	9.2 U	9.1 U	9.3 U	9 U	9 U
Naphthalene[f]	100,000[a]	58 U	93 J	68 J	6.2 J	33 J	12 UJ	11 J	30 U	130 J	230 J	90 J	61 U	3.3 U	3.4 U	3.2 U	8.3 J	3 U		30 U	3 U	240 U	3.1 U	3 U	3.1 U	3 U	3 U
Nitrobenzene	NS	160 U	170 U	8.7 U	7.9 U	8.9 U	32 UJ	8.1 U	81 U	9.2 U	160 U	79 U	160 U	8.7 U	9.1 U	8.5 U	7.8 U	7.9 U		79 U	7.9 U	640 U	8.1 U	8.1 U	8.3 U	7.9 U	8 U
n-Nitrosodi-n-propylamine	NS	280 U	300 U	16 U	14 U	16 U	57 UJ	15 U	150 U	16 U	280 U	140 U	290 U	16 U	16 U	15 U	14 U	14 U		140 U	14 U	1,100 U	15 U	14 U	15 U	14 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	190 U	210 U	11 U	9.8 U	11 U	40 UJ	10 U	100 U	11 U	200 U	98 U	200 U	11 U	11 U	11 U	9.6 U	9.8 U		97 U	9.7 U	790 U	10 U	10 U	10 U	9.8 U	9.8 U
Pentachlorophenol	6,700	1,200 U	1,300 U	68 U	61 U	69 U	250 UJ	63 U	R	71 U	1,200 U	610 U	1,300 U	67 U	70 U	66 U	60 U	61 U		610 U	61 U	5,000 U	63 U	63 U	64 U	62 U	62 U
Phenanthrene[f]	100,000[a]	320 J	410 J	370	68 J	370	15 UJ	700	3,300	2,300	3,100 J	440 J	880 J	44 J	4.3 U	4 U	250	3.8 U		300 J	54 J	520 J	12 J	3.8 U	25 J	3.8 U	3.8 U
Phenol	100,000[a]	370 U	400 U	21 U	19 U	21 U	76 UJ	19 U	190 U	22 U	380 U	190 U	380 U	21 U	22 U	20 U	18 U	19 U		190 U	19 U	1,500 U	19 U	19 U	20 U	19 U	19 U
Pyrene[f]	100,000[a]	670 J	1,100 J	460	180	720	4.7 UJ	1,400	3,900 J	3,000 J	3,500 J	860 J	1,500 J	110 J	1.3 U	1.2 U	570 J	1.2 U		690 J	250 J	1,500 J	51 J	1.2 U	65 J	1.2 U	1.2 U
Total SVOCs		3,600	5,645	2,683	1,114	3,999	240	8,332	23,870	16,434	15,510	3385	5,740	596	ND	ND	3,447	ND		4,042	1,409.9	5,720	374	ND	555	ND	120

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-XC-025			LT-C-001			LT-C-002			LT-C-003			LT-C-004			LT-C-005			LT-C-006			LT-C-007		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	4-6'	6-8'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	480-55391-7	480-55391-8	480-55391-9	480-532971-1	480-53297-2	480-53297-3	480-53297-8	480-53297-9	480-53297-10	480-53297-12	480-53297-13	480-53297-14	480-53297-15	480-53297-16	480-53297-17	480-53297-18	480-53297-19	480-53297-20	480-53398-11	480-53398-12	480-53398-13	480-53398-14	480-53398-15	480-53398-16
Sampling Date:	Use	2/27/2014	2/27/2014	2/27/2014	1/13/2014	1/13/2014	1/13/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	410 U	400 U	690 U	39 U	39 U	38 U	38 U	38 U	38 U	38 U	37 U	38 U	38 U	39 U	38 U	37 U	38 U	38 U	43 U	42 U	48 U	42 U	44 U	43 U
2,4,6-Trichlorophenol	NS	120 U	120 U	210 U	12 U	12 U	11 U	11 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	12 U	11 U	11 U	11 U	13 U	13 U	15 U	13 U	13 U	13 U
2,4-Dichlorophenol	NS	98 U	97 U	160 U	9.3 U	9.3 U	9.1 U	9.1 U	9.2 U	9.3 U	9.1 U	9.0 U	9.3 U	9.2 U	9.4 U	9.2 U	9.0 U	9.1 U	9.0 U	10 U	10 U	12 U	10 U	11 U	10 U
2,4-Dimethylphenol	NS	500 U	500 U	850 U	48 U	48 U	47 U	47 U	48 U	48 U	47 U	46 U	48 U	48 U	49 U	48 U	46 U	47 U	47 U	54 U	52 U	60 U	52 U	55 U	53 U
2,4-Dinitrophenol	NS	650 UJ	650 U	1,100 U	62 U	62 U	61 U	61 U	62 U	62 U	61 U	60 U	62 U	62 U	63 U	62 U	60 U	61 U	60 U	70 U	67 U	77 U	68 U	71 U	69 U
2,4-Dinitrotoluene	NS	290 U	290 U	490 U	27 U	28 U	27 U	27 U	27 U	27 U	27 U	27 U	27 U	27 U	28 U	27 U	27 U	27 U	27 U	31 U	30 U	34 U	30 U	31 U	31 U
2,6-Dinitrotoluene	NS	460 U	450 U	770 U	43 U	44 U	43 U	42 U	43 U	43 U	42 U	42 U	43 U	43 U	44 U	43 U	42 U	42 U	42 U	49 U	47 U	54 U	47 U	49 U	48 U
2-Chloronaphthalene	NS	130 U	120 U	210 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	13 U	13 U	15 U	13 U	14 U	13 U
2-Chlorophenol	NS	95 U	94 U	160 U	9.0 U	9.1 U	8.8 U	8.8 U	9.0 U	9.0 U	8.8 U	8.8 U	9.0 U	9.0 U	9.2 U	9.0 U	8.8 U	8.8 U	8.8 U	10 U	9.8 U	11 U	9.8 U	10 U	10 U
2-Methylnaphthalene	NS	23 U	27 J	38 U	2.1 U	2.2 U	2.1 U	2.1 U	1,100	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.7 U	2.3 U	2.4 U	2.4 U
2-Methylphenol	NS	57 U	57 U	97 U	5.4 U	5.5 U	5.3 U	5.3 U	5.4 U	5.4 U	5.3 U	5.3 U	5.4 U	5.4 U	5.5 U	5.4 U	5.3 U	5.3 U	5.3 U	6.1 U	5.9 U	6.8 U	5.9 U	6.2 U	6.1 U
2-Nitroaniline	NS	600 U	590 U	1,000 U	57 U	57 U	56 U	56 U	57 U	57 U	56 U	55 U	57 U	57 U	58 U	57 U	55 U	56 U	55 U	64 U	62 U	71 U	62 U	65 U	63 U
2-Nitrophenol	NS	85 U	85 U	140 U	8.1 U	8.1 U	7.9 U	7.9 U	8.1 U	8.1 U	7.9 U	7.9 U	8.1 U	8.1 U	8.2 U	8.1 U	7.9 U	7.9 U	7.9 U	9.1 U	8.8 U	10 U	8.8 U	9.2 U	9.0 U
3,3'-Dichlorobenzidine	NS	1,600 U	1,600 U	2,800 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	150 U	150 U	170 U	170 U	190 U	170 U	180 U	170 U
3-Nitroaniline	NS	430 U	430 U	720 U	41 U	41 U	40 U	40 U	41 U	41 U	40 U	40 U	41 U	41 U	41 U	41 U	40 U	40 U	40 U	46 U	44 U	51 U	44 U	46 U	45 U
4,6-Dinitro-o-cresol[f]	100,000[a]	650 U	640 U	1,100 U	61 U	62 U	60 U	60 U	61 U	61 U	60 U	59 U	61 U	61 U	62 U	61 U	59 U	60 U	60 U	69 U	66 U	76 U	67 U	70 U	68 U
4-Bromophenyl phenyl ether	NS	590 U	590 U	1,000 U	56 U	57 U	55 U	55 U	56 U	56 U	55 U	55 U	56 U	56 U	57 U	56 U	55 U	55 U	55 U	63 U	61 U	70 U	61 U	64 U	63 U
4-Chloro-3-methylphenol	NS	77 U	76 U	130 U	7.3 U	7.3 U	7.1 U	7.1 U	7.3 U	7.3 U	7.1 U	7.1 U	7.3 U	7.3 U	7.4 U	7.3 U	7.1 U	7.1 U	7.1 U	8.2 U	7.9 U	9.1 U	7.9 U	8.3 U	8.1 U
4-Chloroaniline	NS	550 U	540 U	920 U	52 U	52 U	51 U	51 U	52 U	52 U	51 U	50 U	52 U	52 U	53 U	52 U	50 U	51 U	51 U	58 U	56 U	65 U	57 U	59 U	58 U
4-Chlorophenyl phenyl ether	NS	40 U	40 U	67 U	3.8 U	3.8 U	3.7 U	3.7 U	3.8 U	3.8 U	3.7 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.7 U	3.7 U	3.7 U	4.2 U	4.1 U	4.7 U	4.1 U	4.3 U	4.2 U
4-Methylphenol	NS	100 U	100 U	180 U	9.8 U	9.9 U	9.7 U	9.6 U	9.8 U	9.8 U	9.7 U	9.6 U	9.8 U	9.8 U	10 U	9.8 U	9.6 U	9.6 U	9.6 U	11 U	11 U	12 U	11 U	11 U	11 U
4-Nitroaniline	NS	210 U	210 U	350 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U	19 U	19 U	19 U	22 U	21 U	25 U	22 U	23 U	22 U
4-Nitrophenol	NS	450 U	450 U	760 U	43 U	43 U	42 U	42 U	43 U	43 U	42 U	42 U	43 U	43 U	44 U	43 U	42 U	42 U	42 U	48 U	47 U	53 U	47 U	49 U	48 U
Acenaphthene	100,000[a]	84 J	120 J	37 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U	2.0 U	2.0 U	2.0 U	2.3 U	2.3 U	2.6 U	2.3 U	2.4 U	2.3 U
Acenaphthylene[f]	100,000[a]	15 U	15 U	26 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.6 U	1.6 U	1.8 U	1.6 U	1.7 U	1.6 U
Acetophenone	NS	96 U	95 U	160 U	9.1 U	9.1 U	8.9 U	8.9 U	190	9.1 U	8.9 U	8.8 U	9.1 U	9.0 U	9.2 U	9.1 U	8.8 U	8.9 U	8.8 U	10 U	9.9 U	11 U	9.9 U	10 U	10 U
Anthracene[f]	100,000[a]	230 J	360 J	80 U	4.5 U	4.6 U	4.4 U	4.4 U	4.5 U	4.5 U	4.4 U	4.4 U	4.5 U	4.5 U	4.6 U	4.5 U	4.4 U	4.4 U	4.4 U	5.1 U	4.9 U	5.6 U	4.9 U	5.2 U	5.1 U
Atrazine	NS	83 U	83 U	140 U	7.9 U	7.9 U	7.7 U	7.7 U	7.8 U	7.9 U	7.7 U	7.7 U	7.9 U	7.8 U	8.0 U	7.8 U	7.7 U	7.7 U	7.7 U	8.8 U	8.6 U	9.8 U	8.6 U	9.0 U	8.8 U
Benzaldehyde	NS	210 UJ	200 U	340 U	19 U	20 U	19 U	19 U	19 U	19 U	19 UJ	19 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	22 U	21 U	24 U	21 U	22 U	22 U
Benzo(a)anthracene[f]	1,000[f]	930 J	1,500 J	54 U	3.1 U	3.1 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.1 U	3.0 U	3.0 U	3.0 U	3.0 U	3.4 U	3.3 U	3.8 U	3.3 U	3.5 U	3.4 U
Benzo(a)pyrene	1,000[f]	910 J	1,500 J	76 U	4.3 U	4.3 U	4.2 U	4.2 U	4.3 U	4.3 U	4.2 U	4.1 U	4.3 U	4.2 U	4.3 U	4.3 U	4.1 U	4.2 U	4.2 U	4.8 U	4.6 U	5.3 U	4.7 U	4.9 U	4.8 U
Benzo(b)fluoranthene[f]	1,000[f]	1,200 J	1,500 J	61 U	3.4 U	3.5 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.3 U	3.4 U	3.4 U	3.5 U	3.4 U	3.3 U	3.4 U	3.3 U	3.9 U	3.7 U	4.3 U	3.7 U	3.9 U	3.8 U
Benzo(ghi)perylene[f]	100,000[a]	620 J	1,000 J	38 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.4 U	2.3 U	2.6 U	2.3 U	2.4 U	2.4 U
Benzo(k)fluoranthene[f]	3,900	610 J	1,000 J	35 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.2 U	2.1 U	2.4 U	2.1 U	2.2 U	2.2 U
Biphenyl	NS	120 U	120 U	200 U	11 U	11 U	11 U	11 U	460	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	12 U	12 U	14 U	12 U	13 U	12 U
Bis(2-chloroisopropyl)ether	NS	200 U	190 U	330 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	19 U	18 U	18 U	18 U	18 U	21 U	20 U	23 U	20 U	21 U	21 U
Bis(2-chloroethoxy)methane	NS	100 U	100 U	170 U	9.6 U	9.7 U	9.4 U	9.4 U	9.6 U	9.6 U	9.4 U	9.4 U	9.6 U	9.6 U	9.8 U	9.6 U	9.4 U	9.4 U	9.4 U	11 U	10 U	12 U	10 U	11 U	11 U
Bis(2-chloroethyl)ether	NS	160 U	160 U	270 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	16 U	15 U	15 U	15 U	15 U	17 U	17 U	19 U	17 U	17 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	600 U	600 U	1,000 U	57 U	57 U	56 U	56 U	57 U	57 U	56 U	55 U	57 U	57 U	58 U	57 U	55 U	56 U	56 U	64 U	62 U	71 U	62 U	65 U	64 U
Butyl benzyl phthalate	NS	500 U	500 U	840 U	47 U	48 U	47 U	46 U	47 U	47 U	47 U	46 U	47 U	47 U	48 U	47 U	46 U	47 U	46 U	53 U	52 U	59 U	52 U	54 U	53 U
Caprolactum	NS	810 U	800 U	1,400 U	77 U	77 U	75 U	75 U	76 U	76 U	75 UJ	74 U	76 U	76 U	78 U	76 U	74 U	75 U	75 U	86 U	83 U	95 U	83 U	87 U	85 U
Carbazole	NS	54 J	95 J	36 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.3 U	2.2 U	2.6 U	2.2 U	2.3 U	2.3 U
Chrysene[f]	3,900	1,100 J	1,700 J	31 U	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U
Dibenzo(a,h)anthracene[f]	330[e]	22 U	22 U	37 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U	2.0 U	2.0 U	2.0 U	2.3 U	2.3 U	2.6 U	2.3 U	2.4 U	2.3 U
Dibenzofuran[f]	59,000	19 U	51 J	33 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2.1 U	2.0 U	2.3 U	2.0 U	2.1 U	2.1 U
Diethyl phthalate	NS	56 U	56 U	95 U	5.3 U	5.4 U	5.2 U	5.2 U	5.3 U	5.3 U	5.2 U	5.2 U	5.3 U	5.3 U	5.4 U	5.3 U	5.2 U	5.2 U	5.2 U	6.0 U	5.8 U	6.7 U	5.8 U	6.1 U	6.0 U
Dimethyl phthalate	NS	49 U	48 U	82 U	4.6 U	4.6 U	4.5 U	4.5 U	4.6 U	4.6 U	4.5 U	4.5 U	4.6 U	4.6 U	4.7 U	4.6 U	4.5 U	4.5 U	4.5 U	5.2 U	5.0 U	5.8 U	5.0 U	5.3 U	5.1 U
Di-n-butylphthalate	NS	650 U	640 U	1,100 U	61 U	62 U	60 U	60 U	61 U	61 U	60 U	59 U	61 U	61 U	62 U	61 U	59 U	60 U	60 U	69 U	66 U	76 U	67 U	70 U	68 U
Di-n-octylphthalate	NS	44 U	43 U	74 U	4.1 U	4.2 U	4.1 U	4.0 U	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	4.2 U	4.1 U	4.0 U	4.1 U	4.0 U	4.6 U	4.5 U	5.2 U	4.5 U	4.7 U	4.6 U
Fluoranthene[f]	100,000[a]	1,400 J	2,400	46 U	2.6 U	2.6 U	2.5 U	2.5 U	2.6 U	2.6 U	2.5 U	2.5 U	2.6 U	2.6 U	2.6 U	2.6 U	2.5 U	2.5 U	2.5 U	2.9 U	2.8 U	3.2 U	2.8 U	2.9 U	2.9 U
Fluorene	100,000[a]	43 U	43 U	72 U	4.1 U	4.1 U	4.0 U	4.0 U	410	4.1 U	4.0 U	4.0 U	4.1 U	4.1 U	4.1 U	4.1 U	4.0 U	4.0 U	4.0 U	4.6 U	4.4 U	5.1 U	4.4 U	4.7 U	4.5 U
Hexachlorobenzene	1,200	93 U	92 U	160 U	8.8 U	8.8 U	8.6 U	8.6 U	8.8 U	8.8 U	8.6 U	8.5 U	8.8 U	8.8 U	8.9 U	8.8 U	8.5 U	8.6 U	8.6 U	9.9 U	9.6 U	11 U	9.6 U	10 U	9.8 U
Hexachlorobutadiene	NS	96 U	95 U	160 U	9.1 U	9.1 U	8.9 U	8.9 U	9.0 U	9.0 U	8.9 U	8.8 U	9.0 U	9.0 U	9.2 U	9.0 U	8.8 U	8.9 U	8.8 U	10 U	9.8 U	11 U	9.9 U	10 U	10 U
Hexachlorocyclopentadiene	NS	570 UJ	560 U	950 U	53 U	54 U	53 U	52 U	53 U	53 U	52 U	52 U	53 U	53 U	54 U	53 U	52 U	52 U	52 U	60 U	58 U	67 U	58 U	61 U	60 U
Hexachloroethane	NS	140 U	140 U	240 U	14 U	14 U	13 U	13 U	14 U	14 U	13 U	13 U	14 U	14 U	14 U	14 U	13 U	13 U	13 U	15 U	15 U	17 U	15 U	16 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	750 J	1,100 J	87 U	4.9 U	4.9 U	4.8 U	4.8 U	4.9 U	4.9 U	4.8 U	4.8 U	4.9 U	4.9 U	5.0 U	4.9 U	4.8 U	4.8 U	4.8 U	5.5 U	5.3 U	6.1 U	5.3 U	5.6 U	5.5 U
Isophorone	NS	93 U	93 U	160 U	8.8 U	8.9 U	8.7 U	8.7 U	8.8 U	8.8 U	8.7 U	8.6 U	8.8 U	8.8 U	9.0 U	8.8 U	8.6 U	8.7 U	8.6 U	9.9 U	9.6 U	11 U	9.6 U	10 U	9.9 U
Naphthalene[f]	100,000[a]	31 U	1,900 U	52 U	2.9 U	3.0 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	3.0 U	2.9 U	2.9 U	2.9 U	2.9 U	3.3 U	3.2 U	3.7 U	3.2 U	3.4 U	3.3 U
Nitrobenzene	NS	83 U	82 U	140 U	7.8 U	7.9 U	7.7 U	7.7 U	7.8 U	7.8 U	7.7 U	7.6 U	7.8 U	7.8 U	8.0 U	7.8 U	7.6 U	7.7 U	7.6 U	8.8 U	8.5 U	9.8 U	8.6 U	9.0 U	8.7 U
n-Nitrosodi-n-propylamine	NS	150 U	150 U	250 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	16 U	15 U	17 U	15 U	16 U	16 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	100 U	100 U	170 U	9.7 U	9.7 U	9.5 U	9.5 U	9.6 U	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.8 U	9.6 U	9.4 U	9.5 U	9.4 U	11 U	11 U	12 U	11 U	11 U	11 U
Pentachlorophenol	6,700	640 U	640 U	1,100 U	61 U	61 U	60 U	59 U	60 U	61 U	60 UJ	59 U	61 U	60 U	62 U	60 U	59 U	59 U	59 U	68 U	66 U	76 U	66 U	69 U	68 U
Phenanthrene[f]	100,000[a]	1,000 J	1,900	66 U	3.7 U	3.7 U	3.6 U	3.6 U	1,000	3.7 U	3.6 U	3.6 U	3.7 U	3.7 U	3.8 U	3.7 U	3.6 U	3.6 U	3.6 U	4.2 U	4.0 U	4.6 U	4.0 U	4.2 U	4.1 U
Phenol	100,000[a]	200 U	200 U	330 U	19 U	19 U	18 U	18 U	19 U	19 U	18 U	18 U	19 U	19 U	19 U	19 U	18 U	18 U	18 U	21 U	20 U	23 U	20 U	21 U	21 U
Pyrene[f]	100,000[a]	2,300	3,900	20 U	1.1 U	1.2 U	1.1 U	1.1 U	180	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.2 U	1.4 U	1.2 U	1.3 U	1.3 U
Total SVOCs		11,188	18,199	ND	ND	ND	ND	ND	3,160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-008			LT-C-009			LT-C-010			LT-C-011			LT-C-012			LT-C-013			LT-C-014			LT-C-015		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-53398-18	480-53398-19	480-53398-20	480-53398-1	480-53398-2	480-53398-3	480-53398-5	480-53398-6	480-53398-7	480-53398-8	480-53398-9	480-53398-10	480-53482-1	480-53482-2	480-53482-2	480-53472-4	480-53472-5	480-53472-6	480-53472-8	480-53472-9	480-53472-10	480-53472-12	480-53472-13	480-53472-14
Sampling Date:	Use	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	42 U	39 U	40 U	42 U	44 U	40 U	44 U	43 U	40 U	44 U	44 U	40 U	44 U	46 U	45 U	43 U	41 U	41 U	39 U	44 U	40 U	42 U	46 U	42 U
2,4,6-Trichlorophenol	NS	13 U	12 U	12 U	13 U	13 U	12 U	13 U	13 U	12 U	13 U	13 U	12 U	13 U	14 U	14 U	13 U	13 U	12 U	12 U	13 U	12 U	13 U	14 U	13 U
2,4-Dichlorophenol	NS	10 U	9.3 U	9.6 U	10 U	11 U	9.6 U	11 U	10 U	9.6 U	11 U	10 U	9.6 U	11 U	11 U	11 U	10 U	9.9 U	9.9 U	9.4 U	11 U	9.7 U	10 U	11 U	10 U
2,4-Dimethylphenol	NS	52 U	48 U	50 U	52 U	54 U	49 U	54 U	53 U	50 U	55 U	54 U	50 U	55 U	58 U	56 U	53 U	51 U	51 U	48 U	54 U	50 U	52 U	57 U	52 U
2,4-Dinitrophenol	NS	67 U	62 U	64 U	67 U	70 U	64 U	70 U	68 U	64 U	71 U	70 U	64 U	71 U	74 U	72 U	68 U	66 U	66 U	63 U	70 U	65 U	67 U	73 U	68 U
2,4-Dinitrotoluene	NS	30 U	27 U	28 U	30 U	31 U	28 U	31 U	30 U	28 U	32 U	31 U	28 U	32 U	33 U	32 U	30 U	29 U	29 U	28 U	31 U	29 U	30 U	33 U	30 U
2,6-Dinitrotoluene	NS	47 U	43 U	45 U	47 U	49 U	45 U	49 U	48 U	45 U	50 U	49 U	45 U	50 U	52 U	50 U	48 U	46 U	46 U	44 U	49 U	45 U	47 U	51 U	48 U
2-Chloronaphthalene	NS	13 U	12 U	12 U	13 U	14 U	12 U	13 U	13 U	12 U	14 U	13 U	12 U	14 U	14 U	14 U	13 U	13 U	13 U	12 U	14 U	12 U	13 U	14 U	13 U
2-Chlorophenol	NS	9.8 U	9.0 U	9.3 U	9.8 U	10 U	9.3 U	10 U	9.9 U	9.3 U	10 U	10 U	9.4 U	10 U	11 U	10 U	9.9 U	9.6 U	9.6 U	9.1 U	10 U	9.4 U	9.7 U	11 U	9.9 U
2-Methylnaphthalene	NS	2.3 U	2.1 U	2.2 U	2.3 U	2.4 U	2.2 U	2.4 U	2.4 U	2.2 U	2.5 U	2.4 U	2.2 U	2.5 U	2.6 U	2.5 U	2.4 U	2.3 U	2.3 U	2.2 U	2.4 U	2.2 U	2.3 U	2.5 U	2.4 U
2-Methylphenol	NS	5.9 U	5.5 U	5.6 U	5.9 U	6.2 U	5.6 U	6.2 U	6.0 U	5.6 U	6.3 U	6.1 U	5.7 U	6.3 U	6.5 U	6.3 U	6.0 U	5.8 U	5.8 U	5.5 U	6.2 U	5.7 U	5.9 U	6.5 U	6.0 U
2-Nitroaniline	NS	62 U	57 U	59 U	62 U	65 U	59 U	64 U	63 U	59 U	65 U	64 U	59 U	65 U	68 U	66 U	63 U	61 U	61 U	58 U	65 U	59 U	61 U	67 U	62 U
2-Nitrophenol	NS	8.8 U	8.1 U	8.4 U	8.8 U	9.2 U	8.3 U	9.2 U	8.9 U	8.4 U	9.3 U	9.1 U	8.4 U	9.3 U	9.7 U	9.4 U	8.9 U	8.7 U	8.7 U	8.2 U	9.2 U	8.4 U	8.7 U	9.6 U	8.9 U
3,3'-Dichlorobenzidine	NS	170 U	160 U	160 U	170 U	180 U	160 U	180 U	170 U	160 U	180 U	180 U	160 U	180 U	190 U	180 U	170 U	170 U	170 U	160 U	180 U	160 U	170 U	180 U	170 U
3-Nitroaniline	NS	44 U	41 U	42 U	44 U	46 U	42 U	46 U	45 U	42 U	47 U	46 U	42 U	47 U	49 U	47 U	45 U	44 U	44 U	41 U	46 U	42 U	44 U	48 U	45 U
4,6-Dinitro-o-cresol[f]	100,000[a]	67 U	61 U	63 U	67 U	69 U	63 U	69 U	67 U	63 U	70 U	69 U	63 U	70 U	74 U	71 U	67 U	65 U	65 U	62 U	69 U	64 U	66 U	73 U	67 U
4-Bromophenyl phenyl ether	NS	61 U	56 U	58 U	61 U	64 U	58 U	64 U	62 U	58 U	65 U	64 U	59 U	65 U	68 U	65 U	62 U	60 U	60 U	57 U	64 U	59 U	61 U	67 U	62 U
4-Chloro-3-methylphenol	NS	7.9 U	7.3 U	7.5 U	7.9 U	8.3 U	7.5 U	8.3 U	8.0 U	7.5 U	8.4 U	8.2 U	7.6 U	8.4 U	8.8 U	8.5 U	8.0 U	7.8 U	7.8 U	7.4 U	8.3 U	7.6 U	7.9 U	8.6 U	8.0 U
4-Chloroaniline	NS	57 U	52 U	54 U	57 U	59 U	54 U	59 U	57 U	54 U	60 U	59 U	54 U	60 U	62 U	60 U	57 U	56 U	56 U	53 U	59 U	54 U	56 U	62 U	57 U
4-Chlorophenyl phenyl ether	NS	4.1 U	3.8 U	3.9 U	4.1 U	4.3 U	3.9 U	4.3 U	4.2 U	3.9 U	4.3 U	4.3 U	3.9 U	4.3 U	4.5 U	4.4 U	4.2 U	4.0 U	4.0 U	3.8 U	4.3 U	3.9 U	4.1 U	4.5 U	4.1 U
4-Methylphenol	NS	11 U	9.9 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	12 U	11 U	11 U	11 U	11 U	10 U	11 U	10 U	11 U	12 U	11 U
4-Nitroaniline	NS	22 U	20 U	20 U	22 U	22 U	20 U	22 U	22 U	20 U	23 U	22 U	21 U	23 U	24 U	23 U	22 U	21 U	21 U	20 U	22 U	21 U	21 U	23 U	22 U
4-Nitrophenol	NS	47 U	43 U	44 U	47 U	49 U	44 U	49 U	47 U	44 U	49 U	48 U	45 U	49 U	52 U	50 U	47 U	46 U	46 U	43 U	49 U	45 U	46 U	51 U	47 U
Acenaphthene	100,000[a]	2.3 U	2.1 U	2.2 U	2.3 U	2.4 U	2.1 U	2.4 U	2.3 U	2.2 U	2.4 U	2.3 U	2.2 U	2.4 U	2.5 U	2.4 U	2.3 U	2.2 U	2.2 U	2.1 U	2.4 U	2.2 U	2.2 U	2.5 U	2.3 U
Acenaphthylene[f]	100,000[a]	1.6 U	1.5 U	1.5 U	1.6 U	1.6 U	1.5 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.5 U	1.7 U	1.7 U	1.7 U	1.6 U	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.6 U	1.7 U	1.6 U
Acetophenone	NS	9.9 U	9.1 U	9.4 U	9.9 U	10 U	9.4 U	10 U	10 U	9.4 U	10 U	10 U	9.4 U	10 U	11 U	11 U	10 U	9.7 U	9.7 U	9.2 U	10 U	9.5 U	9.8 U	11 U	10 U
Anthracene[f]	100,000[a]	4.9 U	4.5 U	4.7 U	4.9 U	5.2 U	4.7 U	5.1 U	5.0 U	4.7 U	5.2 U	5.1 U	4.7 U	5.2 U	5.5 U	5.3 U	5.0 U	4.9 U	4.9 U	4.6 U	5.2 U	4.7 U	4.9 U	5.4 U	5.0 U
Atrazine	NS	8.6 U	7.9 U	8.2 U	8.6 U	9.0 U	8.1 U	8.9 U	8.7 U	8.2 U	9.1 U	8.9 U	8.2 U	9.1 U	9.5 U	9.1 U	8.7 U	8.4 U	8.4 U	8.0 U	9.0 U	8.2 U	8.5 U	9.3 U	8.6 U
Benzaldehyde	NS	21 U	19 U	20 U	21 U	22 U	20 U	22 U	21 U	20 U	22 U	22 U	20 U	22 U	23 U	23 U	21 U	21 U	21 U	20 UJ	22 UJ	20 U	21 U	23 U	21 U
Benzo(a)anthracene[f]	1,000[f]	3.3 U	3.1 U	3.2 U	3.3 U	3.5 U	3.2 U	3.5 U	3.4 U	3.2 U	3.5 U	3.4 U	3.2 U	3.5 U	3.7 U	3.5 U	3.4 U	3.3 U	3.3 U	3.1 U	3.5 U	3.2 U	3.3 U	3.6 U	3.4 U
Benzo(a)pyrene	1,000[f]	4.6 U	4.3 U	4.4 U	4.6 U	4.8 U	4.4 U	4.8 U	7.4 J	4.4 U	4.9 U	4.8 U	4.4 U	4.9 U	5.1 U	5.0 U	4.7 U	4.6 U	4.6 U	4.3 U	100 J	4.4 U	4.6 U	5.1 U	4.7 U
Benzo(b)fluoranthene[f]	1,000[f]	3.7 U	3.4 U	3.6 U	3.7 U	3.9 U	3.5 U	3.9 U	10 J	3.6 U	4.0 U	3.9 U	3.6 U	4.0 U	4.1 U	4.0 U	3.8 U	3.7 U	3.7 U	5.9 J	3.9 U	3.6 U	3.7 U	4.1 U	3.8 U
Benzo(ghi)perylene[f]	100,000[a]	2.3 U	2.1 U	2.2 U	2.3 U	2.4 U	2.2 U	2.4 U	2.3 U	2.2 U	2.4 U	2.4 U	2.2 U	2.4 U	2.6 U	2.5 U	2.3 U	2.3 U	2.3 U	2.2 U	2.4 U	2.2 U	2.3 U	2.5 U	2.3 U
Benzo(k)fluoranthene[f]	3,900	2.1 U	2.0 U	2.0 U	2.1 U	2.2 U	2.0 U	2.2 U	2.1 U	2.0 U	2.2 U	2.2 U	2.0 U	2.2 U	2.3 U	2.3 U	2.2 U	2.1 U	2.1 U	2.0 U	2.2 U	2.0 U	2.1 U	2.3 U	2.1 U
Biphenyl	NS	12 U	11 U	11 U	12 U	13 U	11 U	13 U	12 U	11 U	13 U	12 U	11 U	13 U	13 U	13 U	12 U	12 U	12 U	11 U	13 U	11 U	12 U	13 U	12 U
Bis(2-chloroisopropyl)ether	NS	20 U	19 U	19 U	20 U	21 U	19 U	21 U	20 U	19 U	21 U	21 U	19 U	21 U	22 U	21 U	20 U	20 U	20 U	19 U	21 U	19 U	20 U	22 U	20 U
Bis(2-chloroethoxy)methane	NS	10 U	9.6 U	10 U	10 U	11 U	9.9 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	12 U	11 U	11 U	10 U	10 U	9.8 U	11 U	10 U	10 U	11 U	11 U
Bis(2-chloroethyl)ether	NS	17 U	15 U	16 U	17 U	17 U	16 U	17 U	17 U	16 U	18 U	17 U	16 U	18 U	18 U	18 U	17 U	16 U	16 U	15 U	17 U	16 U	16 U	18 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	62 U	57 U	59 U	62 U	65 U	59 U	65 U	63 U	59 U	66 U	64 U	59 U	66 U	69 U	66 U	63 U	61 U	61 U	58 U	65 U	59 U	62 U	68 U	63 U
Butyl benzyl phthalate	NS	52 U	48 U	49 U	52 U	54 U	49 U	54 U	52 U	49 U	55 U	54 U	49 U	55 U	57 U	55 U	52 U	51 U	51 U	48 U	54 U	50 U	51 U	56 U	52 U
Caprolactum	NS	83 U	77 U	79 U	83 U	87 U	79 U	87 U	84 U	79 U	88 U	86 U	80 U	88 U	92 U	89 U	85 U	82 U	82 U	78 U	87 U	80 U	83 U	91 U	84 U
Carbazole	NS	2.2 U	2.1 U	2.1 U	2.2 U	2.3 U	2.1 U	2.3 U	2.3 U	2.1 U	2.4 U	2.3 U	2.1 U	2.4 U	2.5 U	2.4 U	2.3 U	2.2 U	2.2 U	2.1 U	2.3 U	2.1 U	2.2 U	2.4 U	2.2 U
Chrysene[f]	3,900	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.8 U	2.0 U	2.0 U	1.8 U	2.0 U	2.1 U	2.1 U	2.0 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	1.9 U	2.1 U	1.9 U
Dibenzo(a,h)anthracene[f]	330[e]	2.3 U	2.1 U	2.2 U	2.3 U	2.4 U	2.1 U	2.4 U	2.3 U	2.2 U	2.4 U	2.3 U	2.2 U	2.4 U	2.5 U	2.4 U	2.3 U	2.2 U	2.2 U	2.1 U	2.4 U	2.2 U	2.2 U	2.5 U	2.3 U
Dibenzofuran[f]	59,000	2.0 U	1.8 U	1.9 U	2.0 U	2.1 U	1.9 U	2.1 U	2.0 U	1.9 U	2.1 U	2.1 U	1.9 U	2.1 U	2.2 U	2.1 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	2.0 U	2.2 U	2.0 U
Diethyl phthalate	NS	5.8 U	5.4 U	5.5 U	5.8 U	6.1 U	5.5 U	6.1 U	5.9 U	5.5 U	6.2 U	6.0 U	5.6 U	6.2 U	6.4 U	6.2 U	5.9 U	5.7 U	5.7 U	5.4 U	6.1 U	5.6 U	5.8 U	6.3 U	5.9 U
Dimethyl phthalate	NS	5.0 U	4.6 U	4.8 U	5.0 U	5.2 U	4.8 U	5.2 U	5.1 U	4.8 U	5.3 U	5.2 U	4.8 U	5.3 U	5.6 U	5.4 U	5.1 U	4.9 U	4.9 U	4.7 U	5.2 U	4.8 U	5.0 U	5.5 U	5.1 U
Di-n-butylphthalate	NS	67 U	61 U	63 U	67 U	70 U	63 U	69 U	67 U	63 U	70 U	69 U	64 U	70 U	74 U	71 U	68 U	65 U	65 U	62 U	70 U	64 U	66 U	73 U	67 U
Di-n-octylphthalate	NS	4.5 U	4.1 U	4.3 U	4.5 U	4.7 U	4.3 U	4.7 U	4.6 U	4.3 U	4.8 U	4.7 U	4.3 U	4.8 U	5.0 U	4.8 U	4.6 U	4.4 U	4.4 U	4.2 U	4.7 U	4.3 U	4.5 U	4.9 U	4.5 U
Fluoranthene[f]	100,000[a]	2.8 U	2.6 U	2.7 U	2.8 U	2.9 U	2.6 U	2.9 U	2.8 U	2.7 U	3.0 U	2.9 U	2.7 U	3.0 U	3.1 U	3.0 U	2.8 U	2.7 U	2.7 U	2.6 U	2.9 U	2.7 U	2.8 U	3.0 U	2.8 U
Fluorene	100,000[a]	4.4 U	4.1 U	4.2 U	4.4 U	4.6 U	4.2 U	4.6 U	4.5 U	4.2 U	4.7 U	4.6 U	4.2 U	4.7 U	4.9 U	4.7 U	4.5 U	4.4 U	4.4 U	4.1 U	4.6 U	4.2 U	4.4 U	4.8 U	4.5 U
Hexachlorobenzene	1,200	9.6 U	8.8 U	9.1 U	9.6 U	10 U	9.1 U	10 U	9.7 U	9.1 U	10 U	9.9 U	9.1 U	10 U	11 U	10 U	9.7 U	9.4 U	9.4 U	8.9 U	10 U	9.2 U	9.5 U	10 U	9.7 U
Hexachlorobutadiene	NS	9.9 U	9.1 U	9.4 U	9.9 U	10 U	9.3 U	10 U	10 U	9.4 U	10 U	10 U	9.4 U	10 U	11 U	11 U	10 U	9.7 U	9.7 U	9.2 U	10 U	9.4 U	9.8 U	11 U	9.9 U
Hexachlorocyclopentadiene	NS	58 U	54 U	55 U	58 U	61 U	55 U	61 U	59 U	55 U	62 U	60 U	56 U	62 U	64 U	62 U	59 U	57 U	57 U	54 U	61 U	56 U	58 U	63 U	59 U
Hexachloroethane	NS	15 U	14 U	14 U	15 U	16 U	14 U	16 U	15 U	14 U	16 U	15 U	14 U	16 U	16 U	16 U	15 U	15 U	15 U	14 U	16 U	14 U	15 U	16 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	5.3 UJ	4.9 U	5.1 U	5.3 U	5.6 U	5.1 U	5.6 U	5.4 U	5.1 U	5.6 U	5.5 U	5.1 U	5.6 U	5.9 U	5.7 U	5.4 U	5.2 U	5.2 U	5.0 U	5.6 U	5.1 U	5.3 U	5.8 U	5.4 U
Isophorone	NS	9.6 U	8.9 U	9.2 U	9.6 U	10 U	9.1 U	10 U	9.8 U	9.2 U	10 U	10 U	9.2 U	10 U	11 U	10 U	9.8 U	9.5 U	9.5 U	9.0 U	10 U	9.2 U	9.5 U	10 U	9.7 U
Naphthalene[f]	100,000[a]	3.2 U	3.0 U	3.1 U	3.2 U	3.3 U	3.0 U	3.3 U	3.2 U	3.1 U	3.4 U	3.3 U	3.1 U	3.4 U	3.5 U	3.4 U	3.3 U	3.2 U	3.2 U	3.0 U	3.3 U	3.1 U	3.2 U	3.5 U	3.2 U
Nitrobenzene	NS	8.5 U	7.9 U	8.1 U	8.5 U	8.9 U	8.1 U	8.9 U	8.7 U	8.1 U	9.0 U	8.9 U	8.2 U	9.0 U	9.4 U	9.1 U	8.7 U	8.4 U	8.4 U	8.0 U	8.9 U	8.2 U	8.5 U	9.3 U	8.6 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	15 U	15 U	16 U	14 U	16 U	15 U	15 U	16 U	16 U	15 U	16 U	17 U	16 U	15 U	15 U	15 U	14 U	16 U	15 U	15 U	17 U	15 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	11 U	9.7 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	12 U	11 U	11 U	10 U	10 U	9.8 U	11 U	10 U	10 U	11 U	11 U
Pentachlorophenol	6,700	66 U	61 U	63 U	66 U	69 U	63 U	69 U	67 U	63 U	70 U	68 U	63 U	70 U	73 U	70 U	67 U	65 U	65 U	62 UJ	69 U	63 U	66 U	72 U	67 U
Phenanthrene[f]	100,000[a]	4.0 U	3.7 U	3.8 U	4.0 U	4.2 U	3.8 U	4.2 U	9.4 J	3.8 U	4.3 U	4.2 U	3.9 U	4.3 U	4.5 U	4.3 U	4.1 U	4.0 U	4.0 U	3.8 U	4.2 U	3.9 U	4.0 U	4.4 U	4.1 U
Phenol	100,000[a]	20 U	19 U	19 U	20 U	21 U	19 U	21 U	21 U	19 U	21 U	21 U	19 U	21 U	22 U	22 U	21 U	20 U	20 U	19 U	21 U	19 U	20 U	22 U	20 U
Pyrene[f]	100,000[a]	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U	1.3 U	1.4 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.4 U	1.3 U
Total SVOCs		ND	ND	ND	ND	ND	ND	ND	26.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	100	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-016			LT-C-017			LT-C-018			LT-C-019			LT-C-020			LT-C-021			LT-C-022			LT-C-023		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-53472-15	480-53472-16	480-53472-18	480-53472-19	480-53472-20	480-53471-1	480-53536-23	480-53536-24	480-53536-25	480-53719-1	480-53719-2	480-53719-3	480-53719-4	480-53719-5	480-53719-6	480-53719-7	480-53719-8	480-53719-9	480-53719-10	480-53719-11	480-53719-12	480-53719-13	480-53719-14	480-53719-15
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	42 U	39 U	38 U	41 U	42 U	39 U	2,400 U	240 U	48 U	41 U	43 U	55 U	41 U	39 U	41 U	46 U	40 U	41 U	42 U	39 U	41 U	46 U	46 U	43 U
2,4,6-Trichlorophenol	NS	13 U	12 U	12 U	12 U	13 U	12 U	730 U	71 U	14 U	12 U	13 U	17 U	12 U	12 U	12 U	14 U	12 U	12 U	13 U	12 U	12 U	14 U	14 U	13 U
2,4-Dichlorophenol	NS	10 U	9.4 U	9.2 U	9.8 U	10 U	9.3 U	580 U	57 U	11 U	9.8 U	10 U	13 U	9.9 U	9.4 U	9.8 U	11 U	9.7 U	9.9 U	10 U	9.3 U	9.9 U	11 U	11 U	10 U
2,4-Dimethylphenol	NS	52 U	48 U	47 U	50 U	52 U	48 U	3,000 U	290 U	59 U	50 U	53 U	68 U	51 U	49 U	51 U	57 U	50 U	51 U	51 U	48 U	51 U	57 U	57 U	53 U
2,4-Dinitrophenol	NS	67 U	63 U	61 U	65 U	67 U	62 U	3,900 U	380 U	76 U	65 U	69 U	88 U	66 U	63 U	65 U	73 U	65 U	66 U	67 U	62 U	66 U	74 U	74 U	69 U
2,4-Dinitrotoluene	NS	30 U	28 U	27 U	29 U	30 U	27 U	1,700 U	170 U	34 U	29 U	31 U	39 U	29 U	28 U	29 U	32 U	29 U	29 U	29 U	28 U	29 U	33 U	33 U	30 U
2,6-Dinitrotoluene	NS	47 U	44 U	43 U	46 U	47 U	43 U	2,700 U	260 U	53 U	46 U	48 U	62 U	46 U	44 U	46 U	51 U	45 U	46 U	47 U	44 U	46 U	51 U	51 U	48 U
2-Chloronaphthalene	NS	13 U	12 U	12 U	13 U	13 U	12 U	750 U	73 U	15 U	13 U	13 U	17 U	13 U	12 U	13 U	14 U	12 U	13 U	13 U	12 U	13 U	14 U	14 U	13 U
2-Chlorophenol	NS	9.8 U	9.1 U	8.9 U	9.5 U	9.7 U	9.0 U	570 U	55 U	11 U	9.5 U	10 U	13 U	9.6 U	9.2 U	9.5 U	11 U	9.4 U	9.6 U	9.7 U	9.1 U	9.6 U	11 U	11 U	10 U
2-Methylnaphthalene	NS	2.3 U	2.2 U	2.1 U	2.3 U	2.3 U	2.1 U	130 U	13 U	2.6 U	2.3 U	2.4 U	3.1 U	2.3 U	2.2 U	2.3 U	2.5 U	2.2 U	2.3 U	2.3 U	2.2 U	2.3 U	2.5 U	2.5 U	2.4 U
2-Methylphenol	NS	5.9 U	5.5 U	5.4 U	5.7 U	5.9 U	5.4 U	340 U	33 U	6.7 U	5.7 U	6.1 U	65 J	49 J	40 J	42 J	52 J	51 J	46 J	43 J	5.5 U	5.8 U	6.5 U	6.5 U	6.0 U
2-Nitroaniline	NS	62 U	58 U	56 U	60 U	61 U	57 U	3,600 U	350 U	70 U	60 U	63 U	81 U	60 U	58 U	60 U	67 U	59 U	60 U	61 U	57 U	61 U	67 U	67 U	63 U
2-Nitrophenol	NS	8.8 U	8.2 U	8.0 U	8.5 U	8.7 U	8.1 U	510 U	49 U	10 U	8.5 U	9.0 U	12 U	8.6 U	8.2 U	8.5 U	9.6 U	8.5 U	8.6 U	8.7 U	8.2 U	8.6 U	9.6 U	9.6 U	9.0 U
3,3'-Dichlorobenzidine	NS	170 U	160 U	150 U	160 U	170 U	160 U	9,700 UJ	950 U	190 U	160 U	170 U	220 U	160 U	160 U	160 U	180 U	160 U	160 U	170 U	160 U	170 U	180 U	180 U	170 U
3-Nitroaniline	NS	44 U	41 U	40 U	43 U	44 U	41 U	2,600 U	250 U	50 U	43 U	45 U	58 U	43 U	41 U	43 U	48 U	43 U	43 U	44 U	41 U	43 U	48 U	48 U	45 U
4,6-Dinitro-o-cresol[c]	100,000[a]	67 U	62 U	61 U	64 U	66 U	61 U	3,800 U	370 U	75 U	64 U	68 U	87 U	65 U	62 U	65 U	72 U	64 U	65 U	66 U	62 U	65 U	73 U	73 U	68 U
4-Bromophenyl phenyl ether	NS	61 U	57 U	56 U	59 U	61 U	56 U	3,500 U	340 U	69 U	59 U	63 U	80 U	60 U	57 U	59 U	67 U	59 U	60 U	61 U	57 U	60 U	67 U	67 U	62 U
4-Chloro-3-methylphenol	NS	7.9 U	7.4 U	7.2 U	7.7 U	7.9 U	7.3 U	460 U	45 U	9.0 U	7.7 U	8.1 U	10 U	7.7 U	7.4 U	7.7 U	8.6 U	7.6 U	7.7 U	7.8 U	7.3 U	7.8 U	8.6 U	8.7 U	8.1 U
4-Chloroaniline	NS	57 U	53 U	51 U	55 U	56 U	52 U	3,300 U	320 U	64 U	55 U	58 U	74 U	55 U	53 U	55 U	61 U	54 U	55 U	56 U	52 U	55 U	62 U	62 U	58 U
4-Chlorophenyl phenyl ether	NS	4.1 U	3.8 U	3.7 U	4.0 U	4.1 U	3.8 U	240 U	23 U	4.6 U	4.0 U	4.2 U	5.4 U	4.0 U	3.8 U	4.0 U	4.5 U	4.0 U	4.0 U	4.1 U	3.8 U	4.0 U	4.5 U	4.5 U	4.2 U
4-Methylphenol	NS	11 U	10 U	9.8 U	10 U	11 U	9.9 U	620 U	60 U	12 U	10 U	11 U	14 U	10 U	10 U	10 U	12 U	10 U	10 U	11 U	9.9 U	11 U	12 U	12 U	11 U
4-Nitroaniline	NS	22 U	20 U	20 U	21 U	21 U	20 U	1,200 U	120 U	24 U	21 U	22 U	28 U	21 U	20 U	21 U	23 U	21 U	21 U	21 U	20 U	21 U	23 U	24 U	22 U
4-Nitrophenol	NS	47 U	43 U	42 U	45 U	46 U	43 U	2,700 U	260 U	53 U	45 U	48 U	61 U	46 U	44 U	45 U	51 U	45 U	46 U	46 U	43 U	46 U	51 U	51 U	48 U
Acenaphthene	100,000[a]	2.3 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	130 U	13 U	2.6 U	2.2 U	2.3 U	3.0 U	2.2 U	2.1 U	2.2 U	2.5 U	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.5 U	2.5 U	2.3 U
Acenaphthylene[f]	100,000[a]	1.6 U	1.5 U	1.4 U	1.5 U	1.6 U	1.4 U	91 U	8.9 U	1.8 U	1.5 U	1.6 U	2.1 U	1.5 U	1.5 U	1.5 U	1.7 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.7 U	1.6 U
Acetophenone	NS	9.9 U	9.2 U	9.0 U	9.6 U	9.8 U	9.1 U	570 U	56 U	11 U	9.6 U	10 U	13 U	9.7 U	9.2 U	9.6 U	11 U	9.5 U	9.7 U	9.8 U	9.2 U	9.7 U	11 U	11 U	10 U
Anthracene[f]	100,000[a]	4.9 U	4.6 U	4.5 U	4.8 U	4.9 U	4.5 U	740 J	28 U	5.6 U	4.8 U	5.1 U	6.5 U	4.8 U	4.6 U	4.8 U	5.4 U	4.7 U	4.8 U	4.9 U	4.6 U	4.8 U	5.4 U	5.4 U	5.0 U
Atrazine	NS	8.6 U	8.0 U	7.8 U	8.3 U	8.5 U	7.9 U	490 U	48 U	9.7 U	8.3 U	8.8 U	11 U	8.4 U	8.0 U	8.3 U	9.3 U	8.3 U	8.4 U	8.5 U	7.9 U	8.4 U	9.4 U	9.4 U	8.7 U
Benzaldehyde	NS	21 U	20 U	19 U	20 U	21 U	19 U	1,200 UJ	120 UJ	24 U	20 U	22 U	28 U	21 U	20 U	21 U	23 U	20 U	21 U	21 U	20 U	21 U	23 U	23 U	22 U
Benzo(a)anthracene[f]	1,000[f]	20 J	3.1 U	3.0 U	3.2 U	3.3 U	3.1 U	4,000 J	19 U	3.8 U	3.2 U	3.4 U	4.4 U	3.2 U	3.1 U	3.2 U	3.6 U	3.2 U	3.2 U	3.3 U	3.1 U	3.3 U	3.6 U	3.6 U	3.4 U
Benzo(a)pyrene	1,000[f]	4.6 U	4.3 U	4.2 U	4.5 U	4.6 U	4.3 U	2,900 J	68 J	5.3 U	4.5 U	4.8 U	6.1 U	4.5 U	4.3 U	4.5 U	5.0 U	4.5 U	4.5 U	4.6 U	4.3 U	4.6 U	5.1 U	5.1 U	4.7 U
Benzo(b)fluoranthene[f]	1,000[f]	3.7 U	3.5 U	3.4 U	3.6 U	3.7 U	3.4 U	4,500 J	90 J	4.2 U	3.6 U	3.8 U	4.9 U	3.6 U	3.5 U	3.6 U	4.1 U	3.6 U	3.6 U	3.7 U	3.5 U	3.7 U	4.1 U	4.1 U	3.8 U
Benzo(ghi)perylene[f]	100,000[a]	2.3 U	2.2 U	2.1 U	2.2 U	2.3 U	2.1 U	3,000 J	37 J	2.6 U	2.2 U	2.4 U	3.0 U	2.3 U	2.2 U	2.2 U	2.5 U	2.2 U	2.3 U	2.3 U	2.1 U	2.3 U	2.5 U	2.5 U	2.4 U
Benzo(k)fluoranthene[f]	3,900	2.1 U	2.0 U	1.9 U	2.1 U	2.1 U	1.9 U	2,100 J	48 J	2.4 U	2.1 U	2.2 U	2.8 U	2.1 U	2.0 U	2.1 U	2.3 U	2.0 U	2.1 U	2.1 U	2.0 U	2.1 U	2.3 U	2.3 U	2.2 U
Biphenyl	NS	12 U	11 U	11 U	12 U	12 U	11 U	690 U	67 U	14 U	12 U	12 U	16 U	12 U	11 U	12 U	13 U	12 U	12 U	12 U	11 U	12 U	13 U	13 U	12 U
Bis(2-chloroisopropyl)ether	NS	20 U	19 U	18 U	19 U	20 U	19 U	1,200 U	110 U	23 U	19 U	21 U	26 U	20 U	19 U	20 U	22 U	19 U	20 U	20 U	19 U	20 U	22 U	22 U	21 U
Bis(2-chloroethoxy)methane	NS	10 U	9.8 U	9.5 U	10 U	10 U	9.6 U	600 U	59 U	12 U	10 U	11 U	14 U	10 U	9.8 U	10 U	11 U	10 U	10 U	10 U	9.7 U	10 U	11 U	11 U	11 U
Bis(2-chloroethyl)ether	NS	17 U	15 U	15 U	16 U	17 U	15 U	960 U	93 U	19 U	16 U	17 U	22 U	16 U	16 U	16 U	18 U	16 U	16 U	16 U	15 U	16 U	18 U	18 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	62 U	58 U	360	60 U	62 U	57 U	3,600 UJ	350 U	70 U	60 U	96 J	81 U	61 U	58 U	60 U	68 U	60 U	180 J	83 J	57 U	61 U	68 U	68 U	63 U
Butyl benzyl phthalate	NS	52 U	48 U	47 U	50 U	51 U	48 U	3,000 UJ	290 U	59 U	50 U	53 U	68 U	51 U	48 U	50 U	56 U	50 U	50 U	51 U	48 U	51 U	56 U	56 U	53 U
Caprolactum	NS	83 U	78 U	76 U	81 U	83 U	77 U	4,800 U	470 U	94 U	81 U	86 U	110 U	81 U	78 U	81 U	91 U	80 U	81 U	82 U	77 U	82 U	91 U	91 U	85 U
Carbazole	NS	2.2 U	2.1 U	2.0 U	2.2 U	2.2 U	2.0 U	130 U	13 U	2.5 U	2.2 U	2.3 U	2.9 U	2.2 U	2.1 U	2.2 U	2.4 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.4 U	2.4 U	2.3 U
Chrysene[f]	3,900	13 J	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	4,400 J	81 J	2.2 U	1.9 U	2.0 U	2.5 U	1.9 U	1.8 U	1.9 U	2.1 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	2.1 U	2.0 U
Dibenzo(a,h)anthracene[f]	330[e]	2.3 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	130 U	13 U	2.6 U	2.2 U	2.3 U	3.0 U	2.2 U	2.1 U	2.2 U	2.5 U	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.5 U	2.5 U	2.3 U
Dibenzofuran[f]	59,000	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	120 U	11 U	2.3 U	1.9 U	2.1 U	2.6 U	2.0 U	1.9 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.2 U	2.2 U	2.0 U
Diethyl phthalate	NS	5.8 U	5.4 U	5.3 U	5.6 U	5.8 U	5.4 U	340 U	33 U	6.6 U	5.6 U	6.0 U	7.6 U	5.7 U	5.4 U	5.6 U	6.3 U	5.6 U	5.7 U	5.8 U	5.4 U	5.7 U	6.4 U	6.4 U	5.9 U
Dimethyl phthalate	NS	5.0 U	4.7 U	4.6 U	4.9 U	5.0 U	4.6 U	290 U	28 U	5.7 U	4.9 U	5.2 U	6.6 U	4.9 U	4.7 U	4.9 U	5.5 U	4.8 U	4.9 U	5.0 U	4.7 U	4.9 U	5.5 U	5.5 U	5.1 U
Di-n-butylphthalate	NS	67 U	62 U	61 U	64 U	66 U	61 U	3,800 U	370 U	75 U	64 U	68 U	87 U	65 U	62 U	65 U	72 U	64 U	65 U	66 U	62 U	65 U	73 U	73 U	68 U
Di-n-octylphthalate	NS	4.5 U	4.2 U	4.1 U	4.4 U	4.5 U	4.1 U	260 UJ	25 U	5.1 U	4.4 U	4.6 U	5.9 U	4.4 U	4.2 U	4.4 U	4.9 U	4.3 U	4.4 U	4.5 U	4.2 U	4.4 U	4.9 U	4.9 U	4.6 U
Fluoranthene[f]	100,000[a]	14 J	2.6 U	2.5 U	2.7 U	2.8 U	2.6 U	6,700 J	150 J	3.2 U	2.7 U	2.9 U	3.7 U	2.7 U	2.6 U	2.7 U	8.2 J	2.7 U	2.7 U	12 J	2.6 U	2.7 U	3.0 U	3.0 U	2.8 U
Fluorene	100,000[a]	4.4 U	4.1 U	4.0 U	4.3 U	4.4 U	4.1 U	260 U	25 U	5.0 U	4.3 U	4.6 U	5.8 U	4.3 U	4.1 U	4.3 U	4.8 U	4.3 U	4.3 U	4.4 U	4.1 U	4.4 U	4.8 U	4.8 U	4.5 U
Hexachlorobenzene	1,200	9.6 U	8.9 U	8.7 U	9.3 U	9.5 U	8.8 U	550 U	54 U	11 U	9.3 U	9.8 U	13 U	9.3 U	8.9 U	9.3 U	10 U	9.2 U	9.3 U	9.5 U	8.9 U	9.4 U	10 U	10 U	9.8 U
Hexachlorobutadiene	NS	9.9 U	9.2 U	9.0 U	9.5 U	9.8 U	9.1 U	570 U	55 U	11 U	9.5 U	10 U	13 U	9.6 U	9.2 U	9.6 U	11 U	9.5 U	9.6 U	9.7 U	9.1 U	9.7 U	11 U	11 U	10 U
Hexachlorocyclopentadiene	NS	58 U	54 U	53 U	56 U	58 U	54 U	3,400 U	330 U	66 U	56 U	60 U	76 U	57 U	54 U	57 U	63 U	56 U	57 U	58 U	54 U	57 U	64 U	64 U	59 U
Hexachloroethane	NS	15 U	14 U	14 U	14 U	15 U	14 U	860 U	84 U	17 U	14 U	15 U	20 U	15 U	14 U	14 U	16 U	14 U	15 U	15 U	14 U	15 U	16 U	16 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	5.3 U	5.0 U	4.8 U	5.2 U	5.3 U	4.9 U	2,700 J	30 U	6.0 U	5.2 U	5.5 U	7.0 U	5.2 U	5.0 U	5.2 U	5.8 U	5.1 U	5.2 U	5.3 U	4.9 U	5.2 U	5.8 U	5.8 U	5.4 U
Isophorone	NS	9.6 U	9.0 U	8.8 U	9.3 U	9.6 U	8.9 U	550 U	54 U	11 U	9.3 U	9.9 U	13 U	9.4 U	9.0 U	9.3 U	10 U	9.3 U	9.4 U	9.5 U	8.9 U	9.4 U	11 U	11 U	9.8 U
Naphthalene[f]	100,000[a]	3.2 U	3.0 U	2.9 U	3.1 U	3.2 U	2.9 U	180 U	18 U	3.6 U	3.1 U	3.3 U	4.2 U	3.1 U	3.0 U	3.1 U	3.5 U	3.1 U	3.1 U	3.2 U	3.0 U	3.1 U	3.5 U	3.5 U	3.3 U
Nitrobenzene	NS	8.5 U	7.9 U	7.8 U	8.3 U	8.5 U	7.9 U	490 U	48 U	9.7 U	8.3 U	8.8 U	11 U	8.3 U	8.0 U	8.3 U	9.3 U	8.2 U	8.3 U	8.4 U	7.9 U	8.4 U	9.3 U	9.3 U	8.7 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	14 U	15 U	15 U	14 U	880 U	86 U	17 U	15 U	16 U	20 U	15 U	14 U	15 U	17 U	15 U	15 U	15 U	14 U	15 U	17 U	17 U	16 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	11 U	9.8 U	9.6 U	10 U	10 U	9.7 U	610 U	59 U	12 U	10 U	11 U	14 U	10 U	9.8 U	10 U	11 U	10 U	10 U	10 U	9.7 U	10 U	11 U	12 U	11 U
Pentachlorophenol	6,700	66 U	61 U	60 U	64 U	66 U	61 U	3,800 U	370 UJ	75 U	64 U	68 U	87 U	65 U	62 U	64 U	72 U	64 U	65 U	65 U	61 U	65 U	72 U	72 U	67 U
Phenanthrene[f]	100,000[a]	4.0 U	3.8 U	3.7 U	3.9 U	4.0 U	3.7 U	5,600 J	67 J	4.6 U	3.9 U	4.1 U	5.3 U	3.9 U	3.8 U	3.9 U	4.4 U	3.9 U	3.9 U	4.0 U	3.7 U	4.0 U	4.4 U	4.4 U	4.1 U
Phenol	100,000[a]	20 U	19 U	18 U	20 U	20 U	19 U	1,200 U	110 U	23 U	20 U	21 U	27 U	20 U	19 U	20 U	22 U	20 U	20 U	20 U	19 U	20 U	22 U	22 U	21 U
Pyrene[f]	100,000[a]	19 J	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	9,200 J	110 J	1.4 U	1.2 U	1.3 U	1.6 U	1.2 U	1.2 U	1.2 U	12 J	1.2 U	1.2 U	14 J	1.2 U	1.2 U	1.4 U	1.4 U	1.3 U
Total SVOCs		66	ND	360	ND	ND	ND	45,840	651	ND	ND	96	65	49	40	42	72.2	51	226	152	ND	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-024			LT-C-025			LT-C-026			LT-C-027			LT-C-028			LT-C-029			LT-C-030			LT-C-031		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Resdential	480-53719-17	480-53719-18	480-53719-19	480-53719-20	480-53719-21	480-53719-22	480-53782-1	480-53782-2	480-53782-3	480-53782-4	480-53782-5	480-53782-6	480-53877-1	480-53877-2	480-53877-3	480-53877-4	480-53877-5	480-53877-6	480-54019-1	480-54019-2	480-54019-3	480-54019-4	480-54019-5	480-54019-6
Sampling Date:	Use	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/24/2014	1/24/2014	1/24/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	410 U	42 U	43 U	390 U	800 U	200 U	410 U	450 U	420 U	39 U	45 U	45 U	41 U	43 U	40 U	46 U	44 U	45 U	210 U	40 U	44 U	42 U	41 U	41 U
2,4,6-Trichlorophenol	NS	120 U	13 U	13 U	120 U	240 U	60 U	120 U	140 U	130 U	12 U	14 U	14 U	12 U	13 U	12 U	14 U	13 U	14 U	63 U	12 U	13 U	13 U	12 U	13 U
2,4-Dichlorophenol	NS	99 U	10 U	10 U	94 U	190 U	1,000	99 U	110 U	100 U	9.3 U	11 U	11 U	9.9 U	10 U	9.6 U	11 U	10 U	11 U	50 U	9.6 U	11 U	10 U	9.9 U	10 U
2,4-Dimethylphenol	NS	510 U	52 U	53 U	490 U	990 U	240 U	510 U	560 U	520 U	48 U	56 U	56 U	51 U	53 U	49 U	56 U	54 U	56 U	260 U	50 U	55 U	52 U	51 U	51 U
2,4-Dinitrophenol	NS	660 U	67 U	69 U	630 U	1,300 U	320 U	660 U	720 U	680 U	62 U	72 U	73 U	66 U	68 U	64 U	73 U	70 U	73 U	330 U	64 U	71 U	68 U	66 U	66 U
2,4-Dinitrotoluene	NS	290 U	30 U	30 U	280 U	570 U	140 U	290 U	320 U	300 U	28 U	32 U	32 U	29 U	30 U	28 U	32 U	31 U	32 U	150 U	28 U	31 U	30 U	29 U	29 U
2,6-Dinitrotoluene	NS	460 U	47 U	48 U	440 U	900 U	220 U	460 U	510 U	470 U	44 U	50 U	51 U	46 U	48 U	45 U	51 U	49 U	51 U	230 U	45 U	49 U	47 U	46 U	46 U
2-Chloronaphthalene	NS	130 U	13 U	13 U	120 U	250 U	61 U	130 U	140 U	130 U	12 U	14 U	14 U	13 U	13 U	12 U	14 U	13 U	14 U	64 U	12 U	14 U	13 U	13 U	13 U
2-Chlorophenol	NS	96 U	9.8 U	10 U	91 U	190 U	46 U	96 U	110 U	98 U	9.1 U	10 U	11 U	9.6 U	10 U	9.3 U	11 U	10 U	11 U	48 U	9.4 U	10 U	9.8 U	9.6 U	9.7 U
2-Methylnaphthalene	NS	23 U	300	1,600	22 U	44 U	2,500	23 U	57 J	90 J	2.2 U	2.5 U	2.5 U	2.3 U	2.4 U	2.2 U	2.5 U	2.4 U	2.5 U	430 J	68 J	2.4 U	2.3 U	2.3 U	2.3 U
2-Methylphenol	NS	58 U	52 J	6.0 U	55 U	110 U	28 U	58 U	63 U	59 U	5.5 U	6.3 U	6.4 U	5.8 U	6.0 U	5.6 U	6.4 U	6.2 U	6.4 U	29 U	5.6 U	6.2 U	5.9 U	5.8 U	5.8 U
2-Nitroaniline	NS	610 U	62 U	63 U	580 U	1,200 U	290 U	600 U	660 U	620 U	57 U	66 U	66 U	60 U	63 U	59 U	67 U	64 U	66 U	300 U	59 U	65 U	62 U	60 U	61 U
2-Nitrophenol	NS	87 U	8.8 U	9.0 U	82 U	170 U	41 U	86 U	94 U	88 U	8.1 U	9.4 U	9.5 U	8.6 U	8.9 U	8.3 U	9.5 U	9.1 U	9.5 U	43 U	8.4 U	9.2 U	8.8 U	8.6 U	8.7 U
3,3'-Dichlorobenzidine	NS	1700 U	170 UJ	170 UJ	1,600 U	3,200 U	790 U	1,700 U	1,800 U	1,700 U	160 U	180 U	180 U	170 U	170 U	160 U	180 U	180 U	180 U	830 U	160 U	180 U	170 U	170 U	170 U
3-Nitroaniline	NS	440 U	44 U	45 U	410 U	840 U	210 U	430 U	470 U	440 U	41 U	47 U	48 U	43 U	45 U	42 U	48 U	46 U	48 U	220 U	42 U	46 U	44 U	43 U	44 U
4,6-Dinitro-o-cresol[f]	100,000[a]	650 U	66 U	68 U	620 U	1,300 U	310 U	650 U	710 U	670 U	61 U	71 U	72 U	65 U	68 U	63 U	72 U	69 U	72 U	330 U	63 U	70 U	67 U	65 U	66 U
4-Bromophenyl phenyl ether	NS	600 U	61 U	63 U	570 U	1,200 U	290 U	600 U	660 U	610 U	57 U	66 U	66 U	60 U	62 U	58 U	66 U	64 U	66 U	300 U	58 U	64 U	61 U	60 U	60 U
4-Chloro-3-methylphenol	NS	78 U	7.9 U	8.1 U	74 U	150 U	37 U	78 U	85 U	79 U	7.3 U	8.5 U	8.5 U	7.8 U	8.0 U	7.5 U	8.6 U	8.2 U	8.5 U	39 U	7.6 U	8.3 U	7.9 U	7.8 U	7.8 U
4-Chloroaniline	NS	560 U	56 U	58 U	530 U	1,100 U	270 U	550 U	610 U	570 U	52 U	60 U	61 U	55 U	57 U	54 U	61 U	59 U	61 U	280 U	54 U	59 U	57 U	55 U	56 U
4-Chlorophenyl phenyl ether	NS	40 U	4.1 U	4.2 U	38 U	78 U	19 U	40 U	44 U	41 U	3.8 U	4.4 U	4.4 U	4.0 U	4.2 U	3.9 U	4.5 U	4.3 U	4.4 U	20 U	3.9 U	4.3 U	4.1 U	4.0 U	4.0 U
4-Methylphenol	NS	110 U	11 U	11 U	100 U	200 U	50 U	110 U	110 U	110 U	9.9 U	11 U	12 U	10 U	11 U	10 U	12 U	11 U	12 U	53 U	10 U	11 U	11 U	10 U	11 U
4-Nitroaniline	NS	210 U	21 U	22 U	200 U	410 U	100 U	210 U	230 U	220 U	20 U	23 U	23 U	21 U	22 U	20 U	23 U	22 U	23 U	110 U	21 U	23 U	22 U	21 U	21 U
4-Nitrophenol	NS	460 U	47 U	R	440 U	890 U	220 U	460 U	500 U	470 U	43 U	50 U	50 U	46 U	47 U	44 U	51 U	48 U	50 U	230 U	45 U	49 U	47 U	46 U	46 U
Acenaphthene	100,000[a]	22 U	2.3 U	2.3 U	21 U	43 U	610 J	22 U	24 U	23 U	2.1 U	2.4 U	2.4 U	2.2 U	2.3 U	2.1 U	2.5 U	2.4 U	2.4 U	9,400	560	2.4 U	2.3 U	2.2 U	2.2 U
Acenaphthylene[f]	100,000[a]	15 U	1.6 U	1.6 U	15 U	30 U	7.4 U	15 U	17 U	16 U	1.5 U	1.7 U	1.7 U	1.5 U	1.6 U	1.5 U	1.7 U	1.6 U	1.7 U	7.8 U	1.5 U	1.7 U	1.6 U	180 J	1.6 U
Acetophenone	NS	97 U	9.9 U	10 U	92 U	190 U	46 U	97 U	110 U	99 U	9.1 U	11 U	11 U	9.7 U	10 U	9.4 U	11 U	10 U	11 U	49 U	9.4 U	10 U	9.9 U	9.7 U	9.7 U
Anthracene[f]	100,000[a]	94 J	4.9 U	5.0 U	46 U	94 U	330 J	430 J	530 J	430 J	4.6 U	5.3 U	5.3 U	4.8 U	5.0 U	4.7 U	5.3 U	5.1 U	5.3 U	23,000	1,600	5.2 U	28 J	230	4.9 U
Atrazine	NS	84 U	8.6 U	8.8 U	80 U	160 U	40 U	84 U	92 U	86 U	7.9 U	9.2 U	9.2 U	8.4 U	8.7 U	8.1 U	9.3 U	8.9 U	9.2 U	42 U	8.2 U	9.0 U	8.6 U	8.4 U	8.4 U
Benzaldehyde	NS	210 U	21 UJ	22 U	200 U	400 U	99 UJ	210 U	230 U	210 U	20 U	23 U	23 U	21 U	21 U	20 U	23 U	22 U	23 U	100 U	20 U	22 U	21 U	21 U	21 U
Benzo(a)anthracene[f]	1,000[c]	540 J	56 J	3.4 UJ	31 U	63 U	43 J	1,300 J	710 J	620 J	25 J	3.6 U	3.6 U	3.3 U	3.4 U	3.2 U	3.6 U	3.5 U	3.6 U	23,000	1,300	3.5 U	60 J	2,300	3.3 U
Benzo(a)pyrene	1,000[c]	540 J	43 J	4.7 U	43 U	88 U	22 U	1,000 J	550 J	440 J	18 J	5.0 U	5.0 U	4.5 U	4.7 U	4.4 U	5.0 U	4.8 U	5.0 U	18,000	1,100	4.9 U	54 J	2,100	4.6 U
Benzo(b)fluoranthene[f]	1,000[c]	800 J	86 J	3.8 U	35 U	71 U	18 U	1,400 J	640 J	590 J	32 J	4.0 U	4.0 U	3.7 U	3.8 U	3.5 U	4.1 U	3.9 U	4.0 U	20,000	1,000	3.9 U	67 J	2,900	3.7 U
Benzo(ghi)perylene[f]	100,000[a]	460 J	60 J	2.4 U	22 U	44 U	11 U	810 J	390 J	340 J	24 J	2.5 U	2.5 U	2.3 U	2.3 U	2.2 U	2.5 U	2.4 U	2.5 U	7,400	550	2.4 U	29 J	760	2.3 U
Benzo(k)fluoranthene[f]	3,900	300 J	34 J	2.2 U	20 U	40 U	10 U	550 J	330 J	230 J	15 J	2.3 U	2.3 U	2.1 U	2.2 U	2.0 U	2.3 U	2.2 U	2.3 U	8,800	480	2.2 U	23 J	1,100	2.1 U
Biphenyl	NS	120 U	480	1,400	110 U	230 U	56 U	120 U	130 U	120 U	11 U	13 U	13 U	12 U	12 U	11 U	13 U	12 U	13 U	480 J	43 J	13 U	12 U	12 U	12 U
Bis(2-chloroisopropyl)ether	NS	200 U	20 U	21 U	190 U	380 U	95 U	200 U	220 U	200 U	19 U	22 U	22 U	20 U	20 U	19 U	22 U	21 U	22 U	99 UJ	19 UJ	21 U	20 U	20 UJ	20 U
Bis(2-chloroethoxy)methane	NS	100 U	10 U	11 U	98 U	200 U	49 U	100 U	110 U	110 U	9.7 U	11 U	11 U	10 U	11 U	9.9 U	11 U	11 U	11 U	52 U	10 U	11 U	11 U	10 U	10 U
Bis(2-chloroethyl)ether	NS	160 U	17 U	17 U	160 U	320 U	78 U	160 U	180 U	170 U	15 U	18 U	18 U	16 U	17 U	16 U	18 U	17 U	18 U	82 U	16 U	17 U	17 U	16 U	16 U
Bis(2-Ethylhexyl)phthalate	NS	610 U	270 J	63 UJ	580 U	1,200 U	290 U	610 UJ	660 UJ	620 UJ	57 U	66 UJ	67 U	61 U	63 U	59 U	67 U	64 U	67 U	310 U	59 U	65 U	62 U	61 U	61 U
Butyl benzyl phthalate	NS	510 U	52 UJ	53 UJ	480 U	980 U	240 U	510 U	550 U	520 U	48 U	55 U	56 U	51 U	53 U	49 U	56 U	54 U	56 U	260 U	49 U	54 U	52 U	51 U	51 U
Caprolactum	NS	820 U	83 U	85 U	780 U	19,000	12,000	820 U	890 U	840 U	77 U	89 U	90 U	82 U	85 U	79 U	90 U	87 U	90 U	410 U	79 U	87 U	84 U	82 U	82 U
Carbazole	NS	22 U	2.2 U	2.3 U	21 U	42 U	10 U	200 J	190 J	140 J	2.1 U	2.4 U	2.4 U	2.2 U	2.3 U	2.1 U	2.4 U	2.3 U	2.4 U	2,700	210	2.3 U	2.2 U	43.0 J	2.2 U
Chrysene[f]	3,900	610 J	94 J	2.0 UJ	18 U	37 U	36 J	1,400 J	740 J	620 J	21 J	2.1 U	2.1 U	1.9 U	2.0 U	1.8 U	2.1 U	2.0 U	2.1 U	22,000	1,300	2.0 U	57 J	1,900	1.9 U
Dibenzo(a,h)anthracene[f]	330[e]	22 U	2.3 U	2.3 U	21 U	43 U	11 U	22 U	24 U	23 U	2.1 U	2.4 U	2.4 U	2.2 U	2.3 U	2.1 U	2.5 U	2.4 U	2.4 U	9.9 U	2.2 U	2.4 U	2.3 U	2.2 U	2.2 U
Dibenzofuran[f]	59,000	20 U	2.0 U	2.0 U	19 U	38 U	1,000	160 J	120 J	20 U	1.9 U	2.1 U	2.2 U	2.0 U	2.0 U	1.9 U	2.2 U	2.1 U	2.2 U	4,000	230	2.1 U	2.0 U	2.0 U	2.0 U
Diethyl phthalate	NS	57 U	5.8 U	5.9 U	54 U	110 U	27 U	57 U	62 U	58 U	5.4 U	6.2 U	6.3 U	5.7 U	5.9 U	5.5 U	6.3 U	6.0 U	6.3 U	29 U	5.5 U	6.1 U	5.8 U	5.7 U	5.7 U
Dimethyl phthalate	NS	49 U	5.0 U	5.1 U	47 U	96 U	24 U	49 U	54 U	50 U	4.6 U	5.4 U	5.4 U	4.9 U	5.1 U	4.8 U	5.4 U	5.2 U	5.4 U	25 U	4.8 U	5.3 U	5.0 U	4.9 U	5.0 U
Di-n-butylphthalate	NS	650 U	67 U	68 U	620 U	1,300 U	310 U	650 U	710 U	670 U	62 U	71 U	72 U	65 U	68 U	63 U	72 U	69 U	72 U	330 U	63 U	70 U	67 U	65 U	66 U
Di-n-octylphthalate	NS	44 U	4.5 UJ	4.6 UJ	42 U	86 U	21 UJ	44 UJ	48 UJ	45 UJ	4.2 U	4.8 UJ	4.8 U	4.4 U	4.6 U	4.3 U	4.9 U	4.7 U	4.8 U	22 U	4.3 U	4.7 U	4.5 U	4.4 U	4.4 U
Fluoranthene[f]	100,000[a]	590 J	2.8 U	150 J	26 U	53 U	220 J	2,300	1,400 J	1,200 J	23 J	3.0 U	3.0 U	2.7 U	2.8 U	2.6 U	3.0 U	2.9 U	3.0 U	52,000	3,000	2.9 U	97 J	4,600	2.8 U
Fluorene	100,000[a]	44 U	4.4 U	4.5 U	41 U	1,700 J	1,900	43 U	210 J	230 J	4.1 U	4.7 U	4.8 U	4.3 U	4.5 U	4.2 U	4.8 U	4.6 U	4.8 U	11,000	700	4.7 U	4.5 U	54 J	4.4 U
Hexachlorobenzene	1,200	94 U	9.6 U	9.8 U	89 U	180 U	45 U	94 U	100 U	96 U	8.8 U	10 U	10 U	9.4 U	9.7 U	9.1 U	10 U	9.9 U	10 U	47 U	9.1 U	10 U	9.6 U	9.4 U	9.4 U
Hexachlorobutadiene	NS	97 U	9.8 U	10 U	92 U	190 U	46 U	97 U	110 U	99 U	9.1 U	11 U	11 U	9.6 U	10 U	9.3 U	11 U	10 U	11 U	49 U	9.4 U	10 U	9.9 U	9.6 U	9.7 U
Hexachlorocyclopentadiene	NS	570 U	58 U	59 U	540 U	1,100 U	270 UJ	570 U	620 U	580 U	54 U	62 U	63 U	57 U	59 U	55 U	63 U	60 U	63 U	290 UJ	56 UJ	61 U	58 U	57 UJ	57 U
Hexachloroethane	NS	150 U	15 U	15 U	140 U	280 U	70 U	150 U	160 U	150 U	14 U	16 U	16 U	15 U	15 U	14 U	16 U	15 U	16 U	73 U	14 U	16 U	15 U	15 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[c]	380 J	46 J	5.4 U	50 U	100 U	25 U	670 J	330 J	53 U	4.9 U	5.7 U	5.7 U	5.2 U	5.4 U	5.0 U	5.8 U	5.5 U	5.7 U	6,300	450	5.6 U	25 J	870	5.3 U
Isophorone	NS	95 U	9.6 U	9.8 U	90 U	180 U	1,800	94 U	100 U	96 U	8.9 U	10 U	10 U	9.4 U	9.8 U	9.1 U	10 U	10 U	10 U	47 U	9.2 U	10 U	9.7 U	9.4 U	9.5 U
Naphthalene[f]	100,000[a]	32 U	3.2 U	3.3 U	30 U	61 U	15 U	31 U	34 U	170 J	3.0 U	3.4 U	3.5 U	3.1 U	3.3 U	3.0 U	3.5 U	3.3 U	3.5 U	280 J	44 J	3.4 U	3.2 U	3.1 U	3.2 U
Nitrobenzene	NS	84 U	8.5 U	8.7 U	80 U	160 U	40 U	84 U	91 U	86 U	7.9 U	9.1 U	9.2 U	8.4 U	8.7 U	8.1 U	9.3 U	8.9 U	9.2 U	42 U	8.1 U	9.0 U	8.6 U	8.4 U	8.4 U
n-Nitrosodi-n-propylamine	NS	150 U	15 U	16 U	140 U	290 U	72 U	150 U	160 U	150 U	14 U	16 U	16 U	15 U	15 U	14 U	17 U	16 U	16 U	75 U	15 U	16 U	15 U	15 U	15 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	100 U	11 U	11 U	98 U	200 U	3,100	100 U	110 U	110 U	9.7 U	11 U	11 U	10 U	11 U	10 U	11 U	11 U	11 U	52 U	10 U	11 U	11 U	10 U	10 U
Pentachlorophenol	6,700	650 U	66 U	67 U	620 U	1,300 U	310 U	650 U	710 U	660 U	61 U	71 U	71 U	65 U	67 U	63 U	72 U	69 U	71 U	330 U	63 U	69 U	66 U	65 U	65 U
Phenanthrene[f]	100,000[a]	400 J	2,100	2,500	38 U	2,000 J	3,200	2,300	1,700 J	1,600 J	11 J	4.3 U	4.4 U	4.0 U	4.1 U	3.8 U	4.4 U	4.2 U	4.3 U	73,000	5,100	4.2 U	90 J	1,200	4.0 U
Phenol	100,000[a]	200 U	20 U	21 U	190 U	390 U	95 U	200 U	220 U	200 U	19 U	22 U	22 U	20 U	21 U	19 U	22 U	21 U	22 U	100 U	19 U	21 U	20 U	20 U	20 U
Pyrene[f]	100,000[a]	800 J	1.2 UJ	1.3 UJ	12 U	380 J	330 J	2,600	1,600 J	1,400 J	32 J	1.3 U	1.3 U	1.2 U	1.3 U	1.2 U	1.4 U	1.3 U	1.3 U	58,000	3,300	1.3 U	100 J	3,600	1.2 U
Total SVOCs		5,514	3,621	5,650	ND	23,080	28,069	15,020	9,497	8,100	201	ND	ND	ND	ND	ND	ND	ND	ND	339,790	21,035	ND	630	21,837	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-032			LT-C-034			LT-C-035			LT-C-036			LT-C-037			LT-C-038			LT-C-039		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'
Laboratory ID:	Restricted-Residential	480-54118-1	480-54118-2	480-54118-3	480-54308-5	480-54308-6	480-54308-7	480-54308-8	480-54308-9	480-54308-10	480-54308-12	480-54308-13	480-54308-14	480-54381-1	480-54381-2	480-54381-3	480-54381-5	480-54381-6	480-54381-7	480-54381-8	480-54381-9	480-54381-10
Sampling Date:	Use	1/30/2014	1/30/2014	1/30/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014
Semi-Volatile Organic Compounds																						
2,4,5-Trichlorophenol	NS	42 U	40 U	43 U	750 U	39 U	39 U	38 U	39 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	39 U	38 U	39 U	39 U	38 U	38 U
2,4,6-Trichlorophenol	NS	13 U	12 U	13 U	230 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	12 U	12 U
2,4-Dichlorophenol	NS	10 U	9.5 U	10 U	180 U	9.3 U	9.3 U	9.2 U	9.4 U	9.3 U	9.1 U	8.9 U	9.2 U	9.2 U	9.1 U	9.2 U	9.3 U	9.0 U	9.4 U	9.4 U	9.2 U	9.2 U
2,4-Dimethylphenol	NS	52 U	49 U	53 U	930 U	48 U	48 U	48 U	48 U	48 U	47 U	46 U	48 U	48 U	47 U	47 U	48 U	47 U	48 U	48 U	47 U	47 U
2,4-Dinitrophenol	NS	68 U	63 U	69 U	1,200 U	62 U	62 U	62 U	62 U	62 U	61 U	60 U	62 U	62 U	61 U	61 U	62 U	60 U	63 U	63 U	61 U	61 U
2,4-Dinitrotoluene	NS	30 U	28 U	30 U	530 U	27 U	27 U	27 U	28 U	27 U	27 U	26 U	27 U	27 U	27 U	27 U	27 U	27 U	28 U	28 U	27 U	27 U
2,6-Dinitrotoluene	NS	47 U	44 U	48 U	850 U	43 U	43 U	43 U	44 U	43 U	43 U	42 U	43 U	43 U	43 U	43 U	43 U	42 U	44 U	44 U	43 U	43 U
2-Chloronaphthalene	NS	13 U	12 U	13 U	230 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
2-Chlorophenol	NS	9.9 U	9.2 U	10 U	180 U	9.0 U	9.0 U	9.0 U	9.1 U	9.0 U	8.9 U	8.7 U	9.0 U	9.0 U	8.9 U	8.9 U	9.0 U	8.8 U	9.1 U	9.1 U	8.9 U	8.9 U
2-Methylnaphthalene	NS	2.3 U	2.2 U	2.4 U	42 U	2.1 U	2.1 U	6.9 J	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	5.7 J	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U
2-Methylphenol	NS	6.0 U	5.6 U	6.0 U	110 U	5.4 U	5.4 U	5.4 U	5.5 U	5.4 U	5.4 U	5.2 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.3 U	5.5 U	5.5 U	5.4 U	5.4 U
2-Nitroaniline	NS	62 U	58 U	63 U	1,100 U	57 U	57 U	56 U	57 U	57 U	56 U	55 U	56 U	57 U	56 U	56 U	57 U	55 U	57 U	58 U	56 U	56 U
2-Nitrophenol	NS	8.9 U	8.3 U	9.0 U	160 U	8.1 U	8.1 U	8.0 U	8.2 U	8.1 U	8.0 U	7.8 U	8.0 U	8.1 U	8.0 U	8.0 U	8.1 U	7.9 U	8.2 U	8.2 U	8.0 U	8.0 U
3,3'-Dichlorobenzidine	NS	170 U	160 U	170 U	3,000 U	150 U	150 U	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	160 U	160 U	150 U	150 U
3-Nitroaniline	NS	45 U	42 U	45 U	790 U	41 U	41 U	40 U	41 U	41 U	40 U	39 U	40 U	41 U	40 U	40 U	41 U	40 U	41 U	41 U	40 U	40 U
4,6-Dinitro-o-cresol[c]	100,000[a]	67 U	63 U	68 U	1,200 U	61 U	61 U	61 U	62 U	61 U	60 U	59 U	61 U	61 U	60 U	60 U	61 U	60 U	62 U	62 U	60 U	60 U
4-Bromophenyl phenyl ether	NS	62 U	58 U	62 U	1,100 U	56 U	56 U	56 U	57 U	56 U	55 U	54 U	56 U	56 U	55 U	56 U	56 U	55 U	57 U	57 U	56 U	56 U
4-Chloro-3-methylphenol	NS	8.0 U	7.5 U	8.1 U	140 U	7.3 U	7.3 U	7.2 U	7.3 U	7.3 U	7.2 U	7.0 U	7.2 U	7.3 U	7.2 U	7.2 U	7.3 U	7.1 U	7.4 U	7.4 U	7.2 U	7.2 U
4-Chloroaniline	NS	57 U	53 U	58 U	1,000 U	52 U	52 U	52 U	52 U	52 U	51 U	50 U	52 U	52 U	51 U	51 U	52 U	51 U	52 U	53 U	51 U	51 U
4-Chlorophenyl phenyl ether	NS	4.1 U	3.9 U	4.2 U	74 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.7 U	3.6 U	3.8 U	3.8 U	3.7 U	3.7 U	3.8 U	3.7 U	3.8 U	3.8 U	3.7 U	3.7 U
4-Methylphenol	NS	11 U	10 U	11 U	190 U	9.8 U	9.8 U	9.8 U	9.9 U	9.8 U	9.7 U	9.5 U	9.8 U	9.8 U	9.7 U	9.7 U	9.9 U	9.6 U	9.9 U	10 U	9.8 U	9.8 U
4-Nitroaniline	NS	22 U	20 U	22 U	390 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U	20 U	20 U	19 U	20 U	20 U	20 U	20 U
4-Nitrophenol	NS	47 U	44 U	48 U	840 U	43 U	43 U	43 U	43 U	43 U	42 U	41 U	43 U	43 U	42 U	42 U	43 U	42 U	43 U	43 U	42 U	42 U
Acenaphthene	100,000[a]	2.3 U	2.1 U	2.3 U	41 U	2.1 U	2.1 U	26 J	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U
Acenaphthylene[f]	100,000[a]	1.6 U	1.5 U	1.6 U	28 U	1.4 U	1.4 U	45 J	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U	1.5 U	1.4 U	1.4 U
Acetophenone	NS	9.9 U	9.3 U	10 U	180 U	9.1 U	9.1 U	9.0 U	9.2 U	9.1 U	8.9 U	8.7 U	9.0 U	9.1 U	8.9 U	9.0 U	9.1 U	8.9 U	9.2 U	9.2 U	9.0 U	9.0 U
Anthracene[f]	100,000[a]	5.0 U	4.6 U	5.0 U	150 J	4.5 U	4.5 U	95 J	4.6 U	4.5 U	4.5 U	4.4 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.4 U	4.6 U	4.6 U	4.5 U	4.5 U
Atrazine	NS	8.6 U	8.1 U	8.7 U	150 U	7.9 U	7.9 U	7.8 U	7.9 U	7.9 U	7.7 U	7.6 U	7.8 U	7.9 U	7.8 U	7.8 U	7.9 U	7.7 U	8.0 U	8.0 U	7.8 U	7.8 U
Benzaldehyde	NS	21 U	20 U	22 U	380 U	21 J	19 U	19 U	20 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	20 U	20 U	19 U	19 U
Benzo(a)anthracene[f]	1,000[f]	3.3 U	3.1 U	3.4 U	610 J	18 J	3.1 U	440	26 J	3.0 U	3.0 U	2.9 U	3.0 U	3.0 U	3.0 U	3.0 U	12 J	3.0 U	3.1 U	3.1 U	3.0 U	3.0 U
Benzo(a)pyrene	1,000[f]	4.7 U	4.4 U	4.7 U	450 J	11 J	31 J	450	21 J	4.3 U	4.2 U	4.1 U	4.2 U	4.3 U	4.2 U	4.2 U	4.3 U	4.2 U	4.3 U	4.3 U	4.2 U	4.2 U
Benzo(b)fluoranthene[f]	1,000[f]	3.8 U	3.5 U	3.8 U	560 J	14 J	3.4 U	590	24 J	3.4 U	3.4 U	3.3 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.3 U	3.5 U	3.5 U	3.4 U	3.4 U
Benzo(ghi)perylene[f]	100,000[a]	2.3 U	2.2 U	2.4 U	270 J	2.1 U	2.1 U	310	15 J	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U
Benzo(k)fluoranthene[f]	3,900	2.1 U	2.0 U	2.2 U	320 J	10 J	1.9 U	230	16 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Biphenyl	NS	12 U	11 U	12 U	220 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bis(2-chloroisopropyl)ether	NS	20 UJ	19 U	21 U	360 U	18 U	18 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	19 U	19 U	18 U	18 U
Bis(2-chloroethoxy)methane	NS	11 U	9.9 U	11 U	190 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.5 U	9.3 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U	9.4 U	9.7 U	9.8 U	9.5 U	9.5 U
Bis(2-chloroethyl)ether	NS	17 U	16 U	17 U	300 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Bis(2-Ethylhexyl)phthalate	NS	62 U	58 U	690	1,100 U	57 U	57 U	100 J	57 U	57 U	74 J	55 U	57 U	57 U	56 U	56 U	57 U	56 U	58 U	85 J	56 U	56 U
Butyl benzyl phthalate	NS	52 U	49 U	53 U	930 U	47 U	47 U	47 U	48 U	47 U	47 U	46 U	47 U	47 U	47 U	47 U	48 U	46 U	48 U	48 U	47 U	47 U
Caprolactum	NS	84 U	78 U	85 U	1,500 U	76 U	76 U	76 U	77 U	76 U	75 U	74 U	76 U	76 U	75 U	76 U	77 U	75 U	77 U	78 U	76 U	76 U
Carbazole	NS	2.2 U	2.1 U	2.3 U	40 U	2.0 U	2.0 U	40 J	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U
Chrysene[f]	3,900	1.9 U	1.8 U	2.0 U	520 J	16 J	1.8 U	530	27 J	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	8.9 J	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene[f]	330[e]	2.3 U	2.1 U	2.3 U	41 U	2.1 U	2.1 U	54 J	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.1 U	2.1 U
Dibenzofuran[f]	59,000	2.0 U	1.9 U	2.0 U	36 U	1.8 U	1.8 U	15 J	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U
Diethyl phthalate	NS	5.9 U	5.5 U	5.9 U	100 U	5.3 U	5.3 U	5.3 U	5.4 U	5.3 U	5.3 U	5.1 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.2 U	5.4 U	5.4 U	5.3 U	5.3 U
Dimethyl phthalate	NS	5.1 U	4.7 U	5.1 U	90 U	4.6 U	4.6 U	4.6 U	4.7 U	4.6 U	4.5 U	4.4 U	4.6 U	4.6 U	4.5 U	4.6 U	4.6 U	4.5 U	4.7 U	4.7 U	4.6 U	4.6 U
Di-n-butylphthalate	NS	67 U	63 U	68 U	1,200 U	61 U	61 U	61 U	62 U	61 U	60 U	59 U	61 U	61 U	60 U	60 U	61 U	60 U	62 U	62 U	61 U	61 U
Di-n-octylphthalate	NS	4.5 U	4.2 U	4.6 U	81 U	4.1 U	4.1 U	4.1 U	4.2 U	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.0 U	4.2 U	4.2 U	4.1 U	4.1 U
Fluoranthene[f]	100,000[a]	2.8 U	2.6 U	2.8 U	910 J	25 J	2.6 U	790	42 J	5.9 J	2.5 U	2.5 U	2.6 U	180 U	2.5 U	2.5 U	180 U	2.5 U	2.6 U	2.6 U	2.5 U	2.5 U
Fluorene	100,000[a]	4.5 U	4.2 U	4.5 U	80 U	4.1 U	4.1 U	28 J	4.1 U	4.1 U	4.0 U	3.9 U	4.1 U	4.1 U	4.0 U	4.0 U	4.1 U	4.0 U	4.1 U	4.1 U	4.0 U	4.0 U
Hexachlorobenzene	1,200	9.6 U	9.0 U	9.7 U	170 U	8.8 U	8.8 U	8.7 U	8.9 U	8.8 U	8.7 U	8.5 U	8.7 U	8.8 U	8.7 U	8.7 U	8.8 U	8.6 U	8.9 U	8.9 U	8.7 U	8.7 U
Hexachlorobutadiene	NS	9.9 U	9.3 U	10 U	180 U	9.0 U	9.0 U	9.0 U	9.1 U	9.0 U	8.9 U	8.7 U	9.0 U	9.0 U	8.9 U	8.9 U	9.1 U	8.8 U	9.1 U	9.2 U	9.0 U	9.0 U
Hexachlorocyclopentadiene	NS	59 UJ	55 U	59 U	1,000 U	53 U	53 U	53 U	54 U	53 U	53 U	51 U	53 U	53 U	53 U	53 U	54 U	52 U	54 U	54 U	53 U	53 U
Hexachloroethane	NS	15 U	14 U	15 U	270 U	14 U	14 U	14 U	14 U	14 U	13 U	13 U	14 U	14 U	13 U	14 U	14 U	13 U	14 U	14 U	14 U	14 U
Indeno(1,2,3-cd)Pyrene[f]	500[f]	5.4 U	5.0 U	5.4 U	330 J	4.9 U	4.9 U	280	4.9 U	4.9 U	4.8 U	4.7 U	4.9 U	4.9 U	4.8 U	4.8 U	4.9 U	4.8 U	4.9 U	5.0 U	4.8 U	4.8 U
Isophorone	NS	9.7 U	9.1 U	9.8 U	170 U	8.8 U	8.8 U	8.8 U	8.9 U	8.8 U	8.7 U	8.5 U	8.8 U	8.8 U	8.7 U	8.7 U	8.8 U	8.6 U	8.9 U	9.0 U	8.8 U	8.8 U
Naphthalene[f]	100,000[a]	3.2 U	3.0 U	3.3 U	57 U	2.9 U	2.9 U	13 J	3.0 U	2.9 U	2.9 U	2.8 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	3.0 U	3.0 U	2.9 U	2.9 U
Nitrobenzene	NS	8.6 U	8.0 U	8.7 U	150 U	7.8 U	7.8 U	7.8 U	7.9 U	7.8 U	7.7 U	7.5 U	7.8 U	7.8 U	7.7 U	7.8 U	7.8 U	7.6 U	7.9 U	7.9 U	7.8 U	7.8 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	16 U	270 U	14 U	14 U	14 U	14 U	14 U	14 U	13 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	11 U	9.9 U	11 U	190 U	9.7 U	9.7 U	9.6 U	9.8 U	9.7 U	9.5 U	9.3 U	9.6 U	9.6 U	9.5 U	9.6 U	9.7 U	9.4 U	9.8 U	9.8 U	9.6 U	9.6 U
Pentachlorophenol	6,700	66 U	62 U	67 U	1,200 U	140 J	61 U	60 U	190 J	61 U	60 U	58 U	60 U	61 U	60 U	60 U	61 U	59 U	61 U	61 U	60 U	60 U
Phenanthrene[f]	100,000[a]	4.1 U	3.8 U	4.1 U	570 J	16 J	3.9 J	420	8.7 J	3.7 U	4.3 J	3.6 U	3.7 U	4.1 J	3.7 U	3.7 U	9.0 J	3.6 U	3.7 U	3.8 U	3.7 U	4.3 J
Phenol	100,000[a]	20 U	19 U	21 U	360 U	19 U	19 U	19 U	19 U	19 U	18 U	18 U	19 U	19 U	18 U	18 U	19 U	18 U	19 U	19 U	18 U	18 U
Pyrene[f]	100,000[a]	1.3 U	1.2 U	1.3 U	900 J	24 J	1.1 U	990	47 J	1.1 U	1.1 U	1.1 U	1.1 U	13 J	1.1 U	1.1 U	13 J	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U
Total SVOCs		ND	ND	690	5,590	295	34.9	5,452.9	416.7	5.9	78.3	ND	ND	23.3	ND	ND	60.6	ND	ND	85	ND	4.3

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-040			LT-C-041			LT-C-042			LT-C-043			LT-C-044			LT-C-045			LT-C-046			LT-C-047		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54381-11	480-54381-12	480-54381-13	480-54381-14	480-54381-15	480-54381-16	480-54381-17	480-54381-18	480-54381-19	480-54381-20	480-54381-21	480-54381-22	480-54381-25	480-54381-26	480-54381-27	480-54421-5	480-54421-6	480-54421-7	480-54421-9	480-54421-10	480-54421-11	480-54421-12	480-54421-13	480-54421-14
Sampling Date:	Use	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	38 U	39 UJ	39 U	41 U	38 U	38 U	38 U	39 U	39 U	40 U	39 U	38 U	39 U	38 U	39 U	66 U	42 U	45 U	44 U	44 U	40 U	1,300 U	1,200 U	110 UJ
2,4,6-Trichlorophenol	NS	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U	20 U	13 U	14 U	13 U	13 U	12 U	400 U	370 U	34 UJ
2,4-Dichlorophenol	NS	9.2 U	9.5 U	9.5 U	9.9 U	9.2 U	9.2 U	9.2 U	9.3 U	9.3 U	9.7 U	9.3 U	9.1 U	9.3 U	9.1 U	9.4 U	16 U	10 U	11 U	11 U	10 U	9.5 U	310 U	300 U	27 UJ
2,4-Dimethylphenol	NS	47 U	49 U	49 U	51 U	47 U	47 U	47 U	48 U	48 U	50 U	48 U	47 U	48 U	47 U	48 U	82 U	52 U	56 U	54 U	54 U	49 U	1,600 U	1,500 U	140 UJ
2,4-Dinitrophenol	NS	61 U	63 U	63 U	66 U	61 U	61 U	61 U	62 U	62 U	65 U	62 U	61 U	62 U	61 U	63 U	110 U	67 U	73 U	70 U	70 U	64 U	2,100 U	2,000 U	180 UJ
2,4-Dinitrotoluene	NS	27 U	28 U	28 U	29 U	27 U	27 U	27 U	28 U	28 U	29 U	27 U	27 U	27 U	27 U	28 U	47 U	30 U	32 U	31 U	31 U	28 U	930 U	880 U	80 UJ
2,6-Dinitrotoluene	NS	43 U	44 U	44 U	46 U	43 U	43 U	43 U	44 U	44 U	45 U	43 U	42 U	43 U	42 U	44 U	75 U	47 U	51 U	49 U	49 U	45 U	1,500 U	1,400 U	130 UJ
2-Chloronaphthalene	NS	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	20 U	13 U	14 U	14 U	13 U	12 U	400 U	380 U	35 UJ
2-Chlorophenol	NS	8.9 U	9.2 U	9.2 U	9.6 U	8.9 U	8.9 U	8.9 U	9.1 U	9.1 U	9.4 U	9.0 U	8.8 U	9.0 U	8.8 U	9.1 U	16 U	9.7 U	11 U	10 U	10 U	9.3 U	310 U	290 U	26 UJ
2-Methylnaphthalene	NS	2.1 U	2.2 U	2.2 U	2.3 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	3.7 U	2.3 U	2.5 U	2.4 U	2.4 U	2.2 U	14,000	21,000	130 J
2-Methylphenol	NS	5.4 U	5.5 U	5.6 U	5.8 U	5.4 U	5.4 U	5.4 U	5.5 U	5.5 U	5.7 U	5.4 U	5.3 U	5.4 U	5.3 U	5.5 U	9.4 U	5.9 U	6.4 U	6.2 U	6.2 U	5.6 U	180 U	170 U	16 UJ
2-Nitroaniline	NS	56 U	58 U	58 U	60 U	56 U	56 U	56 U	57 U	57 U	59 U	57 U	56 U	57 U	56 U	57 U	98 U	61 U	67 U	65 U	64 U	58 U	1,900 U	1,800 U	170 UJ
2-Nitrophenol	NS	8.0 U	8.2 U	8.3 U	8.6 U	8.0 U	8.0 U	8.0 U	8.2 U	8.2 U	8.4 U	8.1 U	7.9 U	8.1 U	7.9 U	8.2 U	14 U	8.7 U	9.5 U	9.2 U	9.1 U	8.3 U	270 U	260 U	24 UJ
3,3'-Dichlorobenzidine	NS	150 U	160 UJ	160 U	160 U	150 U	150 U	150 U	160 U	160 U	160 U	160 U	150 U	160 U	150 U	160 U	270 U	170 U	180 U	180 U	180 U	160 U	5,300 U	5,000 U	450 UJ
3-Nitroaniline	NS	40 U	41 U	42 U	43 U	40 U	40 U	40 U	41 U	41 U	42 U	41 U	40 U	41 U	40 U	41 U	70 U	44 U	48 U	46 U	46 U	42 U	1,400 U	1,300 U	120 UJ
4,6-Dinitro-o-cresol[c]	100,000[a]	60 U	62 U	62 U	65 U	61 U	61 U	61 U	62 U	62 U	64 U	61 U	60 U	61 U	60 U	62 U	110 U	66 U	72 U	70 U	69 U	63 U	2,100 U	2,000 U	180 UJ
4-Bromophenyl phenyl ether	NS	56 U	57 U	57 U	60 U	56 U	56 U	56 U	57 U	57 U	59 U	56 U	55 U	56 U	55 U	57 U	97 U	61 U	66 U	64 U	64 U	58 U	1,900 U	1,800 U	160 UJ
4-Chloro-3-methylphenol	NS	7.2 U	7.4 U	7.4 U	7.7 U	7.2 U	7.2 U	7.2 U	7.3 U	7.3 U	7.6 U	7.3 U	7.1 U	7.3 U	7.1 U	7.4 U	13 U	7.8 U	8.6 U	8.3 U	8.2 U	7.5 U	250 U	230 U	21 UJ
4-Chloroaniline	NS	51 U	53 U	53 U	55 U	52 U	52 U	51 U	52 U	52 U	54 U	52 U	51 U	52 U	51 U	52 U	89 U	56 U	61 U	59 U	59 U	53 U	1,800 U	1,700 U	150 UJ
4-Chlorophenyl phenyl ether	NS	3.7 U	3.8 U	3.8 U	4.0 U	3.7 U	3.7 U	3.7 U	3.8 U	3.8 U	3.9 U	3.8 U	3.7 U	3.8 U	3.7 U	3.8 U	6.5 U	4.1 U	4.4 U	4.3 U	4.3 U	3.9 U	130 U	120 U	11 UJ
4-Methylphenol	NS	9.7 U	10 U	10 U	10 U	9.8 U	9.8 U	9.8 U	9.9 U	9.9 U	10 U	9.8 U	9.7 U	9.9 U	9.7 U	10 U	17 U	11 U	12 U	11 U	11 U	10 U	330 U	320 U	29 UJ
4-Nitroaniline	NS	20 U	20 U	20 U	21 U	20 U	20 U	20 U	20 U	20 U	21 U	20 U	19 U	20 U	19 U	20 U	34 U	21 U	23 U	22 U	22 U	20 U	670 U	630 U	58 UJ
4-Nitrophenol	NS	42 U	44 U	44 U	46 U	43 U	43 U	43 U	43 U	43 U	45 U	43 U	42 U	43 U	42 U	43 U	74 U	46 U	50 U	49 U	49 U	44 U	1,500 U	1,400 U	120 UJ
Acenaphthene	100,000[a]	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.0 U	2.1 U	2.0 U	2.1 U	66 J	2.2 U	2.4 U	2.4 U	17 J	2.1 U	3,200 J	3,600 J	190 J
Acenaphthylene[c]	100,000[a]	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U	69 J	1.6 U	1.7 U	1.6 U	1.6 U	1.5 U	49 U	46 U	4.2 UJ
Acetophenone	NS	9.0 U	9.3 U	9.3 U	9.7 U	9.0 U	9.0 U	9.0 U	9.2 U	9.2 U	9.5 U	9.1 U	8.9 U	9.1 U	8.9 U	9.2 U	16 U	9.8 U	11 U	10 U	10 U	9.3 U	6,200	8,500	26 UJ
Anthracene[c]	100,000[a]	4.5 U	4.6 U	4.6 U	4.8 U	4.5 U	4.5 U	4.5 U	4.6 U	4.6 U	4.7 U	4.5 U	4.4 U	4.5 U	4.4 U	4.6 U	100 J	29 J	5.3 U	5.2 U	50 J	4.7 U	2,600 J	3,200 J	160 J
Atrazine	NS	7.8 U	8.0 U	8.0 U	8.4 U	7.8 U	7.8 U	7.8 U	7.9 U	7.9 U	8.2 U	7.9 U	7.7 U	7.9 U	7.7 U	8.0 U	14 U	8.5 U	9.3 U	9.0 U	8.9 U	8.1 U	270 U	250 U	23 UJ
Benzaldehyde	NS	19 U	20 U	20 U	21 U	19 U	19 U	19 U	20 U	20 U	20 U	19 U	19 U	19 U	19 U	20 U	33 U	21 U	23 U	22 U	22 U	20 U	660 UJ	620 UJ	56 UJ
Benzo(a)anthracene[c]	1,000[c]	11 J	3.1 UJ	3.1 U	3.2 U	3.0 U	3.0 U	3.0 U	3.1 U	3.1 U	3.2 U	3.1 U	3.0 U	3.1 U	3.0 U	3.1 U	480	120 J	3.6 U	3.5 U	150 J	3.1 U	3,100 J	1,500 J	200 J
Benzo(a)pyrene	1,000[c]	4.2 U	4.3 UJ	4.4 U	4.5 U	4.2 U	4.2 U	4.2 U	4.3 U	4.3 U	4.4 U	4.3 U	4.2 U	4.3 U	4.2 U	4.3 U	520	130 J	5.0 U	76 J	130 J	4.4 U	1,900 J	800 J	150 J
Benzo(b)fluoranthene[c]	1,000[c]	3.4 U	3.5 UJ	3.5 U	3.7 U	3.4 U	3.4 U	3.4 U	3.5 U	3.5 U	3.6 U	3.4 U	3.4 U	3.4 U	3.4 U	3.5 U	550	200	4.0 U	150 J	190 J	3.5 U	1,200 J	490 J	75 J
Benzo(ghi)perylene[c]	100,000[a]	2.1 U	2.2 UJ	2.2 U	2.3 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	420	37 J	2.5 U	2.4 U	120 J	2.2 U	1,900 J	800 J	130 J
Benzo(k)fluoranthene[c]	3,900	1.9 U	2.0 UJ	2.0 U	2.1 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	220 J	63 J	2.3 U	49 J	68 J	2.0 U	560 J	150 J	9.2 J
Biphenyl	NS	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	19 U	12 U	13 U	13 U	12 U	11 U	3,200 J	2,000 J	32 UJ
Bis(2-chloroisopropyl)ether	NS	18 U	19 U	19 U	20 U	18 U	18 U	18 U	19 U	19 U	19 U	18 U	18 U	19 U	18 U	19 U	32 U	20 U	22 U	21 U	21 U	19 U	630 U	590 U	54 UJ
Bis(2-chloroethoxy)methane	NS	9.5 U	9.8 U	9.8 U	10 U	9.5 U	9.6 U	9.5 U	9.7 U	9.7 U	10 U	9.6 U	9.4 U	9.6 U	9.4 U	9.7 U	17 U	10 U	11 U	11 U	11 U	9.9 U	330 U	310 U	28 UJ
Bis(2-chloroethyl)ether	NS	15 U	16 U	16 U	16 U	15 U	15 U	15 U	15 U	15 U	16 U	15 U	15 U	15 U	15 U	15 U	26 U	16 U	18 U	17 U	17 U	16 U	520 U	490 U	44 UJ
Bis(2-Ethylhexyl)phthalate	NS	56 U	58 UJ	58 U	71 J	63 J	57 U	56 U	57 U	57 U	59 U	57 U	56 U	57 U	56 U	58 U	98 U	61 U	67 U	360	64 U	59 U	1,900 U	1,800 U	170 UJ
Butyl benzyl phthalate	NS	47 U	48 UJ	48 U	51 U	47 U	47 U	47 U	48 U	48 U	50 U	47 U	47 U	48 U	47 U	48 U	82 U	51 U	56 U	54 U	54 U	49 U	1,600 U	1,500 U	140 UJ
Caprolactum	NS	76 U	78 U	78 U	81 U	76 U	76 U	76 U	77 U	77 U	80 U	77 U	75 U	77 U	75 U	77 U	130 U	83 U	90 U	87 U	87 U	79 U	45,000	35,000	220 UJ
Carbazole	NS	2.0 U	2.1 U	2.1 U	2.2 U	2.0 U	2.0 U	2.0 U	2.1 U	2.1 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	39 J	2.2 U	2.4 U	2.3 U	2.3 U	2.1 U	69 U	66 U	6.0 UJ
Chrysene[c]	3,900	1.7 U	1.8 UJ	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.8 U	500	130 J	2.1 U	2.0 U	150 J	1.8 U	5,700 J	2,700 J	360 J
Dibenzo(a,h)anthracene[c]	330[e]	2.1 U	2.1 UJ	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.0 U	2.1 U	2.0 U	2.1 U	100 J	2.2 U	2.4 U	2.4 U	36 J	2.1 U	690 J	67 U	6.1 UJ
Dibenzofuran[c]	59,000	1.8 U	1.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	3.2 U	2.0 U	2.2 U	2.1 U	2.1 U	1.9 U	62 U	59 U	5.4 UJ
Diethyl phthalate	NS	5.3 U	5.5 U	5.5 U	5.7 U	5.3 U	5.3 U	5.3 U	5.4 U	5.4 U	5.6 U	5.3 U	5.2 U	5.4 U	5.2 U	5.4 U	9.2 U	5.8 U	6.3 U	6.1 U	6.0 U	5.5 U	180 U	170 U	16 UJ
Dimethyl phthalate	NS	4.6 U	4.7 U	4.7 U	4.9 U	4.6 U	4.6 U	4.6 U	4.7 U	4.7 U	4.8 U	4.6 U	4.5 U	4.6 U	4.5 U	4.7 U	7.9 U	5.0 U	5.4 U	5.3 U	5.2 U	4.8 U	160 U	150 U	13 UJ
Di-n-butylphthalate	NS	60 U	62 U	62 U	65 U	61 U	61 U	61 U	62 U	62 U	64 U	61 U	60 U	61 U	60 U	62 U	110 U	66 U	72 U	70 U	69 U	63 U	2,100 U	2,000 U	180 UJ
Di-n-octylphthalate	NS	4.1 U	4.2 UJ	4.2 U	4.4 U	4.1 U	4.1 U	4.1 U	4.2 U	4.2 U	4.3 U	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	7.1 U	4.5 U	4.9 U	4.7 U	4.7 U	4.3 U	140 U	130 U	12 UJ
Fluoranthene[c]	100,000[a]	180 U	2.6 U	2.6 U	2.7 U	2.5 U	2.5 U	2.5 U	2.6 U	2.6 U	2.7 U	2.6 U	2.5 U	2.6 U	2.5 U	2.6 U	840	220	3.0 U	2.9 U	330	2.6 U	2,000 J	1,100 J	170 J
Fluorene	100,000[a]	4.0 U	4.2 U	4.2 U	4.3 U	4.0 U	4.0 U	4.0 U	4.1 U	4.1 U	4.3 U	4.1 U	4.0 U	4.1 U	4.0 U	4.1 U	47 J	4.4 U	4.8 U	4.6 U	4.6 U	4.2 U	5,900 J	7,300	350 J
Hexachlorobenzene	1,200	8.7 U	9.0 U	9.0 U	9.3 U	8.7 U	8.7 U	8.7 U	8.9 U	8.9 U	9.2 U	8.8 U	8.6 U	8.8 U	8.6 U	8.9 U	15 U	9.5 U	10 U	10 U	9.9 U	9.0 U	300 U	280 U	26 UJ
Hexachlorobutadiene	NS	9.0 U	9.2 U	9.2 U	9.6 U	9.0 U	9.0 U	9.0 U	9.1 U	9.1 U	9.4 U	9.0 U	8.9 U	9.1 U	8.9 U	9.1 U	16 U	9.8 U	11 U	10 U	10 U	9.3 U	310 U	290 U	26 UJ
Hexachlorocyclopentadiene	NS	53 U	55 U	55 U	57 U	53 U	53 U	53 U	54 U	54 U	56 U	53 U	52 U	54 U	52 U	54 U	92 U	58 U	63 U	61 U	61 U	55 U	1,800 U	1,700 U	160 UJ
Hexachloroethane	NS	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	13 U	14 U	13 U	14 U	24 U	15 U	16 U	16 U	15 U	14 U	460 U	440 U	40 UJ
Indeno(1,2,3-cd)Pyrene[c]	500[c]	4.8 U	5.0 UJ	5.0 U	5.2 U	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U	5.1 U	4.9 U	4.8 U	4.9 U	4.8 U	4.9 U	290 J	36 J	5.8 U	29 J	94 J	5.0 U	720 J	160 U	33 J
Isophorone	NS	8.7 U	9.0 U	9.0 U	9.4 U	8.8 U	8.8 U	8.8 U	8.9 U	8.9 U	9.2 U	8.8 U	8.7 U	8.9 U	8.7 U	8.9 U	15 U	9.5 U	10 U	10 U	10 U	9.1 U	8,800	280 U	26 UJ
Naphthalene[c]	100,000[a]	2.9 U	3.0 U	3.0 U	3.1 U	2.9 U	2.9 U	2.9 U	3.0 U	3.0 U	3.1 U	2.9 U	2.9 U	2.9 U	2.9 U	3.0 U	5.1 U	3.2 U	3.5 U	3.4 U	3.3 U	3.0 U	2,500 J	7,200	8.6 UJ
Nitrobenzene	NS	7.8 U	8.0 U	8.0 U	8.3 U	7.8 U	7.8 U	7.8 U	7.9 U	7.9 U	8.2 U	7.8 U	7.7 U	7.9 U	7.7 U	7.9 U	14 U	8.5 U	9.2 U	8.9 U	8.9 U	8.1 U	270 U	250 U	23 UJ
n-Nitrosodi-n-propylamine	NS	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	24 U	15 U	16 U	16 U	16 U	14 U	470 U	450 U	41 UJ
NitrosoDiPhenylAmine(NDPA)/DPA	NS	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.6 U	9.6 U	9.7 U	9.7 U	10 U	9.7 U	9.5 U	9.7 U	9.5 U	9.8 U	17 U	10 U	11 U	11 U	11 U	10 U	330 U	16,000	1,100 J
Pentachlorophenol	6,700	60 U	62 U	62 U	65 U	60 U	60 U	60 U	61 U	61 U	63 U	61 U	59 U	61 U	59 U	61 U	100 U	65 U	71 U	69 U	69 U	62 U	2,100 U	1,900 U	180 UJ
Phenanthrene[c]	100,000[a]	9.8 J	3.8 U	3.8 U	7.7 J	3.7 U	9.1 J	11 J	3.7 U	3.7 U	3.9 U	3.7 U	3.6 U	3.7 U	3.6 U	3.8 U	450	110 J	4.4 U	4.2 U	240	3.8 U	12,000	18,000	1,000 J
Phenol	100,000[a]	18 U	19 U	19 U	20 U	18 U	19 U	18 U	19 U	19 U	19 U	19 U	18 U	19 U	18 U	19 U	32 U	20 U	22 U	21 U	21 U	19 U	630 U	600 U	54 UJ
Pyrene[c]	100,000[a]	9.9 J	1.2 UJ	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	2.9 J	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	870	190	1.3 U	88 J	280	1.2 U	9,500	6,100	550 J
Total SVOCs		37.7	ND	ND	78.7	63	9.1	11	ND	ND	2.9	ND	ND	ND	ND	ND	5,561	1,265	ND	752	1,855	ND	130,670	135,440	4,607.2

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-048			LT-C-049			LT-C-050			LT-C-051			LT-C-052			LT-C-053			LT-C-054			LT-C-055		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'		0-2'	4-6'	6-8'	0-2'	2-4'		0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-55087-22	480-55087-23	480-55087-24	480-55087-32	480-55087-33	480-55087-34	480-54485-1	480-54485-2	480-54485-3	480-54485-4	480-54485-5	480-54485-6	480-54955-1	480-54955-2		480-55157-24	480-55157-25	480-55157-26	480-55157-27	480-55157-28		480-54634-10	480-54634-11	480-54634-12
Sampling Date:	Use	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/18/2014	2/18/2014		2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014		2/10/2014	2/10/2014	2/10/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	41 U	41 U	44 U	40 U	43 U	46 U	850 U	830 U	41 U	40 U	40 U	42 U	47 U	45 U		400 U	43 U	40 U	400 U	40 U		41 U	39 U	44 U
2,4,6-Trichlorophenol	NS	12 U	12 U	13 U	12 U	13 U	14 U	260 U	250 U	12 U	12 U	12 U	13 U	14 U	14 U		120 U	13 U	12 U	120 U	12 U		13 U	12 U	13 U
2,4-Dichlorophenol	NS	9.7 U	9.8 U	11 U	9.5 U	10 U	11 U	210 U	200 U	9.8 U	9.5 U	9.6 U	10 U	11 U	11 U		96 U	10 U	9.7 U	97 U	9.6 U		10 U	9.5 U	10 U
2,4-Dimethylphenol	NS	50 U	51 U	54 U	49 U	53 U	56 U	1,100 U	1,000 U	51 U	49 U	50 U	52 U	58 U	56 U		500 U	54 U	50 U	500 U	49 U		51 U	49 U	54 U
2,4-Dinitrophenol	NS	65 U	66 U	70 U	64 U	69 U	73 U	1,400 U	1,300 U	66 U	64 U	64 U	68 U	75 U	72 U		640 U	70 U	65 U	650 U	64 U		66 U	63 U	70 U
2,4-Dinitrotoluene	NS	29 U	29 U	31 U	28 U	30 U	32 U	610 U	590 U	29 U	28 U	28 U	30 U	33 U	32 U		280 U	31 U	29 U	290 U	28 U		29 U	28 U	31 U
2,6-Dinitrotoluene	NS	45 U	46 U	49 U	45 U	48 U	51 U	960 U	930 U	46 U	45 U	45 U	47 U	53 U	50 U		450 U	49 U	45 U	450 U	45 U		46 U	44 U	49 U
2-Chloronaphthalene	NS	12 U	13 U	14 U	12 U	13 U	14 U	260 U	250 UJ	13 U	12 U	12 U	13 U	14 U	14 U		120 U	13 U	12 U	120 U	12 U		13 U	12 U	13 U
2-Chlorophenol	NS	9.5 U	9.5 U	10 U	9.3 U	10 U	11 U	200 U	190 U	9.5 U	9.3 U	9.4 U	9.9 U	11 U	10 U		94 U	10 U	9.4 U	94 U	9.3 U		9.7 U	9.2 U	10 U
2-Methylnaphthalene	NS	2.3 U	2.3 U	2.4 U	2.2 U	2.4 U	2.5 U	47 U	46 U	2.3 U	2.2 U	7.2 J	2.3 U	6.9 J	8.4 J		22 U	2.4 U	2.2 U	22 U	2.2 U		11 J	2.2 U	2.4 U
2-Methylphenol	NS	5.7 U	5.8 U	6.2 U	5.6 U	6 U	6.4 U	120 U	120 U	5.8 U	5.6 U	5.7 U	6.0 U	6.6 U	6.3 U		57 U	6.1 U	5.7 U	57 U	5.6 U		5.8 U	5.6 U	6.2 U
2-Nitroaniline	NS	60 U	60 U	65 U	58 U	63 U	67 U	1,300 U	1,200 U	60 U	58 U	59 U	62 U	69 U	66 U		590 U	64 U	59 U	590 U	59 U		61 U	58 U	64 U
2-Nitrophenol	NS	8.5 U	8.6 U	9.2 U	8.3 U	9 U	9.5 U	180 U	170 U	8.6 U	8.3 U	8.4 U	8.9 U	9.8 U	9.4 U		84 U	9.1 U	8.5 U	85 U	8.3 U		8.7 U	8.3 U	9.1 U
3,3'-Dichlorobenzidine	NS	160 U	160 U	180 U	160 U	170 U	180 U	3,400 U	3,300 U	160 U	160 U	160 U	170 U	190 U	180 U		1,600 U	170 U	160 U	1,600 U	160 U		170 U	160 U	180 U
3-Nitroaniline	NS	43 U	43 U	46 U	42 U	45 U	48 U	900 U	870 U	43 U	42 U	42 U	45 U	49 U	47 U		420 U	46 U	43 U	430 U	42 U		44 U	42 U	46 U
4,6-Dinitro-o-cresol[f]	100,000[a]	64 U	65 U	70 U	63 U	68 U	72 U	1,400 U	1,300 U	65 U	63 U	64 U	67 U	74 U	71 U		630 U	69 U	64 U	640 U	63 U		66 U	62 U	69 U
4-Bromophenyl phenyl ether	NS	59 U	60 U	64 U	58 U	62 U	66 U	1,200 U	1,200 U	60 U	58 U	59 U	62 U	68 U	65 U		580 U	63 U	59 U	590 U	58 U		60 U	58 U	64 U
4-Chloro-3-methylphenol	NS	7.6 U	7.7 U	8.3 U	7.5 U	8.1 U	8.6 U	160 U	160 U	7.7 U	7.5 U	7.6 U	8.0 U	8.8 U	8.5 U		76 U	8.2 U	7.6 U	76 U	7.5 U		7.8 U	7.4 U	8.2 U
4-Chloroaniline	NS	55 U	55 U	59 U	53 U	57 U	61 U	1,100 U	1,100 U	55 U	53 U	54 U	57 U	63 U	60 U		540 U	58 U	54 U	540 U	54 U		56 U	53 U	59 U
4-Chlorophenyl phenyl ether	NS	4 U	4 U	4.3 U	3.9 U	4.2 U	4.5 U	83 U	81 U	4.0 U	3.9 U	3.9 U	4.1 U	4.6 U	4.4 U		39 U	4.2 U	3.9 U	40 U	3.9 U		4.0 U	3.9 U	4.3 U
4-Methylphenol	NS	10 U	10 U	11 U	10 U	11 U	12 U	220 U	210 U	10 U	10 U	10 U	11 U	12 U	11 U		100 U	11 U	10 U	100 U	10 U		11 U	10 U	11 U
4-Nitroaniline	NS	21 U	21 U	22 U	20 U	22 U	23 U	440 U	420 U	21 U	20 U	21 U	22 U	24 U	23 U		210 U	22 U	21 U	210 U	20 U		21 U	20 U	22 U
4-Nitrophenol	NS	45 U	45 U	49 U	44 U	47 U	51 U	950 U	920 UJ	45 U	44 U	45 U	47 U	52 U	50 U		450 U	48 U	45 U	450 U	44 U		46 U	44 U	48 U
Acenaphthene	100,000[a]	2.2 U	2.2 U	2.4 U	11 J	2.3 U	2.5 U	46 U	44 U	2.2 U	2.1 U	2.2 U	2.3 U	19 J	2.4 U		85 J	130 J	2.2 U	57 J	2.1 U		28 J	2.1 U	2.4 U
Acenaphthylene[c]	100,000[a]	1.5 U	1.5 U	1.6 U	1.5 U	1.6 U	1.7 U	32 U	31 U	1.5 U	1.5 U	1.5 U	1.6 U	8.4 J	13 J		15 U	37 J	1.5 U	15 U	1.5 U		18 J	1.5 U	1.6 U
Acetophenone	NS	9.5 U	9.6 U	10 U	9.3 U	10 U	11 U	200 U	190 U	9.6 U	9.3 U	9.4 U	9.9 U	11 U	15 J		94 U	10 U	9.5 U	95 U	9.4 U		9.7 U	9.3 U	10 U
Anthracene[c]	100,000[a]	4.8 U	4.8 U	5.2 U	30 J	5 U	5.3 U	100 U	380 J	4.8 U	27 J	4.7 U	5.0 U	41 J	12 J		47 U	130 J	4.7 U	47 U	4.7 U		63 J	9.2 J	5.1 U
Atrazine	NS	8.3 U	8.3 U	9 U	8.1 U	8.7 U	9.3 U	170 U	170 U	8.3 U	8.1 U	8.2 U	8.6 U	9.6 U	9.2 U		82 U	8.9 U	8.2 U	83 U	8.1 U		8.5 U	8.1 U	8.9 U
Benzaldehyde	NS	20 U	21 U	22 U	20 U	21 U	23 U	R	410 U	21 U	20 U	20 U	21 U	24 U	23 U		200 U	22 U	20 U	200 U	20 U		21 U	20 U	22 U
Benzo(a)anthracene[c]	1,000[c]	3.2 U	3.2 U	3.5 U	130 J	3.4 U	3.6 U	500 J	1,300 J	3.2 U	110 J	23 J	3.3 U	170 J	68 J		650 J	550	3.2 U	32 U	3.1 U		280	29 J	3.5 U
Benzo(a)pyrene	1,000[c]	4.5 U	4.5 U	4.9 U	140 J	4.7 U	5 U	94 U	1,300 J	4.5 U	100 J	4.4 U	45 J	210 J	160 J		660 J	500	4.5 U	45 U	4.4 U		270	4.4 U	4.8 U
Benzo(b)fluoranthene[c]	1,000[c]	3.6 U	3.6 U	3.9 U	200	3.8 U	4.1 U	76 U	1,800 J	3.6 U	150 J	32 J	3.8 U	280	210		870 J	570	3.6 U	36 U	3.5 U		290	3.5 U	3.9 U
Benzo(ghi)perylene[c]	100,000[a]	150 J	2.2 U	2.4 U	49 J	2.4 U	2.5 U	47 U	810 J	2.3 U	70 J	2.2 U	2.3 U	160 J	180 J		490 J	340	2.2 U	22 U	2.2 U		210	65 J	2.4 U
Benzo(k)fluoranthene[c]	3,900	2 U	2.1 U	2.2 U	88 J	2.2 U	2.3 U	43 U	800 J	2.1 U	68 J	2.0 U	2.1 U	88 J	72 J		1,000 J	250	2 U	20 U	2 U		120 J	2.0 U	2.2 U
Biphenyl	NS	12 U	12 U	13 U	11 U	12 U	13 U	240 U	240 U	12 U	11 U	11 U	12 U	13 U	13 U		110 U	12 U	12 U	120 U	11 U		12 U	11 U	12 U
Bis(2-chloroisopropyl)ether	NS	19 U	20 U	21 U	19 U	20 U	22 U	410 U	400 U	20 U	19 U	19 U	20 U	22 U	22 U		190 U	21 U	19 U	190 U	19 U		20 U	19 U	21 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	11 U	9.9 U	11 U	11 U	210 U	210 U	10 U	9.9 U	10 U	11 U	12 U	11 U		100 U	11 U	10 U	100 U	9.9 U		10 U	9.8 U	11 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	17 U	16 U	17 U	18 U	340 U	330 U	16 U	16 U	16 U	17 U	19 U	18 U		160 U	17 U	16 U	160 U	16 U		16 U	16 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	60 U	60 U	65 U	180	63 U	67 U	1,300 U	1,200 U	60 U	59 U	59 U	62 U	69 U	66 U		2,300	64 U	60 U	1,400 J	59 U		61 U	58 U	64 U
Butyl benzyl phthalate	NS	50 U	50 U	54 U	49 U	53 U	56 U	1,100 U	1,000 U	50 U	49 U	49 U	52 U	58 U	55 U		490 U	53 U	50 U	500 U	49 U		51 U	49 U	54 U
Caprolactum	NS	80 U	81 U	87 U	79 U	85 U	90 U	1,700 U	1,600 U	81 U	79 U	80 U	84 U	93 U	89 U		800 U	86 U	80 U	800 U	79 U		82 U	78 U	87 U
Carbazole	NS	2.1 U	2.2 U	2.3 U	2.1 U	2.3 U	2.4 U	45 U	200 J	2.2 U	2.1 U	2.1 U	2.2 U	16 J	2.4 U		21 U	2.3 U	2.1 U	21 U	2.1 U		17 J	2.1 U	2.3 U
Chrysene[c]	3,900	1.9 U	1.9 U	2 U	140 J	2 U	2.1 U	410 J	1,400 J	1.9 U	130 J	32 J	1.9 U	200 J	110 J		890 J	660	1.8 U	400 J	1.8 U		290	22 J	2.0 U
Dibenzo(a,h)anthracene[c]	330[e]	2.2 U	2.2 U	2.4 U	2.1 U	2.3 U	2.5 U	46 U	330 J	2.2 U	20 J	2.2 U	2.3 U	2.5 U	2.4 U		22 U	80 J	2.2 U	22 U	2.1 U		44 J	2.1 U	2.4 U
Dibenzofuran[c]	59,000	1.9 U	1.9 U	2.1 U	1.9 U	2 U	2.2 U	41 U	39 U	2.0 U	1.9 U	1.9 U	2.0 U	11 J	2.1 U		19 U	2.1 U	1.9 U	19 U	1.9 U		22 J	1.9 U	2.1 U
Diethyl phthalate	NS	5.6 U	5.7 U	6.1 U	5.5 U	5.9 U	6.3 U	120 U	110 U	5.7 U	5.5 U	5.6 U	5.9 U	6.5 U	6.2 U		56 U	6 U	5.6 U	56 U	5.5 U		5.7 U	5.5 U	6.0 U
Dimethyl phthalate	NS	4.8 U	4.9 U	5.3 U	4.7 U	5.1 U	5.4 U	100 U	99 U	4.9 U	4.7 U	4.8 U	5.1 U	5.6 U	5.4 U		48 U	5.2 U	4.8 U	48 U	4.8 U		5.0 U	4.7 U	5.2 U
Di-n-butylphthalate	NS	64 U	65 U	70 U	63 U	68 U	72 U	1,400 U	1,300 U	65 U	63 U	64 U	67 U	74 U	71 U		640 U	69 U	64 U	640 U	63 U		68 J	63 U	69 U
Di-n-octylphthalate	NS	4.3 U	4.4 U	4.7 U	4.3 U	4.6 U	4.9 U	92 U	89 U	4.4 U	4.3 U	4.3 U	4.5 U	5 U	4.8 U		43 U	4.7 U	4.3 U	43 U	4.3 U		4.4 U	4.2 U	4.7 U
Fluoranthene[c]	100,000[a]	2.7 U	2.7 U	2.9 U	240	2.8 U	3 U	560 J	2,600 J	14 J	240	36 J	2.8 U	250	36 J		350 J	980	2.7 U	27 U	2.6 U		350	28 J	2.9 U
Fluorene	100,000[a]	4.3 U	4.3 U	4.6 U	4.2 U	4.5 U	4.8 U	90 U	87 U	4.3 U	4.2 U	4.2 U	4.5 U	26 J	4.7 U		42 U	33 J	4.3 U	43 U	4.2 U		46 J	4.2 U	4.6 U
Hexachlorobenzene	1,200	9.2 U	9.3 U	10 U	9 U	9.7 U	10 U	190 U	190 U	9.3 U	9.0 U	9.1 U	9.6 U	11 U	10 U		91 U	9.9 U	9.2 U	92 U	9.1 U		9.4 U	9.0 U	9.9 U
Hexachlorobutadiene	NS	9.5 U	9.6 U	10 U	9.3 U	10 U	11 U	200 U	190 U	9.6 U	9.3 U	9.4 U	9.9 U	11 U	11 U		94 U	10 U	9.5 U	95 U	9.3 U		9.7 U	9.3 U	10 U
Hexachlorocyclopentadiene	NS	56 U	57 U	61 U	55 U	59 U	63 U	1,200 U	1,100 U	57 U	55 U	56 U	59 U	65 U	62 U		560 U	60 U	56 U	560 U	55 U		57 U	55 U	60 U
Hexachloroethane	NS	14 U	14 U	16 U	14 U	15 U	16 U	300 U	290 U	15 U	14 U	14 U	15 U	17 U	16 U		140 U	15 U	14 U	140 U	14 U		15 U	14 U	15 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.1 U	5.2 U	5.6 U	45 J	5.4 U	5.8 U	110 U	920 J	5.2 U	84 J	5.1 U	5.4 U	190 J	180 J		460 J	290	5.1 U	51 U	5 U		200	67 J	5.5 U
Isophorone	NS	9.3 U	9.4 U	10 U	9.1 U	9.8 U	10 U	200 U	190 U	9.4 U	9.1 U	9.2 U	9.7 U	11 U	10 U		92 U	10 U	9.2 U	93 U	9.1 U		9.5 U	9.0 U	10 U
Naphthalene[c]	100,000[a]	3.1 U	3.1 U	3.4 U	3 U	3.3 U	3.5 U	65 U	63 U	3.1 U	3.0 U	11 J	3.2 U	14 J	11 J		31 U	3.3 U	3.1 U	31 U	3 U		8.7 J	3.0 U	3.3 U
Nitrobenzene	NS	8.2 U	8.3 U	8.9 U	8.1 U	8.7 U	9.3 U	170 U	170 U	8.3 U	8.1 U	8.2 U	8.6 U	9.5 U	9.1 U		81 U	8.8 U	8.2 U	82 U	8.1 U		8.4 U	8.0 U	8.9 U
n-Nitrosodi-n-propylamine	NS	15 U	15 U	16 U	14 U	16 U	17 U	310 U	300 U	15 U	14 U	15 U	15 U	17 U	16 U		150 U	16 U	15 U	150 U	14 U		15 U	14 U	16 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	11 U	9.9 U	11 U	11 U	210 U	210 U	10 U	9.9 U	10 U	11 U	12 U	11 U		100 U	11 U	10 U	100 U	10 U		10 U	9.9 U	11 U
Pentachlorophenol	6,700	64 U	64 U	69 U	62 U	67 U	72 U	1,300 U	1,300 U	64 U	62 U	63 U	66 U	74 U	71 U		630 U	68 U	63 U	640 U	63 U		65 U	62 U	69 U
Phenanthrene[c]	100,000[a]	3.9 U	3.9 U	4.2 U	74 J	4.1 U	4.4 U	220 J	1,800 J	16 J	140 J	34 J	4.1 U	100 J	11 J		39 U	1,400	3.9 U	39 U	3.8 U		280	27 J	4.2 U
Phenol	100,000[a]	20 U	20 U	21 U	19 U	21 U	22 U	410 U	400 U	20 U	19 U	19 U	20 U	23 U	22 U		190 U	21 U	19 U	200 U	19 U		20 U	19 U	21 U
Pyrene[c]	100,000[a]	1.2 U	1.2 U	1.3 U	200	1.3 U	1.4 U	670 J	2,700 J	13 J	250	47 J	1.3 U	410 J	85 J		2,100	1,900	80 J	1,100 J	32 J		620	41 J	1.3 U
Total SVOCs		150	ND	ND	1,387	ND	ND	2,360	16,340	43	1,389	222.2	45	2,200	1,163		9,855	7,850	80	2,957	32		3,235.7	288.2	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-056			LT-C-057			LT-C-058			LT-C-060			LT-C-061			LT-C-062			LT-C-063			LT-C-064		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	480-54634-15	480-54634-16	480-54634-18	480-55157-29	480-55157-30	480-55157-31	480-54955-17	480-54955-18	480-54955-19	480-55212-1	480-55212-2	480-55212-3	480-55280-1	480-55280-2	480-55280-3	480-55280-11	480-55280-12	480-55280-13	480-55280-14	480-55280-15	480-55280-16	480-55330-18	480-55330-19	480-55330-20
Sampling Date:	Use	2/10/2014	2/10/2014	2/10/2014	2/21/2014	2/21/2014	2/21/2014	2/19/2014	2/19/2014	2/19/2014	2/24/2014	2/24/2014	2/24/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	230 U	840 U	860 U	40 U	41 U	41 U	40 U	39 U	38 U	42 U	38 U	40 U	39 U	40 U	39 U	39 U	39 U	40 U	40 U	38 U	40 U	40 U	44 U	39 U
2,4,6-Trichlorophenol	NS	70 U	250 U	260 U	12 U	13 U	12 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	13 U	12 U
2,4-Dichlorophenol	NS	56 U	200 U	210 U	9.6 U	10 U	9.8 U	9.6 U	9.5 U	9.2 U	10 U	9.2 U	9.7 U	9.3 U	9.6 U	9.4 U	9.3 U	9.3 U	9.5 U	9.5 U	9.1 U	9.6 U	9.7 U	10 U	9.3 U
2,4-Dimethylphenol	NS	290 U	1,000 U	1,100 U	49 U	51 U	51 U	50 U	49 U	47 U	51 U	47 U	50 U	48 U	50 U	49 U	48 U	48 U	49 U	49 U	47 U	49 U	50 U	54 U	48 U
2,4-Dinitrophenol	NS	370 U	1,300 U	1,400 U	64 U	67 U	65 U	64 U	63 U	61 U	67 U	61 U	65 U	62 U	64 U	63 U	62 U	62 U	63 U	64 U	61 U	64 U	65 U	70 U	62 U
2,4-Dinitrotoluene	NS	170 U	600 U	610 U	28 U	29 U	29 U	28 U	28 U	27 U	29 U	27 U	29 U	28 U	28 U	28 U	27 U	27 U	28 U	28 U	27 U	28 U	29 U	31 U	28 U
2,6-Dinitrotoluene	NS	260 U	940 U	970 U	45 U	47 U	46 U	45 U	44 U	43 U	47 U	43 U	45 U	44 U	45 U	44 U	43 U	43 U	44 U	45 U	42 U	45 U	45 U	49 U	44 U
2-Chloronaphthalene	NS	72 U	260 U	270 U	12 U	13 U	13 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	13 U	12 U
2-Chlorophenol	NS	54 U	200 U	200 U	9.3 U	9.7 U	9.5 U	9.4 U	9.2 U	8.9 U	9.7 U	8.9 U	9.4 U	9.1 U	9.3 U	9.1 U	9 U	9 U	9.2 U	9.3 U	8.8 U	9.3 U	9.4 U	10 U	9.1 U
2-Methylnaphthalene	NS	13 U	47 U	48 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.1 U	2.3 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.4 U	2.2 U
2-Methylphenol	NS	33 U	120 U	120 U	5.6 U	5.8 U	5.8 U	5.7 U	5.5 U	5.4 U	5.9 U	5.4 U	5.7 U	5.5 U	5.6 U	5.5 U	5.5 U	5.4 U	5.6 U	5.6 U	5.3 U	5.6 U	5.7 U	6.1 U	5.5 U
2-Nitroaniline	NS	340 U	1,200 U	1,300 U	59 U	61 U	60 U	59 U	58 U	56 U	61 U	56 U	59 U	57 U	59 U	58 U	57 U	57 U	58 U	58 U	55 U	59 U	59 U	64 U	57 U
2-Nitrophenol	NS	49 U	180 U	180 U	8.3 U	8.7 U	8.6 U	8.4 U	8.2 U	8 U	8.7 U	8 U	8.5 U	8.1 U	8.4 U	8.2 U	8.1 U	8.1 U	8.3 U	8.3 U	7.9 U	8.4 U	8.5 U	9.1 U	8.1 U
3,3'-Dichlorobenzidine	NS	930 UJ	3,400 UJ	3,500 U	160 U	170 U	160 U	160 U	160 U	150 U	170 U	150 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	150 U	160 U	160 U	170 U	160 U
3-Nitroaniline	NS	250 U	890 U	910 U	42 U	44 U	43 U	42 U	41 U	40 U	44 U	40 U	43 U	41 U	42 U	41 U	41 U	41 U	42 U	42 U	40 U	42 U	43 U	46 U	41 U
4,6-Dinitro-o-cresol[f]	100,000[a]	370 U	1,300 U	1,400 U	63 U	66 U	65 U	64 U	62 U	60 U	66 U	61 U	64 U	62 U	63 U	62 U	61 U	61 U	63 U	63 U	60 U	63 U	64 U	69 U	62 U
4-Bromophenyl phenyl ether	NS	340 U	1,200 U	1,300 U	58 U	60 U	60 U	59 U	57 U	56 U	61 U	56 U	59 U	57 U	58 U	57 U	57 U	56 U	58 U	58 U	55 U	58 U	59 U	63 U	57 U
4-Chloro-3-methylphenol	NS	44 U	160 U	160 U	7.5 U	7.8 U	7.7 U	7.6 U	7.4 U	7.2 U	7.8 U	7.2 U	7.6 U	7.3 U	7.6 U	7.4 U	7.3 U	7.3 U	7.5 U	7.5 U	7.1 U	7.5 U	7.6 U	8.2 U	7.3 U
4-Chloroaniline	NS	310 U	1,100 U	1,200 U	54 U	56 U	55 U	54 U	53 U	51 U	4.1 U	52 U	54 U	52 U	54 U	53 U	52 U	52 U	53 U	53 U	51 U	54 U	54 U	59 U	52 U
4-Chlorophenyl phenyl ether	NS	23 U	82 U	84 U	3.9 U	4.1 U	4 U	3.9 U	3.8 U	3.7 U	4.1 U	3.7 U	3.9 U	3.8 U	3.9 U	3.8 U	3.8 U	3.8 U	3.9 U	3.9 U	3.7 U	3.9 U	4 U	4.3 U	3.8 U
4-Methylphenol	NS	59 U	210 U	220 U	10 U	11 U	10 U	10 U	10 U	9.7 U	11 U	9.8 U	10 U	9.9 U	10 U	10 U	9.9 U	9.9 U	10 U	10 U	9.6 U	10 U	10 U	11 U	9.9 U
4-Nitroaniline	NS	120 U	430 U	440 U	20 U	21 U	21 U	21 U	20 U	20 U	21 U	20 U	21 U	20 U	21 U	20 U	20 U	20 U	20 U	20 U	19 U	20 U	21 U	22 U	20 U
4-Nitrophenol	NS	260 UJ	930 UJ	960 UJ	44 U	46 U	45 U	45 U	44 U	42 U	46 U	43 U	45 U	43 U	45 U	44 U	43 U	43 U	44 U	44 U	42 U	44 U	45 U	48 U	43 U
Acenaphthene	100,000[a]	23 J	45 U	310 J	2.1 U	92 J	41 J	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2.1 U	2.2 U	2.3 U	2.1 U
Acenaphthylene[c]	100,000[a]	8.7 U	31 U	32 U	1.5 U	32 J	56 J	1.5 U	1.5 U	1.4 U	1.6 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.6 U	1.5 U
Acetophenone	NS	55 U	200 U	200 U	9.4 U	9.8 U	9.6 U	9.4 U	9.3 U	9 U	9.8 U	9 U	9.5 U	9.1 U	9.4 U	9.2 U	9.1 U	9.1 U	9.3 U	9.3 U	8.9 U	9.4 U	9.5 U	10 U	9.1 U
Anthracene[c]	100,000[a]	94 J	350 J	380 J	4.7 U	72 J	4.8 U	4.7 U	4.6 U	4.5 U	4.9 U	4.5 U	4.7 U	4.6 U	4.7 U	4.6 U	4.5 U	4.5 U	4.6 U	4.7 U	4.4 U	4.7 U	4.7 U	5.1 U	4.6 U
Atrazine	NS	47 U	170 U	180 U	8.1 U	8.5 U	8.3 U	8.2 U	8 U	7.8 U	8.5 U	7.8 U	8.2 U	7.9 U	8.2 U	8 U	7.9 U	7.9 U	8.1 U	8.1 U	7.7 U	8.1 U	8.3 U	8.9 U	7.9 U
Benzaldehyde	NS	120 U	420 U	430 U	20 U	21 U	21 U	20 U	20 U	19 U	21 U	19 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U	20 U	20 U	22 U	20 U
Benzo(a)anthracene[c]	1,000[c]	18 UJ	880 J	650 J	3.2 U	580	330	3.2 U	3.1 U	3 U	11 J	3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3 U	3.2 U	3.2 U	3.4 U	3.1 U
Benzo(a)pyrene	1,000[c]	370 J	950 J	580 J	4.4 U	530	320	4.4 U	4.3 U	4.2 U	4.6 U	4.2 U	4.5 U	4.3 U	4.4 U	4.3 U	4.3 U	4.3 U	4.4 U	4.4 U	4.2 U	4.4 U	4.5 U	4.8 U	4.3 U
Benzo(b)fluoranthene[c]	1,000[c]	430 J	1,100 J	77 U	3.5 U	660	330	3.6 U	3.5 U	3.4 U	3.7 U	3.4 U	3.6 U	3.5 U	3.6 U	3.5 U	3.4 U	3.4 U	3.5 U	3.5 U	3.4 U	3.5 U	3.6 U	3.9 U	3.5 U
Benzo(ghi)perylene[c]	100,000[a]	770 J	1,700 J	48 U	2.2 U	370	220	2.2 U	2.2 U	2.1 U	2.3 U	2.1 U	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.4 U	2.1 U
Benzo(k)fluoranthene[c]	3,900	290 J	560 J	44 U	2 U	330	200	2 U	2 U	1.9 U	2.1 U	1.9 U	2 U	2 U	2 U	2 U	2 U	1.9 U	2 U	2 U	1.9 U	2 U	2 U	2.2 U	2 U
Biphenyl	NS	66 U	240 U	250 U	11 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	12 U	12 U	11 U
Bis(2-chloroisopropyl)ether	NS	110 U	400 U	410 U	19 U	20 U	20 U	19 U	19 U	18 U	20 U	18 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	18 U	19 U	19 U	21 U	19 U
Bis(2-chloroethoxy)methane	NS	58 U	210 U	220 U	9.9 U	10 U	10 U	10 U	9.8 U	9.5 U	10 U	9.6 U	10 U	9.7 U	10 U	9.8 U	9.7 U	9.6 U	9.9 U	9.9 U	9.4 U	9.9 U	10 U	11 U	9.7 U
Bis(2-chloroethyl)ether	NS	92 U	330 U	340 U	16 U	16 U	16 U	16 U	16 U	15 U	16 U	15 U	16 U	15 U	16 U	16 U	15 U	15 U	16 U	16 U	15 U	16 U	16 U	17 U	15 U
Bis(2-Ethylhexyl)phthalate	NS	340 UJ	1,200 UJ	1,300 U	59 U	61 U	60 U	59 U	58 U	56 U	61 U	57 U	60 U	110 J	77 J	130 J	57 U	57 U	58 U	59 U	77 J	59 U	60 U	64 U	57 U
Butyl benzyl phthalate	NS	290 UJ	1,000 UJ	1,100 UJ	49 U	51 U	50 U	49 U	48 U	47 U	51 U	47 U	50 U	48 U	49 U	48 U	48 U	48 U	49 U	49 U	46 U	49 U	50 U	54 U	48 U
Caprolactum	NS	460 U	1,700 U	1,700 U	79 U	82 U	81 U	80 U	78 U	76 U	82 U	76 U	80 U	77 U	79 U	78 U	77 U	77 U	78 U	79 U	75 U	79 U	80 U	86 U	77 U
Carbazole	NS	12 U	45 U	46 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2 U	2.2 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2.1 U	2.1 U	2.3 U	2.1 U
Chrysene[c]	3,900	350 J	880 J	610 J	30 J	690	380	1.8 U	1.8 U	1.7 U	11 J	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	2 U	1.8 U
Dibenzo(a,h)anthracene[c]	330[e]	13 U	45 U	47 U	2.1 U	90 J	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2.2 U	2.2 U	2.3 U	2.1 U
Dibenzofuran[c]	59,000	11 U	40 U	41 U	1.9 U	2 U	1.9 U	1.9 U	1.9 U	1.8 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U
Diethyl phthalate	NS	32 U	120 U	120 U	5.5 U	5.7 U	5.7 U	5.6 U	5.4 U	5.3 U	5.8 U	5.3 U	5.6 U	5.4 U	5.5 U	5.4 U	5.4 U	5.4 U	5.5 U	5.5 U	5.2 U	5.5 U	5.6 U	6 U	5.4 U
Dimethyl phthalate	NS	28 U	100 U	100 U	4.8 U	5 U	4.9 U	4.8 U	4.7 U	4.6 U	5 U	4.6 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.6 U	4.7 U	4.8 U	4.5 U	4.8 U	4.8 U	5.2 U	4.6 U
Di-n-butylphthalate	NS	370 U	1,300 U	1,400 U	63 U	66 U	65 U	64 U	62 U	60 U	66 U	61 U	64 U	62 U	63 U	62 U	61 U	61 U	63 U	63 U	60 U	63 U	64 U	69 U	62 U
Di-n-octylphthalate	NS	25 UJ	90 UJ	93 U	4.3 U	4.4 U	4.4 U	4.3 U	4.2 U	4.1 U	4.5 U	4.1 U	4.3 U	4.2 U	4.3 U	4.2 U	4.2 U	4.1 U	4.2 U	4.3 U	4 U	4.3 U	4.3 U	4.7 U	4.2 U
Fluoranthene[c]	100,000[a]	390 J	680 J	700 J	2.6 U	1,200	390	2.7 U	2.6 U	2.5 U	2.8 U	2.5 U	2.7 U	15 J	2.7 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.5 U	2.6 U	2.7 U	2.9 U	2.6 U
Fluorene	100,000[a]	25 U	300 J	570 J	4.2 U	12 J	4.3 U	4.2 U	4.2 U	4 U	4.4 U	4 U	4.3 U	4.1 U	4.2 U	4.1 U	4.1 U	4.1 U	4.2 U	4.2 U	4 U	4.2 U	4.3 U	4.6 U	4.1 U
Hexachlorobenzene	1,200	53 U	190 U	200 U	9.1 U	9.4 U	9.3 U	9.1 U	9 U	8.7 U	9.5 UJ	8.7 U	9.2 U	8.9 U	9.1 U	8.9 U	8.8 U	8.8 U	9 U	9 U	8.6 U	9.1 U	9.2 U	9.9 U	8.8 U
Hexachlorobutadiene	NS	55 U	200 U	200 U	9.3 U	9.7 U	9.6 U	9.4 U	9.2 U	8.9 U	9.7 U	9 U	9.5 U	9.1 U	9.4 U	9.2 U	9.1 U	9.1 U	9.3 U	9.3 U	8.9 U	9.4 U	9.5 U	10 U	9.1 U
Hexachlorocyclopentadiene	NS	320 U	1,200 U	1,200 U	55 U	57 U	57 U	56 U	55 U	53 U	58 U	53 U	56 U	54 U	56 U	54 U	54 U	54 U	55 U	55 U	52 U	55 U	56 U	60 U	54 U
Hexachloroethane	NS	82 U	300 U	310 U	14 U	15 U	14 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	13 U	14 U	14 U	15 U	14 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	620 J	1,300 J	110 U	5.1 U	380	190	5.1 U	5 U	4.8 U	5.3 U	4.9 U	5.1 U	4.9 U	5.1 U	5 U	4.9 U	4.9 U	5 U	5 U	4.8 U	5.1 U	5.1 U	5.5 U	4.9 U
Isophorone	NS	53 U	190 U	200 U	9.1 U	9.5 U	9.4 U	9.2 U	9 U	8.7 U	9.5 U	8.8 U	9.2 U	8.9 U	9.2 U	9 U	8.9 U	8.9 U	9.1 U	9.1 U	8.6 U	9.1 U	9.3 U	10 U	8.9 U
Naphthalene[c]	100,000[a]	18 U	64 U	66 U	3 U	3.2 U	3.1 U	3.1 U	3 U	2.9 U	3.2 U	2.9 U	3.1 U	3 U	3.1 U	3 U	3 U	2.9 U	3 U	3 U	2.9 U	3 U	3.1 U	3.3 U	3 U
Nitrobenzene	NS	47 U	170 U	180 U	8.1 U	8.4 U	8.3 U	8.2 U	8 U	7.7 U	8.4 U	7.8 U	8.2 U	7.9 U	8.1 U	8 U	7.9 U	7.9 U	8 U	8.1 U	7.7 U	8.1 U	8.2 U	8.8 U	7.9 U
n-Nitrosodi-n-propylamine	NS	84 U	300 U	310 U	14 U	15 U	15 U	15 U	14 U	14 U	15 U	14 U	15 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	15 U	16 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	58 U	210 U	220 U	10 U	10 U	10 U	10 U	9.9 U	9.6 U	10 U	9.6 U	10 U	9.7 U	10 U	9.8 U	9.7 U	9.7 U	9.9 U	10 U	9.5 U	10 U	10 U	11 U	9.7 U
Pentachlorophenol	6,700	370 U	1,300 U	1,400 U	63 U	65 U	64 U	63 U	62 U	60 U	65 U	60 U	63 U	61 U	63 U	62 U	61 U	61 U	62 U	62 U	59 U	63 U	64 U	68 U	61 U
Phenanthrene[c]	100,000[a]	230 J	250 J	820 J	3.8 U	1,200	66 J	3.9 U	3.8 U	3.7 U	4 U	3.7 U	3.9 U	3.7 U	3.9 U	3.8 U	3.7 U	3.7 U	3.8 U	3.8 U	3.6 U	3.8 U	3.9 U	4.2 U	3.7 U
Phenol	100,000[a]	110 U	410 U	420 U	19 U	20 U	20 U	19 U	19 U	18 U	20 U	18 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	18 U	19 U	230	21 U	19 U
Pyrene[c]	100,000[a]	500 J	1,100 J	1,100 J	49 J	2,100	1,000	1.2 U	1.2 U	1.1 U	9.2 J	1.1 U	1.2 U	17 J	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.3 U	1.2 U
Total SVOCs		4,067	10,050	5,720	49	8,338	3,523	ND	ND	ND	31.2	ND	ND	142	77	ND	ND	ND	ND	ND	77	ND	230	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-065			LT-C-066			LT-C-067			LT-C-068			LT-C-069			LT-C-070			LT-C-071			LT-C-072		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-55330-1	480-55330-2	480-55330-3	480-55330-4	480-55330-5	480-55330-6	480-55330-7	480-55330-8	480-55330-9	480-55330-12	480-55330-13	480-55330-14	480-55280-17	480-55280-18	480-55280-19	480-55330-15	480-55330-16	480-55330-17	480-55330-21	480-55330-22	480-55330-23	480-55391-1	480-55391-2	480-55391-3
Sampling Date:	Use	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/27/2014	2/27/2014	2/27/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	41 U	42 U	40 U	42 U	41 U	41 U	43 U	43 U	41 U	45 U	43 U	40 U	40 U	40 U	39 U	43 U	42 U	42 U	42 U	41 U	40 U	39 U	41 U	40 U
2,4,6-Trichlorophenol	NS	12 U	13 U	12 U	13 U	12 U	13 U	13 U	13 U	12 U	14 U	13 U	12 U	12 U	12 U	12 U	13 U	13 U	13 U	13 U	12 U	12 U	12 U	13 U	12 U
2,4-Dichlorophenol	NS	9.8 U	10 U	9.7 U	10 U	9.9 U	9.9 U	10 U	10 U	9.9 U	11 U	10 U	9.6 U	9.7 U	9.5 U	9.4 U	10 U	10 U	10 U	10 U	9.9 U	9.7 U	9.3 U	10 U	9.6 U
2,4-Dimethylphenol	NS	50 U	51 U	50 U	52 U	51 U	51 U	54 U	53 U	51 U	56 U	53 U	50 U	50 U	49 U	48 U	53 U	52 U	52 U	52 U	51 U	50 U	48 U	51 U	49 U
2,4-Dinitrophenol	NS	65 UJ	67 U	65 U	68 U	66 U	66 U	69 U	69 U	66 U	72 U	69 U	64 U	65 U	63 U	63 U	69 U	67 U	67 U	67 U	66 U	65 U	62 U	67 U	64 U
2,4-Dinitrotoluene	NS	29 U	30 U	29 U	30 U	29 U	29 U	31 U	31 U	29 U	70 J	31 U	28 U	29 U	28 U	28 U	30 U	30 U	30 U	30 U	29 U	29 U	27 U	29 U	28 U
2,6-Dinitrotoluene	NS	46 U	47 U	45 U	47 U	46 U	46 U	48 U	48 U	46 U	50 U	48 U	45 U	45 U	44 U	44 U	48 U	47 U	47 U	47 U	46 U	45 U	43 U	47 U	45 U
2-Chloronaphthalene	NS	12 U	13 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	14 U	13 U	12 U	12 U	12 U	12 U	13 U	13 U	13 U	13 U	13 U	12 U	12 U	13 U	12 U
2-Chlorophenol	NS	9.5 U	9.7 U	9.4 U	9.9 U	9.6 U	9.7 U	10 U	10 U	9.6 U	10 U	10 U	9.4 U	9.4 U	9.2 U	9.1 U	10 U	9.7 U	9.8 U	9.8 U	9.6 U	9.4 U	9 U	9.7 U	9.3 U
2-Methylnaphthalene	NS	2.3 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.4 U	2.4 U	2.3 U	2.5 U	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.4 U	2.3 U	2.3 U	2.3 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
2-Methylphenol	NS	33 J	31 J	35 J	31 J	30 J	36 J	32 J	36 J	29 J	37 J	6.1 U	5.7 U	5.7 U	5.6 U	5.5 U	6.1 U	5.9 U	5.9 U	5.9 U	5.8 U	5.7 U	5.4 U	5.8 U	5.6 U
2-Nitroaniline	NS	60 U	61 U	60 U	62 U	61 U	61 U	64 U	63 U	60 U	66 U	63 U	59 U	59 U	58 U	58 U	63 U	61 U	62 U	62 U	60 U	59 U	57 U	61 U	59 U
2-Nitrophenol	NS	8.5 U	8.7 U	8.5 U	8.9 U	8.7 U	8.7 U	9.1 U	9 U	8.6 U	9.4 U	9 U	8.4 U	8.4 U	8.3 U	8.2 U	9 U	8.7 U	8.8 U	8.8 U	8.6 U	8.5 U	8.1 U	8.7 U	8.4 U
3,3'-Dichlorobenzidine	NS	160 U	170 U	160 U	170 U	170 U	170 U	170 U	170 U	160 U	180 U	170 U	160 U	160 U	160 U	160 U	170 U	170 U	170 U	170 U	170 U	160 U	160 U	170 U	160 U
3-Nitroaniline	NS	43 U	44 U	43 U	45 U	44 U	44 U	46 U	45 U	43 U	47 U	46 U	42 U	42 U	42 U	41 U	45 U	44 U	44 U	44 U	43 U	43 U	41 U	44 U	42 U
4,6-Dinitro-o-cresol[f]	100,000[a]	64 U	66 U	64 U	67 U	65 U	65 U	68 U	68 U	65 U	71 U	68 U	64 U	64 U	63 U	62 U	68 U	66 U	66 U	67 U	65 U	64 U	61 U	66 U	63 U
4-Bromophenyl phenyl ether	NS	59 U	61 U	59 U	62 U	60 U	60 U	63 U	63 U	60 U	65 U	63 U	59 U	59 U	58 U	57 U	63 U	61 U	61 U	61 U	60 U	59 U	56 U	61 U	58 U
4-Chloro-3-methylphenol	NS	7.7 U	7.8 U	7.6 U	8 U	7.8 U	7.8 U	8.2 U	8.1 U	7.7 U	8.5 U	8.1 U	7.6 U	7.6 U	7.5 U	7.4 U	8.1 U	7.8 U	7.9 U	7.9 U	7.7 U	7.6 U	7.3 U	7.8 U	7.5 U
4-Chloroaniline	NS	55 U	56 U	54 U	57 U	56 U	56 U	58 U	58 U	55 U	60 U	58 U	54 U	54 U	53 U	53 U	58 U	56 U	56 U	57 U	55 U	54 U	52 U	56 U	54 U
4-Chlorophenyl phenyl ether	NS	4 U	4.1 U	4 U	4.1 U	4 U	4 U	4.2 U	4.2 U	4 U	4.4 U	4.2 U	3.9 U	3.9 U	3.9 U	3.8 U	4.2 U	4.1 U	4.1 U	4.1 U	4 U	3.9 U	3.8 U	4.1 U	3.9 U
4-Methylphenol	NS	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U	11 U	10 U	10 U	9.8 U	11 U	10 U
4-Nitroaniline	NS	21 U	21 U	21 U	22 U	21 U	21 U	22 U	22 U	21 U	23 U	22 U	21 U	21 U	20 U	20 U	22 U	21 U	21 U	22 U	21 U	21 U	20 U	21 U	20 U
4-Nitrophenol	NS	45 U	46 U	45 U	47 U	46 U	46 U	48 U	48 U	46 U	50 U	48 U	45 U	45 U	44 U	43 U	48 U	46 U	47 U	47 U	46 U	45 U	43 U	46 U	44 U
Acenaphthene	100,000[a]	2.2 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U
Acenaphthylene[c]	100,000[a]	1.5 U	1.6 U	1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 U	1.4 U	1.6 U	1.5 U
Acetophenone	NS	9.6 U	9.8 U	9.5 U	9.9 U	9.7 U	9.7 U	10 U	10 U	9.7 U	11 U	10 U	9.4 U	9.5 U	9.3 U	9.2 U	10 U	9.8 U	9.9 U	9.9 U	9.7 U	9.5 U	9.1 U	9.8 U	9.4 U
Anthracene[c]	100,000[a]	4.8 U	4.9 U	4.8 U	5 U	4.8 U	4.9 U	5.1 U	5.1 U	4.8 U	5.3 U	5.1 U	4.7 U	4.7 U	4.6 U	4.6 U	5 U	4.9 U	4.9 U	4.9 U	4.8 U	4.7 U	4.5 U	4.9 U	4.7 U
Atrazine	NS	8.3 U	8.5 U	8.3 U	8.6 U	8.4 U	8.4 U	8.8 U	8.8 U	8.4 U	9.1 U	8.8 U	8.2 U	8.2 U	8.1 U	8 U	8.8 U	8.5 U	8.5 U	8.6 U	8.4 U	8.2 U	7.9 U	8.5 U	8.1 U
Benzaldehyde	NS	20 U	21 U	20 U	21 U	21 U	21 U	22 U	22 U	21 U	23 U	22 U	20 U	20 U	20 U	20 U	22 U	21 U	21 U	21 U	21 U	20 U	19 U	21 UJ	20 U
Benzo(a)anthracene[c]	1,000[c]	27 J	25 J	3.2 U	3.3 U	3.3 U	3.3 U	3.4 U	3.4 U	3.2 U	21 J	3.4 U	3.2 U	3.2 U	3.1 U	3.1 U	3.4 U	3.3 U	3.3 U	3.3 U	3.2 U	3.2 U	3.1 U	3.3 U	3.2 U
Benzo(a)pyrene	1,000[c]	4.5 U	23 J	4.5 U	4.7 U	4.6 U	4.6 U	4.8 U	4.8 U	4.5 U	5 U	4.8 U	4.4 U	4.5 U	4.4 U	4.3 U	4.7 U	4.6 U	4.6 U	4.6 U	9.6 J	4.5 U	4.3 U	4.6 U	4.4 U
Benzo(b)fluoranthene[c]	1,000[c]	3.6 U	43 J	3.6 U	3.8 U	3.7 U	3.7 U	3.8 U	3.8 U	3.7 U	4 U	3.8 U	3.6 U	3.6 U	3.5 U	3.5 U	3.8 U	3.7 U	3.7 U	3.7 U	10 J	10 J	13 J	3.7 U	3.6 U
Benzo(ghi)perylene[c]	100,000[a]	2.2 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.4 U	2.4 U	2.3 U	2.5 U	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.4 U	2.3 U	2.3 U	2.3 U	12 J	9.5 J	2.1 U	2.3 U	2.2 U
Benzo(k)fluoranthene[c]	3,900	2.1 U	23 J	2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.3 U	2.2 U	2 U	2 U	2 U	2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	9.3 J	1.9 U	2.1 U	2 U
Biphenyl	NS	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	13 U	12 U	11 U	12 U	11 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U
Bis(2-chloroisopropyl)ether	NS	19 U	20 U	19 U	20 U	20 U	20 U	21 U	21 U	20 U	21 U	21 U	19 U	19 U	19 U	19 U	21 U	20 U	20 U	20 U	20 U	19 U	18 U	20 U	19 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	10 U	9.9 U	9.8 U	11 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	16 U	76 J	16 U	16 U	17 U	17 U	16 U	160 J	17 U	16 U	16 U	16 U	15 U	17 U	16 U	17 U	17 U	16 U	16 U	15 U	16 U	16 U
Bis(2-Ethylhexyl)phthalate	NS	60 U	98 J	60 U	62 U	61 U	61 U	64 U	140 J	61 U	66 U	64 U	59 U	60 U	58 U	58 U	63 U	61 U	62 U	62 U	61 U	60 U	57 U	61 U	78 J
Butyl benzyl phthalate	NS	50 U	51 U	50 U	52 U	51 U	51 U	53 U	53 U	51 U	55 U	53 U	49 U	50 U	49 U	48 U	53 U	51 U	52 U	52 U	51 U	50 U	47 U	51 U	49 U
Caprolactum	NS	81 U	82 U	80 U	84 U	82 U	82 U	86 U	85 U	81 U	89 U	86 U	80 U	80 U	78 U	78 U	85 U	83 U	83 U	83 U	81 U	80 U	77 U	82 U	79 U
Carbazole	NS	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U	2.1 U	2.1 U	2.1 U	2.1 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	2 U	2.2 U	2.1 U
Chrysene[c]	3,900	28 J	36 J	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U	16 J	2 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	7.7 J	1.9 U	11 J	1.9 U	1.8 U
Dibenzo(a,h)anthracene[c]	330[e]	2.2 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.4 U	2.3 U	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U
Dibenzofuran[c]	59,000	1.9 U	2 U	1.9 U	2 U	2 U	2 U	2.1 U	2.1 U	2 U	2.1 U	2.1 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.9 U
Diethyl phthalate	NS	5.6 U	5.8 U	5.6 U	5.8 U	5.7 U	5.7 U	6 U	6 U	5.7 U	6.2 U	6 U	5.6 U	5.6 U	5.5 U	5.4 U	5.9 U	5.8 U	5.8 U	5.8 U	5.7 U	5.6 U	5.3 U	5.7 U	5.5 U
Dimethyl phthalate	NS	4.9 U	5 U	4.8 U	5.1 U	4.9 U	4.9 U	5.2 U	5.1 U	4.9 U	5.4 U	5.2 U	4.8 U	4.8 U	4.7 U	4.7 U	5.1 U	5 U	5 U	5 U	4.9 U	4.8 U	4.6 U	5 U	4.8 U
Di-n-butylphthalate	NS	64 U	66 U	64 U	67 U	65 U	66 U	68 U	68 U	65 U	71 U	68 U	64 U	64 U	63 U	62 U	68 U	66 U	66 U	67 U	65 U	64 U	61 U	66 U	63 U
Di-n-octylphthalate	NS	4.4 U	4.5 U	4.3 U	4.5 U	4.4 U	4.4 U	4.6 U	4.6 U	4.4 U	4.8 U	4.6 U	4.3 U	4.3 U	4.2 U	4.2 U	4.6 U	4.5 U	4.5 U	4.5 U	4.4 U	4.3 U	4.1 U	4.4 U	4.3 U
Fluoranthene[c]	100,000[a]	31 J	39 J	2.7 U	17 J	2.7 U	2.7 U	2.9 U	2.9 U	2.7 U	16 J	2.9 U	2.7 U	2.7 U	2.6 U	2.6 U	2.9 U	2.8 U	2.8 U	2.8 U	6.6 J	2.7 U	7.4 J	2.8 U	2.7 U
Fluorene	100,000[a]	4.3 U	4.4 U	4.3 U	4.5 U	4.4 U	4.4 U	4.6 U	4.5 U	4.3 U	4.7 U	4.6 U	4.2 U	4.3 U	4.2 U	4.1 U	4.5 U	4.4 U	4.4 U	4.4 U	4.3 U	4.3 U	4.1 U	4.4 U	4.2 U
Hexachlorobenzene	1,200	9.3 U	9.5 U	9.2 U	9.6 U	9.4 U	9.4 U	9.8 U	9.8 U	9.3 U	10 U	9.8 U	9.1 U	9.2 U	9 U	8.9 U	9.8 U	9.5 U	9.5 U	9.6 U	9.3 U	9.2 U	8.8 U	9.5 U	9.1 U
Hexachlorobutadiene	NS	9.5 U	9.8 U	9.5 U	9.9 U	9.7 U	9.7 U	10 U	10 U	9.6 U	11 U	10 U	9.4 U	9.5 U	9.3 U	9.2 U	10 U	9.8 U	9.8 U	9.9 U	9.6 U	9.5 U	9 U	9.7 U	9.4 U
Hexachlorocyclopentadiene	NS	56 UJ	58 U	56 U	59 U	57 U	57 U	60 U	60 U	57 U	62 U	60 U	56 U	56 U	55 U	54 U	59 U	58 U	58 U	58 U	57 U	56 U	53 U	58 U	55 U
Hexachloroethane	NS	14 U	15 U	14 U	15 U	15 U	15 U	15 U	15 U	15 U	16 U	15 U	14 U	14 U	14 U	14 U	15 U	15 U	15 U	15 U	15 U	14 U	14 U	15 U	14 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.2 U	5.3 U	5.1 U	5.4 U	5.2 U	5.2 U	5.5 U	5.5 U	5.2 U	5.7 U	5.5 U	5.1 U	5.1 U	5 U	5 U	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	9.7 J	4.9 U	5.3 U	5.1 U
Isophorone	NS	9.3 U	9.5 U	9.3 U	9.7 U	9.5 U	9.5 U	9.9 U	9.9 U	9.4 U	10 U	9.9 U	9.2 U	9.2 U	9.1 U	9 U	9.8 U	9.5 U	9.6 U	9.6 U	9.4 U	9.2 U	8.8 U	9.5 U	9.1 U
Naphthalene[c]	100,000[a]	3.1 U	3.2 U	3.1 U	3.2 U	3.2 U	3.2 U	3.3 U	3.3 U	3.1 U	3.4 U	3.3 U	3.1 U	3.1 U	3 U	3 U	3.3 U	3.2 U	3.2 U	3.2 U	3.1 U	3.1 U	2.9 U	3.2 U	3 U
Nitrobenzene	NS	8.3 U	8.4 U	8.2 U	8.6 U	8.4 U	8.4 U	8.8 U	8.7 U	8.3 U	9.1 U	8.8 U	8.2 U	8.2 U	8 U	7.9 U	8.7 U	8.5 U	8.5 U	8.6 U	8.3 U	8.2 U	7.8 U	8.4 U	8.1 U
n-Nitrosodi-n-propylamine	NS	15 U	15 U	15 U	15 U	15 U	15 U	16 U	16 U	15 U	16 U	16 U	15 U	15 U	14 U	14 U	16 U	15 U	15 U	15 U	15 U	15 U	14 U	15 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U	11 U	10 U	10 U	9.9 U	9.8 U	11 U	10 U	10 U	11 U	10 U	10 U	9.7 U	10 U	10 U
Pentachlorophenol	6,700	64 U	65 U	64 U	66 U	65 U	65 U	68 U	68 U	65 U	71 U	68 U	63 U	63 U	62 U	61 U	67 U	65 U	66 U	66 U	65 U	63 U	61 U	65 U	63 U
Phenanthrene[c]	100,000[a]	15 J	13 J	3.9 U	4.1 U	4 U	4 U	4.2 U	4.1 U	3.9 U	12 J	4.2 U	3.9 U	3.9 U	3.8 U	3.8 U	4.1 U	4 U	4 U	4 U	3.9 U	3.9 U	3.7 U	4 U	3.8 U
Phenol	100,000[a]	20 U	20 U	20 U	20 U	20 U	20 U	21 U	21 U	20 U	22 U	21 U	19 U	19 U	19 U	19 U	21 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U	19 U
Pyrene[c]	100,000[a]	40 J	50 J	1.2 U	17 J	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U	23 J	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	7 J	5.4 J	11 J	1.2 U	1.2 U
Total SVOCs		174	381	ND	141	30	36	32	176	29	355	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	43.9	42.4	ND	78

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-073			LT-C-074			LT-C-075			LT-C-076			LT-G-001			LT-G-003			LT-G-004			LT-G-005		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-55391-4	480-55391-5	480-55391-6	480-55391-10	480-55391-11	480-55391-12	480-55489-1	480-55489-2	480-55489-3	480-55489-4	480-55489-5	480-55489-6	480-53877-14	480-53877-15	480-53877-16	480-54019-7	480-54019-8	480-54019-9	480-54019-10	480-54019-11	480-54017-12	480-54124-2	480-54124-3	480-54124-4
Sampling Date:	Use	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	1/27/2014	1/27/2014	1/27/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	41 U	38 U	39 U	40 U	41 U	41 U	39 U	40 U	38 U	39 U	38 U	39 U	41 U	42 U	40 U	40 U	43 U	43 U	40 U	38 U	44 U	52 U	47 U	46 U
2,4,6-Trichlorophenol	NS	12 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	13 U	12 U	12 U	13 U	13 U	12 U	12 U	13 U	16 U	14 U	14 U
2,4-Dichlorophenol	NS	9.9 U	9.1 U	9.3 U	9.6 U	9.8 U	9.8 U	9.4 U	9.7 U	9.2 U	9.3 U	9.2 U	9.5 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.2 U	11 U	13 U	11 U	11 U
2,4-Dimethylphenol	NS	51 U	47 U	48 U	49 U	50 U	51 U	48 U	50 U	47 U	48 U	47 U	49 U	51 U	52 U	50 U	49 U	53 U	53 U	50 U	47 U	54 U	65 U	58 U	57 U
2,4-Dinitrophenol	NS	66 U	61 U	62 U	64 U	65 U	65 U	63 U	64 U	61 U	62 U	62 U	63 U	66 U	67 U	64 U	64 U	68 U	68 U	64 U	61 U	70 U	84 U	75 U	74 U
2,4-Dinitrotoluene	NS	29 U	27 U	27 U	28 U	29 U	29 U	28 U	29 U	27 U	27 U	27 U	28 U	29 U	30 U	28 U	28 U	30 U	30 U	28 U	27 U	31 U	37 U	33 U	33 U
2,6-Dinitrotoluene	NS	46 U	42 U	43 U	45 U	46 U	46 U	44 U	45 U	43 U	43 U	43 U	44 U	46 U	47 U	45 U	45 U	48 U	48 U	45 U	43 U	49 U	59 U	52 U	52 U
2-Chloronaphthalene	NS	13 U	12 U	12 U	12 U	13 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	13 U	13 U	12 U	12 U	13 U	13 U	12 U	12 U	13 U	16 U	14 U	14 U
2-Chlorophenol	NS	9.6 U	8.8 U	9 U	9.3 U	9.5 U	9.5 U	9.1 U	9.4 U	8.9 U	9 U	8.9 U	9.2 U	9.6 U	9.8 U	9.3 U	9.3 U	10 U	10 U	9.3 U	8.9 U	10 U	12 U	11 U	11 U
2-Methylnaphthalene	NS	2.3 U	2.1 U	2.1 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U	2.4 U	2.9 U	2.6 U	2.6 U
2-Methylphenol	NS	5.8 U	5.3 U	5.4 U	5.6 U	5.7 U	5.8 U	5.5 U	5.7 U	5.4 U	5.4 U	5.4 U	5.6 U	5.8 U	5.9 U	5.6 U	5.6 U	6.0 U	6.0 U	5.6 U	5.4 U	6.2 U	7.4 U	6.6 U	6.5 U
2-Nitroaniline	NS	60 U	56 U	57 U	58 U	60 U	60 U	58 U	59 U	56 U	57 U	56 U	58 U	61 U	62 U	59 U	59 U	63 U	63 U	59 U	56 U	64 U	77 U	69 U	68 U
2-Nitrophenol	NS	8.6 U	7.9 U	8.1 U	8.3 U	8.5 U	8.6 U	8.2 U	8.4 U	8 U	8.1 U	8 U	8.3 U	8.6 U	8.8 U	8.4 U	8.4 U	8.9 U	8.9 U	8.4 U	8.0 U	9.2 U	11 U	9.8 U	9.7 U
3,3'-Dichlorobenzidine	NS	170 U	150 U	160 U	160 U	160 U	160 U	160 U	160 U	150 U	160 U	150 U	160 U	170 U	170 U	160 U	160 U	170 U	170 U	160 U	150 U	180 U	210 U	190 U	190 U
3-Nitroaniline	NS	43 U	40 U	41 U	42 U	43 U	43 U	41 U	42 U	40 U	41 U	40 U	42 U	44 U	44 U	42 U	42 U	45 U	45 U	42 U	40 U	46 U	55 U	49 U	49 U
4,6-Dinitro-o-cresol[f]	100,000[a]	65 U	60 U	61 U	63 U	64 U	65 U	62 U	64 U	61 U	61 U	61 U	62 U	65 U	66 U	63 U	63 U	68 U	68 U	63 U	60 U	69 U	83 U	74 U	73 U
4-Bromophenyl phenyl ether	NS	60 U	55 U	56 U	58 U	59 U	60 U	57 U	59 U	56 U	56 U	56 U	58 U	60 U	61 U	58 U	58 U	62 U	62 U	58 U	56 U	64 U	76 U	68 U	67 U
4-Chloro-3-methylphenol	NS	7.8 U	7.1 U	7.3 U	7.5 U	7.7 U	7.7 U	7.4 U	7.6 U	7.2 U	7.3 U	7.2 U	7.4 U	7.8 U	7.9 U	7.5 U	7.5 U	8.0 U	8.0 U	7.6 U	7.2 U	8.2 U	9.9 U	8.8 U	8.7 U
4-Chloroaniline	NS	55 U	51 U	52 U	53 U	55 U	55 U	53 U	54 U	52 U	52 U	52 U	53 U	56 U	56 U	54 U	54 U	57 U	57 U	54 U	51 U	59 U	71 U	63 U	62 U
4-Chlorophenyl phenyl ether	NS	4 U	3.7 U	3.8 U	3.9 U	4 U	4 U	3.8 U	3.9 U	3.7 U	3.8 U	3.7 U	3.9 U	4.0 U	4.1 U	3.9 U	3.9 U	4.2 U	4.2 U	3.9 U	3.7 U	4.3 U	5.1 U	4.6 U	4.5 U
4-Methylphenol	NS	10 U	9.7 U	9.9 U	10 U	10 U	10 U	10 U	10 U	9.8 U	9.8 U	9.8 U	10 U	11 U	11 U	10 U	10 U	11 U	11 U	10 U	9.7 U	11 U	13 U	12 U	12 U
4-Nitroaniline	NS	21 U	19 U	20 U	20 U	21 U	21 U	20 U	21 U	20 U	20 U	20 U	20 U	21 U	21 U	20 U	20 U	22 U	22 U	21 U	20 U	22 U	27 U	24 U	24 U
4-Nitrophenol	NS	46 U	42 U	43 U	44 U	45 U	45 U	43 U	45 U	43 U	43 U	43 U	44 U	46 U	47 U	44 U	44 U	47 U	47 U	44 U	42 U	49 U	58 U	52 U	51 U
Acenaphthene	100,000[a]	2.2 U	2 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.3 U	2.2 U	2.1 U	2.3 U	2.3 U	2.2 U	2.1 U	2.4 U	2.8 U	2.5 U	2.5 U
Acenaphthylene[c]	100,000[a]	1.5 U	1.4 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.6 U	1.6 U	1.5 U	1.4 U	1.6 U	2.0 U	1.8 U	1.7 U
Acetophenone	NS	9.7 U	8.9 U	9.1 U	9.3 U	9.6 U	9.6 U	9.2 U	9.4 U	9 U	9.1 U	9 U	9.3 U	9.7 U	9.9 U	9.4 U	9.4 U	10 U	10 U	9.4 U	9.0 U	10 U	12 U	11 U	11 U
Anthracene[c]	100,000[a]	4.8 U	4.4 U	4.5 U	4.7 U	4.8 U	4.8 U	4.6 U	4.7 U	4.5 U	4.5 U	4.5 U	4.6 U	4.8 U	4.9 U	4.7 U	4.7 U	5.0 U	5.0 U	4.7 U	4.5 U	5.1 U	6.2 U	5.5 U	5.4 U
Atrazine	NS	8.4 U	7.7 U	7.9 U	8.1 U	8.3 U	8.3 U	8 U	8.2 U	7.8 U	7.9 U	7.8 U	8 U	8.4 U	8.6 U	8.2 U	8.1 U	8.7 U	8.7 U	8.2 U	7.8 U	8.9 U	11 U	9.5 U	9.4 U
Benzaldehyde	NS	21 U	19 U	19 U	20 U	20 U	21 U	20 UJ	20 U	19 U	19 U	19 U	20 U	21 U	21 U	20 U	20 U	21 U	21 U	R	19 U	22 U	26 U	24 U	23 U
Benzo(a)anthracene[c]	1,000[c]	31 J	3 U	3.1 U	3.1 U	3.2 U	3.2 U	3.1 U	3.2 U	3 U	3.1 U	3 U	3.1 U	3.3 U	3.3 U	3.2 U	3.2 U	3.4 U	3.4 U	3.2 U	3.0 U	3.5 U	4.1 U	3.7 U	3.7 U
Benzo(a)pyrene	1,000[c]	4.5 U	4.2 U	4.3 U	4.4 U	4.5 U	4.5 U	4.3 U	4.4 U	4.2 U	4.3 U	4.2 U	4.4 U	4.6 U	4.6 U	120 J	4.4 U	4.7 U	4.7 U	4.4 U	4.2 U	4.8 U	5.8 U	5.2 U	5.1 U
Benzo(b)fluoranthene[c]	1,000[c]	54 J	3.4 U	3.4 U	3.5 U	3.6 U	3.6 U	3.5 U	3.6 U	3.4 U	3.4 U	3.4 U	3.5 U	3.7 U	3.7 U	3.6 U	3.5 U	3.8 U	3.8 U	3.6 U	3.4 U	3.9 U	4.7 U	4.2 U	4.1 U
Benzo(ghi)perylene[c]	100,000[a]	2.3 U	2.1 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.1 U	2.4 U	2.9 U	2.6 U	2.5 U
Benzo(k)fluoranthene[c]	3,900	2.1 U	1.9 U	1.9 U	2 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	2.1 U	2.1 U	2.0 U	2.0 U	2.2 U	2.2 U	2.0 U	1.9 U	2.2 U	2.6 U	2.4 U	2.3 U
Biphenyl	NS	12 U	11 U	11 U	11 U	12 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	12 U	12 U	11 U	11 U	12 U	12 U	11 U	11 U	12 U	15 U	13 U	13 U
Bis(2-chloroisopropyl)ether	NS	20 U	18 U	19 U	19 U	19 U	20 U	19 U	19 U	18 U	18 U	18 U	19 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U	18 U	21 U	25 U	22 U	22 U
Bis(2-chloroethoxy)methane	NS	10 U	9.4 U	9.6 U	9.9 U	10 U	10 U	9.8 U	10 U	9.6 U	9.6 U	9.6 U	9.8 U	10 U	10 U	10 U	9.9 U	11 U	11 U	10 U	9.5 U	11 U	13 U	12 U	12 U
Bis(2-chloroethyl)ether	NS	16 U	15 U	15 U	16 U	16 U	16 U	15 U	16 U	15 U	15 U	15 U	16 U	16 U	17 U	16 U	16 U	17 U	17 U	16 U	15 U	17 U	21 U	19 U	18 U
Bis(2-Ethylhexyl)phthalate	NS	61 U	56 U	57 U	59 U	60 U	60 U	58 U	59 U	57 U	57 U	57 U	58 U	61 U	62 U	59 U	59 U	63 U	63 U	59 U	56 U	65 U	77 UJ	69 U	68 U
Butyl benzyl phthalate	NS	51 U	47 U	48 U	49 U	50 U	50 U	48 U	49 U	47 U	47 U	47 U	49 U	51 U	52 U	49 U	49 U	53 U	53 U	49 U	47 U	54 U	65 UJ	58 U	57 U
Caprolactum	NS	82 U	75 U	77 U	79 U	81 U	81 U	78 U	80 U	76 U	77 U	76 U	78 U	82 U	83 U	79 U	79 U	85 U	85 U	79 U	76 U	87 U	100 U	93 U	92 U
Carbazole	NS	2.2 U	2 U	2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2 U	2 U	2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.3 U	2.1 U	2.0 U	2.3 U	2.8 U	2.5 U	2.5 U
Chrysene[c]	3,900	45 J	1.7 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	8.7 J	2.0 U	2.0 U	1.8 U	1.7 U	2.0 U	2.4 U	2.1 U	2.1 U
Dibenzo(a,h)anthracene[c]	330[e]	2.2 U	2 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.3 U	2.2 U	2.1 U	2.3 U	2.3 U	2.2 U	2.1 U	2.4 U	2.8 U	2.5 U	2.5 U
Dibenzofuran[c]	59,000	2 U	1.8 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	2.1 U	2.5 U	2.2 U	2.2 U
Diethyl phthalate	NS	5.7 U	5.2 U	5.4 U	5.5 U	5.6 U	5.7 U	5.4 U	5.6 U	5.3 U	5.3 U	5.3 U	5.5 U	5.7 U	5.8 U	5.5 U	5.5 U	5.9 U	5.9 U	5.5 U	5.3 U	6.1 U	7.3 U	6.5 U	6.4 U
Dimethyl phthalate	NS	4.9 U	4.5 U	4.6 U	4.8 U	4.9 U	4.9 U	4.7 U	4.8 U	4.6 U	4.6 U	4.6 U	4.7 U	4.9 U	5.0 U	4.8 U	4.8 U	5.1 U	5.1 U	4.8 U	4.6 U	5.2 U	6.3 U	5.6 U	5.5 U
Di-n-butylphthalate	NS	65 U	60 U	61 U	63 U	64 U	65 U	62 U	64 U	61 U	61 U	61 U	63 U	65 U	67 U	63 U	63 U	68 U	68 U	63 U	60 U	69 U	83 UJ	74 U	73 U
Di-n-octylphthalate	NS	4.4 U	4.1 U	4.1 U	4.3 U	4.4 U	4.4 U	4.2 U	4.3 U	4.1 U	4.1 U	4.1 U	4.2 U	4.4 U	4.5 U	4.3 U	4.3 U	4.6 U	4.6 U	4.3 U	4.1 U	4.7 U	5.6 UJ	5.0 U	5.0 U
Fluoranthene[c]	100,000[a]	45 J	2.5 U	2.6 U	2.6 U	2.7 U	2.7 U	2.6 U	2.7 U	2.5 U	2.6 U	2.5 U	2.6 U	2.7 U	2.8 U	2.7 U	2.6 U	2.8 U	2.8 U	2.7 U	2.5 U	2.9 U	3.5 U	3.1 U	3.1 U
Fluorene	100,000[a]	4.3 U	4 U	4.1 U	4.2 U	4.3 U	4.3 U	4.1 U	4.2 U	4 U	4.1 U	4.1 U	4.2 U	4.4 U	4.4 U	4.2 U	4.2 U	4.5 U	4.5 U	4.2 U	4.0 U	4.6 U	5.5 U	4.9 U	4.9 U
Hexachlorobenzene	1,200	9.4 U	8.6 U	8.8 U	9.1 U	9.3 U	9.3 U	8.9 U	9.1 U	8.7 U	8.8 U	8.7 U	9 U	9.4 U	9.6 U	9.1 U	9.1 U	9.7 U	9.7 U	9.1 U	8.7 U	10 U	12 U	11 U	11 U
Hexachlorobutadiene	NS	9.6 U	8.9 U	9.1 U	9.3 U	9.5 U	9.6 U	9.2 U	9.4 U	9 U	9 U	9 U	9.3 U	9.7 U	9.8 U	9.4 U	9.3 U	10 U	10 U	9.4 U	8.9 U	10 U	12 U	11 U	11 U
Hexachlorocyclopentadiene	NS	57 U	53 U	54 U	55 U	56 U	57 U	54 U	56 U	53 U	53 U	53 U	55 U	57 U	58 U	55 U	55 U	59 U	59 U	55 U	53 U	61 U	73 U	65 U	64 U
Hexachloroethane	NS	15 U	13 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	15 U	15 U	14 U	14 U	15 U	15 U	14 U	14 U	16 U	19 U	17 U	16 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	20 J	4.8 U	4.9 U	5 U	5.2 U	5.2 U	5 U	5.1 U	4.9 U	4.9 U	4.9 U	5 U	5.2 U	5.3 U	5.1 U	5.1 U	5.4 U	5.4 U	5.1 U	4.8 U	5.5 U	6.6 U	5.9 U	5.9 U
Isophorone	NS	9.4 U	8.7 U	8.9 U	9.1 U	9.3 U	9.4 U	9 U	9.2 U	8.8 U	8.8 U	8.8 U	9 U	9.5 U	9.6 U	9.2 U	9.1 U	9.8 U	9.8 U	9.2 U	8.7 U	10 U	12 U	11 U	11 U
Naphthalene[c]	100,000[a]	3.1 U	2.9 U	2.9 U	3 U	3.1 U	3.1 U	3 U	3.1 U	2.9 U	2.9 U	2.9 U	3 U	3.1 U	3.2 U	3.1 U	3.0 U	3.3 U	3.3 U	3.1 U	2.9 U	3.3 U	4.0 U	3.6 U	3.5 U
Nitrobenzene	NS	8.4 U	7.7 U	7.9 U	8.1 U	8.3 U	8.3 U	7.9 U	8.2 U	7.8 U	7.8 U	7.8 U	8 U	8.4 U	8.5 U	8.1 U	8.1 U	8.7 U	8.7 U	8.1 U	7.7 U	8.9 U	11 U	9.5 U	9.4 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	14 U	14 U	15 U	15 U	14 U	15 U	14 U	14 U	14 U	14 U	15 U	15 U	15 U	14 U	15 U	15 U	15 U	14 U	16 U	19 U	17 U	17 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	9.5 U	9.7 U	10 U	10 U	10 U	9.8 U	10 U	9.6 U	9.7 U	9.6 U	9.9 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	9.6 U	11 U	13 U	12 U	12 U
Pentachlorophenol	6,700	65 U	60 U	61 U	62 U	64 U	64 U	61 U	63 U	60 U	61 U	60 U	62 U	65 U	66 U	63 U	63 U	67 U	67 U	63 U	60 U	69 U	82 U	73 U	73 U
Phenanthrene[c]	100,000[a]	25 J	3.6 U	3.7 U	3.8 U	3.9 U	3.9 U	3.8 U	3.9 U	3.7 U	3.7 U	3.7 U	3.8 U	4.0 U	4.0 U	3.8 U	3.8 U	4.1 U	4.1 U	3.9 U	3.7 U	4.2 U	5.0 U	4.5 U	4.4 U
Phenol	100,000[a]	20 U	18 U	19 U	19 U	20 U	20 U	19 U	19 U	18 U	19 U	19 U	19 U	20 U	20 U	19 U	19 U	21 U	21 U	19 U	18 U	21 U	25 U	23 U	22 U
Pyrene[c]	100,000[a]	65 J	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U	1.1 U	1.3 U	1.6 U	1.4 U	1.4 U
Total SVOCs		285	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	8.7	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-G-006			LT-G-007			LT-G-008			LT-G-009			LT-G-010			LT-G-013			LT-G-014			LT-G-015		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-54003-1	480-54003-2	480-54003-3	480-54003-5	480-54003-6	480-54003-7	480-54003-11	480-54003-12	480-54003-13	480-54003-14	480-54003-15	480-54003-16	480-54003-17	480-54003-18	480-54003-19	480-54064-1	480-54064-2	480-54064-3	480-54064-4	480-54064-5	480-54064-6	480-54064-8	480-54064-9	480-54064-10
Sampling Date:	Use	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/30/2014	1/30/2014	1/30/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	42 U	40 U	42 U	41 U	43 U	41 U	42 U	40 U	40 U	41 U	40 U	41 U	45 U	43 U	41 U	39 U	39 U	41 U	39 U	40 U	39 U	39 U	40 U	39 U
2,4,6-Trichlorophenol	NS	13 U	12 U	13 U	13 U	13 U	13 U	13 U	12 U	12 U	12 U	12 U	13 U	13 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
2,4-Dichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.3 U	9.5 U	9.8 U	9.4 U	9.5 U	9.3 U	9.4 U	9.6 U	9.4 U
2,4-Dimethylphenol	NS	52 U	50 U	52 U	51 U	53 U	51 U	51 U	49 U	50 U	51 U	49 U	51 U	55 U	53 U	51 U	48 U	49 U	51 U	48 U	49 U	48 U	48 U	50 U	48 U
2,4-Dinitrophenol	NS	67 U	65 U	67 U	66 U	69 U	67 U	67 U	64 U	64 U	66 U	64 U	66 U	71 U	69 U	65 U	62 U	63 U	66 U	63 U	63 U	62 U	63 U	64 U	62 U
2,4-Dinitrotoluene	NS	30 U	29 U	30 U	29 U	31 U	29 U	29 U	28 U	28 U	29 U	28 U	29 U	32 U	31 U	29 U	27 U	28 U	29 U	28 U	28 U	28 U	28 U	28 U	28 U
2,6-Dinitrotoluene	NS	47 U	45 U	47 U	46 U	48 U	47 U	47 U	45 U	45 U	46 U	45 U	46 U	50 U	48 U	46 U	43 U	44 U	46 U	44 U	44 U	44 U	44 U	45 U	44 U
2-Chloronaphthalene	NS	13 U	12 U	13 U	13 U	13 U	13 U	13 U	12 U	12 U	13 U	12 U	13 U	14 U	13 U	13 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U
2-Chlorophenol	NS	9.8 U	9.4 U	9.8 U	9.7 U	10.0 U	9.7 U	9.7 U	9.3 U	9.4 U	9.6 U	9.3 U	9.7 U	10.0 U	10.0 U	9.5 U	9.0 U	9.2 U	9.5 U	9.1 U	9.2 U	9.1 U	9.1 U	9.4 U	9.1 U
2-Methylnaphthalene	NS	2.3 U	2.2 U	2.3 U	2.3 U	2.4 U	2.3 U	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.5 U	2.4 U	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
2-Methylphenol	NS	5.9 U	5.7 U	5.9 U	5.8 U	6.1 U	5.8 U	5.9 U	5.6 U	5.6 U	5.8 U	5.6 U	5.8 U	6.3 U	6.1 U	5.8 U	5.5 U	5.6 U	5.8 U	5.5 U	5.6 U	5.5 U	5.5 U	5.7 U	5.5 U
2-Nitroaniline	NS	62 U	59 U	62 U	61 U	63 U	61 U	61 U	59 U	59 U	60 U	59 U	61 U	65 U	63 U	60 U	57 U	58 U	60 U	57 U	58 U	57 U	57 U	59 U	57 U
2-Nitrophenol	NS	8.8 U	8.4 U	8.8 U	8.7 U	9.0 U	8.7 U	8.7 U	8.4 U	8.4 U	8.6 U	8.4 U	8.7 U	9.3 U	9.0 U	8.5 U	8.1 U	8.3 U	8.6 U	8.2 U	8.3 U	8.1 U	8.2 U	8.4 U	8.2 U
3,3'-Dichlorobenzidine	NS	170 U	160 U	170 U	170 U	170 U	170 U	170 U	160 U	160 U	170 U	160 U	170 U	180 U	170 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U
3-Nitroaniline	NS	44 U	42 U	44 U	44 U	45 U	44 U	44 U	42 U	42 U	43 U	42 U	44 U	47 U	45 U	43 U	41 U	42 U	43 U	41 U	42 U	41 U	41 U	42 U	41 U
4,6-Dinitro-o-cresol[c]	100,000[a]	67 U	64 U	67 U	66 U	68 U	66 U	66 U	63 U	63 U	65 U	63 U	65 U	70 U	68 U	65 U	61 U	62 U	65 U	62 U	63 U	62 U	62 U	64 U	62 U
4-Bromophenyl phenyl ether	NS	61 U	59 U	61 U	60 U	63 U	61 U	61 U	58 U	58 U	60 U	58 U	60 U	65 U	63 U	59 U	56 U	58 U	60 U	57 U	58 U	57 U	57 U	59 U	57 U
4-Chloro-3-methylphenol	NS	7.9 U	7.6 U	7.9 U	7.8 U	8.1 U	7.8 U	7.8 U	7.5 U	7.6 U	7.8 U	7.5 U	7.8 U	8.4 U	8.1 U	7.7 U	7.3 U	7.4 U	7.7 U	7.4 U	7.5 U	7.3 U	7.4 U	7.6 U	7.3 U
4-Chloroaniline	NS	57 U	54 U	57 U	56 U	58 U	56 U	56 U	54 U	54 U	55 U	54 U	56 U	60 U	58 U	55 U	52 U	53 U	55 U	52 U	53 U	52 U	53 U	54 U	52 U
4-Chlorophenyl phenyl ether	NS	4.1 U	3.9 U	4.1 U	4.1 U	4.2 U	4.1 U	4.1 U	3.9 U	3.9 U	4.0 U	3.9 U	4.0 U	4.4 U	4.2 U	4.0 U	3.8 U	3.9 U	4.0 U	3.8 U	3.9 U	3.8 U	3.8 U	3.9 U	3.8 U
4-Methylphenol	NS	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U	10 U	9.9 U	10 U	10 U	10 U	10 U	9.9 U	10 U	10 U	9.9 U
4-Nitroaniline	NS	22 U	21 U	22 U	21 U	22 U	21 U	21 U	20 U	21 U	21 U	20 U	21 U	23 U	22 U	21 U	20 U	20 U	21 U	20 U	20 U	20 U	20 U	21 U	20 U
4-Nitrophenol	NS	47 U	45 U	47 U	46 U	48 U	46 U	46 U	44 U	45 U	46 U	44 U	46 U	49 U	48 U	45 U	43 U	44 U	45 U	43 U	44 U	43 U	43 U	45 U	43 U
Acenaphthene	100,000[a]	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.4 U	2.3 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U
Acenaphthylene[c]	100,000[a]	1.6 U	1.5 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Acetophenone	NS	9.9 U	9.5 U	9.9 U	9.8 U	10.0 U	9.8 U	9.8 U	9.4 U	9.4 U	9.7 U	9.4 U	9.7 U	10.0 U	10.0 U	9.6 U	9.1 U	9.3 U	9.6 U	9.2 U	9.3 U	9.1 U	9.2 U	9.4 U	9.2 U
Anthracene[c]	100,000[a]	4.9 U	4.7 U	4.9 U	4.9 U	5.1 U	4.9 U	4.9 U	4.7 U	4.7 U	4.8 U	4.7 U	4.9 U	5.2 U	5.1 U	4.8 U	4.5 U	4.6 U	4.8 U	4.6 U	4.6 U	4.6 U	4.6 U	4.7 U	4.6 U
Atrazine	NS	8.6 U	8.2 U	8.6 U	8.5 U	8.8 U	8.5 U	8.5 U	8.1 U	8.2 U	8.4 U	8.1 U	8.4 U	9.1 U	8.8 U	8.3 U	7.9 U	8.0 U	8.3 U	8.0 U	8.1 U	7.9 U	8.0 U	8.2 U	7.9 U
Benzaldehyde	NS	21 U	20 U	21 U	21 U	22 U	21 U	21 U	20 U	20 U	21 U	20 U	21 U	22 U	22 U	21 U	19 U	20 U	21 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzo(a)anthracene[c]	1,000[c]	3.3 U	3.2 U	3.3 U	3.3 U	3.4 U	3.3 U	3.3 U	3.2 U	3.2 U	3.3 U	3.2 U	3.3 U	3.5 J	3.4 U	3.2 U	3.1 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	3.1 U	3.2 U	3.1 U
Benzo(a)pyrene	1,000[f]	4.6 U	4.5 U	4.6 U	4.6 U	4.8 U	4.6 U	4.6 U	4.4 U	4.4 U	4.5 U	4.4 U	4.6 U	4.9 U	4.8 U	4.5 U	4.3 U	4.4 U	4.5 U	4.3 U	4.4 U	4.3 U	4.3 U	4.4 U	4.3 U
Benzo(b)fluoranthene[c]	1,000[c]	3.7 U	3.6 U	3.7 U	3.7 U	3.8 U	3.7 U	3.7 U	3.5 U	3.6 U	3.7 U	3.6 U	3.7 U	4.0 U	3.8 U	3.6 U	3.4 U	3.5 U	3.6 U	3.5 U	3.5 U	3.5 U	3.5 U	3.6 U	3.5 U
Benzo(ghi)perylene[f]	100,000[a]	2.3 U	2.2 U	2.3 U	2.3 U	2.4 U	2.3 U	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.4 U	2.4 U	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U
Benzo(k)fluoranthene[c]	3,900	2.1 U	2.0 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.0 U	2.1 U	2.2 U	2.2 U	2.1 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Biphenyl	NS	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	12 U	11 U	12 U	13 U	12 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U
Bis(2-chloroisopropyl)ether	NS	20 U	19 U	20 U	20 UJ	21 U	20 U	20 U	19 U	19 U	20 U	19 U	20 U	21 U	21 U	20 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	19 U	19 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	9.7 U	9.8 U	10 U	9.7 U	9.9 U	9.7 U	9.7 U	10 U	9.7 U
Bis(2-chloroethyl)ether	NS	17 U	16 U	17 U	16 U	17 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U	18 U	17 U	16 U	15 U	16 U	16 U	15 U	16 U	15 U	15 U	16 U	15 U
Bis(2-Ethylhexyl)phthalate	NS	62 U	60 U	62 U	61 U	64 U	61 U	61 U	59 U	59 U	61 U	59 UJ	61 U	66 U	64 U	60 U	57 U	58 U	60 U	58 U	58 U	57 U	760	59 U	58 U
Butyl benzyl phthalate	NS	52 U	50 U	52 U	51 U	53 U	51 U	51 U	49 U	49 U	51 U	49 U	51 U	55 U	53 U	50 U	48 U	49 U	50 U	48 U	49 U	48 U	48 U	49 U	48 U
Caprolactum	NS	83 U	80 U	83 U	82 U	86 U	82 U	82 U	79 U	79 U	82 U	79 U	82 U	88 U	85 U	81 U	77 U	78 U	81 U	77 U	78 U	77 U	77 U	80 U	77 U
Carbazole	NS	2.2 U	2.1 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.2 U	2.4 U	2.3 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Chrysene[c]	3,900	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	2.0 J	2.0 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene[c]	330[e]	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.4 U	2.3 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U
Dibenzofuran[c]	59,000	2.0 U	1.9 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.1 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethyl phthalate	NS	5.8 U	5.6 U	5.8 U	5.7 U	6.0 U	5.7 U	5.8 U	5.5 U	5.5 U	5.7 U	5.5 U	5.7 U	6.2 U	6.0 U	5.6 U	5.4 U	5.5 U	5.7 U	5.4 U	5.5 U	5.4 U	5.4 U	5.6 U	5.4 U
Dimethyl phthalate	NS	5.0 U	4.8 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	4.8 U	4.9 U	4.8 U	4.9 U	5.3 U	5.1 U	4.9 U	4.6 U	4.7 U	4.9 U	4.7 U	4.7 U	4.7 U	4.7 U	4.8 U	4.7 U
Di-n-butylphthalate	NS	67 U	64 U	67 U	66 U	68 U	66 U	66 U	63 U	63 U	65 U	63 U	66 U	71 U	68 U	65 U	61 U	63 U	65 U	62 U	63 U	62 U	62 U	64 U	62 U
Di-n-octylphthalate	NS	4.5 U	4.3 U	4.5 U	4.4 U	4.6 U	4.4 U	4.5 U	4.3 U	4.3 U	4.4 U	4.3 U	4.4 U	4.8 U	4.6 U	4.4 U	4.2 U	4.2 U	4.4 U	4.2 U	4.2 U	4.2 U	4.2 U	4.3 U	4.2 U
Fluoranthene[c]	100,000[a]	2.8 U	2.7 U	2.8 U	2.8 U	2.9 U	2.8 U	2.8 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	3.0 U	2.9 U	2.7 U	2.6 U	2.6 U	2.7 U	2.6 U	2.6 U	2.6 U	2.6 U	2.7 U	2.6 U
Fluorene	100,000[a]	4.4 U	4.3 U	4.4 U	4.4 U	4.6 U	4.4 U	4.4 U	4.2 U	4.2 U	4.3 U	4.2 U	4.4 U	4.7 U	4.5 U	4.3 U	4.1 U	4.2 U	4.3 U	4.1 U	4.2 U	4.1 U	4.1 U	4.2 U	4.1 U
Hexachlorobenzene	1,200	9.6 U	9.2 U	9.6 U	9.4 U	9.8 U	9.4 U	9.5 U	9.1 U	9.1 U	9.4 U	9.1 U	9.4 U	10.0 U	9.8 U	9.3 U	8.8 U	9.0 U	9.3 U	8.9 U	9.0 U	8.9 U	8.9 U	9.1 U	8.9 U
Hexachlorobutadiene	NS	9.9 U	9.5 U	9.9 U	9.7 U	10.0 U	9.7 U	9.7 U	9.4 U	9.4 U	9.6 U	9.4 U	9.7 U	10.0 U	10.0 U	9.6 U	9.1 U	9.3 U	9.6 U	9.1 U	9.3 U	9.1 U	9.2 U	9.4 U	9.1 U
Hexachlorocyclopentadiene	NS	58 U	56 U	58 U	57 UJ	60 U	58 U	58 U	55 U	56 U	57 U	55 U	57 U	62 U	60 U	57 U	54 U	55 U	57 U	54 U	55 U	54 U	54 U	56 U	54 U
Hexachloroethane	NS	15 U	14 U	15 U	15 U	15 U	15 U	15 U	14 U	14 U	15 U	14 U	15 U	16 U	15 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.3 U	5.1 U	5.3 U	5.3 U	5.5 U	5.3 U	5.3 U	5.1 U	5.1 U	5.2 U	5.1 U	5.2 U	5.6 U	5.5 U	5.2 U	4.9 U	5.0 U	5.2 U	4.9 U	5.0 U	4.9 U	4.9 U	5.1 U	4.9 U
Isophorone	NS	9.6 U	9.2 U	9.6 U	9.5 U	9.9 U	9.5 U	9.5 U	9.1 U	9.2 U	9.4 U	9.2 U	9.5 U	10.0 U	9.9 U	9.3 U	8.9 U	9.0 U	9.4 U	8.9 U	9.1 U	8.9 U	8.9 U	9.2 U	8.9 U
Naphthalene[c]	100,000[a]	3.2 U	3.1 U	3.2 U	3.2 U	3.3 U	3.2 U	3.2 U	3.0 U	3.1 U	3.1 U	3.0 U	3.2 U	3.4 U	3.3 U	3.1 U	3.0 U	3.0 U	3.1 U	3.0 U	3.0 U	3.0 U	3.0 U	3.1 U	3.0 U
Nitrobenzene	NS	8.5 U	8.2 U	8.5 U	8.4 U	8.8 U	8.4 U	8.4 U	8.1 U	8.1 U	8.4 U	8.1 U	8.4 U	9.0 U	8.7 U	8.3 U	7.9 U	8.0 U	8.3 U	7.9 U	8.0 U	7.9 U	7.9 U	8.2 U	7.9 U
n-Nitrosodi-n-propylamine	NS	15 U	15 U	15 U	15 U	16 U	15 U	15 U	14 U	15 U	15 U	15 U	15 U	16 U	16 U	15 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	15 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	11 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	9.7 U	9.9 U	10 U	9.8 U	9.9 U	9.7 U	9.8 U	10 U	9.8 U
Pentachlorophenol	6,700	66 U	63 U	66 U	65 U	68 U	65 U	65 U	63 U	63 U	65 U	63 U	65 U	70 U	68 U	64 U	61 U	62 U	64 U	61 U	62 U	61 U	61 U	63 U	61 U
Phenanthrene[c]	100,000[a]	4.0 U	3.9 U	4.0 U	4.0 U	4.1 U	4.0 U	4.0 U	3.8 U	3.9 U	4.0 U	3.8 U	4.0 U	4.3 U	4.1 U	3.9 U	3.7 U	3.8 U	3.9 U	3.8 U	3.8 U	3.7 U	3.8 U	3.9 U	3.7 U
Phenol	100,000[a]	20 U	19 U	20 U	20 U	21 U	20 U	20 U	19 U	19 U	20 U	19 U	20 U	21 U	21 U	20 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	19 U	19 U
Pyrene[c]	100,000[a]	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 J	1.3 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total SVOCs		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	760	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-G-016			LT-G-017			LT-G-018			LT-G-019			LT-G-020			LT-G-021			LT-G-022			LT-G-023		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54064-11	480-54064-12	480-54064-13	480-54064-14	480-54064-15	480-54064-16	480-54064-17	480-54064-18	480-54064-19	480-54381-28	480-54381-29	480-54381-30	480-54381-34	480-54381-35	480-54381-36	480-54421-20	480-54421-21	480-54421-22	480-54421-16	480-54421-17	480-54421-18	480-54421-2	480-54421-3	480-54421-4
Sampling Date:	Use	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/6/2014	2/6/2014	2/6/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	40 U	40 U	40 U	38 U	40 U	41 U	40 U	39 U	39 U	39 U	38 U	39 U	39 U	37 U	37 U	39 U	42 U	40 U	41 U	42 U	42 U	41 U	52 U	58 U
2,4,6-Trichlorophenol	NS	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	11 U	12 U	13 U	12 U	12 U	13 U	13 U	13 U	16 U	18 U
2,4-Dichlorophenol	NS	9.6 U	9.6 U	9.5 U	9.2 U	9.7 U	9.8 U	9.6 U	9.4 U	9.3 U	9.4 U	9.1 U	9.4 U	9.4 U	8.8 U	8.9 U	9.4 U	10 U	9.6 U	9.8 U	10 U	10 U	9.9 U	12 U	14 U
2,4-Dimethylphenol	NS	50 U	49 U	49 U	48 U	50 U	50 U	49 U	49 U	48 U	48 U	47 U	48 U	48 U	46 U	46 U	48 U	53 U	49 U	51 U	52 U	51 U	51 U	64 U	72 U
2,4-Dinitrophenol	NS	64 U	64 U	64 U	62 U	65 U	65 U	64 U	63 U	62 U	63 U	61 U	62 U	63 U	59 U	59 U	63 U	68 U	64 U	66 U	67 U	67 U	66 U	83 U	94 U
2,4-Dinitrotoluene	NS	28 U	28 U	28 U	27 U	29 U	29 U	28 U	28 U	27 U	28 U	27 U	28 U	28 U	26 U	26 U	28 U	30 U	28 U	29 U	30 U	29 U	29 U	37 U	42 U
2,6-Dinitrotoluene	NS	45 U	45 U	45 U	43 U	45 U	46 U	45 U	44 U	43 U	44 U	42 U	44 U	44 U	41 U	41 U	44 U	48 U	45 U	46 U	47 U	47 U	46 U	58 U	66 U
2-Chloronaphthalene	NS	12 U	12 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	12 U	13 U	12 U	13 U	13 U	13 U	13 U	16 U	18 U
2-Chlorophenol	NS	9.3 U	9.3 U	9.3 U	9.0 U	9.4 U	9.5 U	9.3 U	9.2 U	9.0 U	9.1 U	8.8 U	9.1 U	9.1 U	8.6 U	8.6 U	9.1 U	9.9 U	9.3 U	9.5 U	9.8 U	9.7 U	9.7 U	12 U	14 U
2-Methylnaphthalene	NS	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.3 U	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.2 U	2.0 U	2.1 U	2.2 U	2.4 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.9 U	3.2 U
2-Methylphenol	NS	5.6 U	5.6 U	5.6 U	5.4 U	5.7 U	5.7 U	5.6 U	5.5 U	5.4 U	5.5 U	5.3 U	5.5 U	5.5 U	5.2 U	5.2 U	5.5 U	6.0 U	5.6 U	5.8 U	5.9 U	5.9 U	5.8 U	7.3 U	8.2 U
2-Nitroaniline	NS	59 U	59 U	58 U	56 U	59 U	60 U	59 U	58 U	57 U	57 U	56 U	57 U	57 U	54 U	54 U	58 U	62 U	59 U	60 U	62 U	61 U	61 U	76 U	86 U
2-Nitrophenol	NS	8.4 U	8.3 U	8.3 U	8.1 U	8.4 U	8.5 U	8.4 U	8.2 U	8.1 U	8.2 U	7.9 U	8.2 U	8.2 U	7.7 U	7.7 U	8.2 U	8.9 U	8.4 U	8.6 U	8.8 U	8.7 U	8.7 U	11 U	12 U
3,3'-Dichlorobenzidine	NS	160 U	160 U	160 U	150 U	160 U	160 U	160 U	160 U	150 U	160 U	150 U	160 U	160 U	150 U	150 U	160 U	170 U	160 U	160 U	170 U	170 U	170 U	210 U	240 U
3-Nitroaniline	NS	42 U	42 U	42 U	40 U	42 U	43 U	42 U	41 U	41 U	41 U	40 U	41 U	41 U	39 U	39 U	41 U	45 U	42 U	43 U	44 U	44 U	44 U	55 U	62 U
4,6-Dinitro-o-cresol[c]	100,000[a]	63 U	63 U	63 U	61 U	64 U	64 U	63 U	62 U	61 U	62 U	60 U	62 U	62 U	58 U	59 U	62 U	67 U	63 U	65 U	67 U	66 U	65 U	82 U	93 U
4-Bromophenyl phenyl ether	NS	58 U	58 U	58 U	56 U	59 U	59 U	58 U	57 U	56 U	57 U	55 U	57 U	57 U	54 U	54 U	57 U	62 U	58 U	60 U	61 U	61 U	60 U	75 U	85 U
4-Chloro-3-methylphenol	NS	7.6 U	7.5 U	7.5 U	7.2 U	7.6 U	7.7 U	7.5 U	7.4 U	7.3 U	7.4 U	7.1 U	7.3 U	7.4 U	6.9 U	7.0 U	7.4 U	8.0 U	7.5 U	7.7 U	7.9 U	7.8 U	7.8 U	9.8 U	11 U
4-Chloroaniline	NS	54 U	54 U	53 U	52 U	54 U	55 U	54 U	53 U	52 U	53 U	51 U	52 U	53 U	49 U	50 U	53 U	57 U	54 U	55 U	57 U	56 U	56 U	70 U	79 U
4-Chlorophenyl phenyl ether	NS	3.9 U	3.9 U	3.9 U	3.8 U	3.9 U	4.0 U	3.9 U	3.8 U	3.8 U	3.8 U	3.7 U	3.8 U	3.8 U	3.6 U	3.6 U	3.8 U	4.1 U	3.9 U	4.0 U	4.1 U	4.1 U	4.0 U	5.1 U	5.7 U
4-Methylphenol	NS	10 U	10 U	10 U	9.8 U	10 U	10 U	10 U	10 U	9.8 U	10 U	9.7 U	9.9 U	10 U	9.4 U	9.4 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U	13 U	15 U
4-Nitroaniline	NS	21 U	20 U	20 U	20 U	21 U	21 U	20 U	20 U	20 U	20 U	19 U	20 U	20 U	19 U	19 U	20 U	22 U	20 U	21 U	22 U	21 U	21 U	26 U	30 U
4-Nitrophenol	NS	45 U	44 U	44 U	43 U	45 U	45 U	44 U	44 U	43 U	43 U	42 U	43 U	43 U	41 U	41 U	43 U	47 U	44 U	45 U	47 U	46 U	46 U	57 U	65 U
Acenaphthene	100,000[a]	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	11 J	2.3 U	2.1 U	2.2 U	2.3 U	2.2 U	2.2 U	2.8 U	83 J
Acenaphthylene[c]	100,000[a]	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	43 J	1.4 U	1.5 U	1.5 U	81 J	1.4 U	1.5 U	1.6 U	1.5 U	1.5 U	1.6 U	1.6 U	1.6 U	1.9 U	2.2 U
Acetophenone	NS	9.4 U	9.4 U	9.3 U	9.0 U	9.5 U	9.6 U	9.4 U	9.2 U	9.1 U	9.2 U	8.9 U	9.2 U	9.2 U	8.6 U	8.7 U	9.2 U	10 U	9.4 U	9.6 U	9.9 U	9.8 U	9.7 U	12 U	14 U
Anthracene[c]	100,000[a]	4.7 U	4.7 U	4.7 U	4.5 U	4.7 U	4.8 U	4.7 U	4.6 U	4.5 U	25 J	4.4 U	4.6 U	4.6 U	42 J	4.3 U	39 J	5.0 U	4.7 U	4.8 U	4.9 U	4.9 U	4.9 U	6.1 U	92 J
Atrazine	NS	8.2 U	8.1 U	8.1 U	7.8 U	8.2 U	8.3 U	8.1 U	8.0 U	7.9 U	8.0 U	7.7 U	7.9 U	8.0 U	7.5 U	7.5 U	8.0 U	8.6 U	8.1 U	8.3 U	8.6 U	8.5 U	8.4 U	11 U	12 U
Benzaldehyde	NS	20 U	20 U	20 U	19 U	20 U	20 U	20 U	20 U	19 U	20 U	19 U	20 U	20 U	18 U	19 U	20 U	21 U	20 U	21 UJ	21 U	21 U	21 U	26 U	29 U
Benzo(a)anthracene[c]	1,000[c]	3.2 U	3.2 U	3.1 U	3.0 U	3.2 U	3.2 U	3.2 U	3.1 U	3.1 U	100 J	3.0 U	3.1 U	61 J	320	2.9 U	97 J	3.4 U	3.2 U	15 J	11 J	3.3 U	67 J	4.1 U	290
Benzo(a)pyrene	1,000[c]	4.4 U	4.4 U	4.4 U	4.2 U	4.5 U	4.5 U	4.4 U	4.3 U	4.3 U	150 J	19 J	4.3 U	68 J	350	4.1 U	91 J	4.7 U	4.4 U	13 J	7.1 J	4.6 U	75 J	5.7 U	280
Benzo(b)fluoranthene[c]	1,000[c]	3.6 U	3.5 U	3.5 U	3.4 U	3.6 U	3.6 U	3.6 U	3.5 U	3.4 U	180	32 J	3.5 U	100 J	490	3.3 U	100 J	30 J	3.5 U	20 J	10 J	3.7 U	140 J	4.6 U	410
Benzo(ghi)perylene[c]	100,000[a]	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	86 J	2.1 UJ	2.1 U	2.2 U	180	2.0 U	45 J	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.8 U	82 J
Benzo(k)fluoranthene[c]	3,900	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	80 J	1.9 UJ	2.0 U	40 J	180	1.9 U	42 J	2.1 U	2.0 U	7.8 J	7.2 J	2.1 U	52 J	2.6 U	170 J
Biphenyl	NS	11 U	11 U	11 U	11 U	12 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	12 U	11 U	12 U	12 U	12 U	12 U	15 U	17 U
Bis(2-chloroisopropyl)ether	NS	19 U	19 U	19 U	18 U	19 U	19 U	19 U	19 U	18 U	19 U	18 U	19 U	19 U	18 U	18 U	19 U	20 U	19 U	20 U	20 U	20 U	20 U	25 U	28 U
Bis(2-chloroethoxy)methane	NS	10 U	9.9 U	9.9 U	9.6 U	10 U	10 U	10 U	9.8 U	9.6 U	9.7 U	9.4 U	9.7 U	9.8 U	9.2 U	9.2 U	9.8 U	11 U	9.9 U	10 U	10 U	10 U	10 U	13 U	15 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	16 U	15 U	16 U	16 U	16 U	16 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	17 U	16 U	16 U	17 U	16 U	16 U	20 U	23 U
Bis(2-Ethylhexyl)phthalate	NS	59 U	59 U	68 J	57 U	60 U	60 U	59 U	58 U	57 U	84 J	56 UJ	57 U	77 J	54 U	55 UJ	180 U	63 U	59 U	60 U	62 U	61 U	120 J	76 U	86 U
Butyl benzyl phthalate	NS	49 U	49 U	49 U	47 U	50 U	50 U	49 U	48 U	47 U	48 U	47 UJ	48 U	48 U	45 U	46 UJ	48 U	52 U	49 U	50 U	52 U	51 U	51 U	64 U	72 U
Caprolactum	NS	79 U	79 U	79 U	76 U	80 U	81 U	79 U	78 U	76 U	78 U	75 U	77 U	78 U	73 U	73 U	78 U	84 U	79 U	81 U	83 U	82 U	82 U	100 U	120 U
Carbazole	NS	2.1 U	2.1 U	2.1 U	2.0 U	2.1 U	2.2 U	2.1 U	2.1 U	2.0 U	2.1 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.2 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.7 U	3.1 U
Chrysene[c]	3,900	1.8 U	1.8 U	1.8 U	11 J	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	120 J	21 J	20 J	65 J	400	1.7 U	100 J	23 J	1.8 U	14 J	1.9 U	1.9 U	82 J	2.4 U	350
Dibenzo(a,h)anthracene[c]	330[e]	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.2 U	2.1 U	2.1 U	25 J	2.0 UJ	2.1 U	2.1 U	2.0 U	2.0 U	14 J	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.8 U	3.2 U
Dibenzofuran[c]	59,000	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.5 U	2.8 U
Diethyl phthalate	NS	5.5 U	5.5 U	5.5 U	5.3 U	5.6 U	5.6 U	5.5 U	5.4 U	5.3 U	5.4 U	5.2 U	5.4 U	5.4 U	5.1 U	5.1 U	5.4 U	5.9 U	5.5 U	5.7 U	5.8 U	5.7 U	5.7 U	7.2 U	8.1 U
Dimethyl phthalate	NS	4.8 U	4.8 U	4.8 U	4.6 U	4.8 U	4.9 U	4.8 U	4.7 U	4.6 U	4.7 U	4.5 U	4.7 U	4.7 U	4.4 U	4.4 U	4.7 U	5.1 U	4.8 U	4.9 U	5.0 U	5.0 U	4.9 U	6.2 U	7.0 U
Di-n-butylphthalate	NS	63 U	63 U	63 U	61 U	64 U	64 U	63 U	62 U	61 U	62 U	60 U	62 U	62 U	58 U	59 U	62 U	67 U	63 U	65 U	67 U	66 U	66 U	82 U	93 U
Di-n-octylphthalate	NS	4.3 U	4.3 U	4.3 U	4.1 U	4.3 U	4.4 U	4.3 U	4.2 U	4.1 U	4.2 U	4.1 UJ	4.2 U	4.2 U	3.9 U	4.0 UJ	4.2 U	4.5 U	4.3 U	4.4 U	4.5 U	4.5 U	4.4 U	5.5 U	6.3 U
Fluoranthene[c]	100,000[a]	2.7 U	2.6 U	2.6 U	2.6 U	2.7 U	2.7 U	2.7 U	2.6 U	2.6 U	130 J	2.5 U	2.6 U	100 J	520	2.5 U	210	2.8 U	2.6 U	23 J	2.8 U	2.8 U	130 J	3.4 U	760
Fluorene	100,000[a]	4.2 U	4.2 U	4.2 U	4.1 U	4.3 U	4.3 U	4.2 U	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	3.9 U	3.9 U	4.1 U	4.5 U	4.2 U	4.3 U	4.4 U	4.4 U	4.4 U	5.5 U	6.2 U
Hexachlorobenzene	1,200	9.1 U	9.1 U	9.0 U	8.7 U	9.2 U	9.3 U	9.1 U	8.9 U	8.8 U	8.9 U	8.6 U	8.9 U	8.9 U	8.4 U	8.4 U	8.9 U	9.7 U	9.1 U	9.3 U	9.6 U	9.5 U	9.4 U	12 U	13 U
Hexachlorobutadiene	NS	9.4 U	9.3 U	9.3 U	9.0 U	9.5 U	9.5 U	9.4 U	9.2 U	9.0 U	9.2 U	8.9 U	9.1 U	9.2 U	8.6 U	8.7 U	9.2 U	9.9 U	9.4 U	9.6 U	9.9 U	9.7 U	9.7 U	12 U	14 U
Hexachlorocyclopentadiene	NS	56 U	55 U	55 U	53 U	56 U	56 U	55 U	54 U	53 U	54 U	53 U	54 U	54 U	51 U	51 U	54 U	59 U	55 U	57 U	58 U	58 U	57 U	72 U	81 U
Hexachloroethane	NS	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	13 U	14 U	14 U	13 U	13 U	14 U	15 U	14 U	15 U	15 U	15 U	15 U	18 U	21 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.1 U	5.0 U	5.0 U	4.9 U	5.1 U	5.2 U	5.1 U	5.0 U	4.9 U	65 J	4.8 UJ	4.9 U	5.0 U	150 J	4.7 U	40 J	5.4 U	5.1 U	5.2 U	5.3 U	5.3 U	5.2 U	6.6 U	77 J
Isophorone	NS	9.2 U	9.1 U	9.1 U	8.8 U	9.2 U	9.3 U	9.1 U	9.0 U	8.8 U	9.0 U	8.7 U	8.9 U	9.0 U	8.4 U	8.5 U	9.0 U	9.7 U	9.1 U	9.4 U	9.6 U	9.5 U	9.5 U	12 U	13 U
Naphthalene[c]	100,000[a]	3.1 U	3.0 U	3.0 U	2.9 U	3.1 U	3.1 U	3.0 U	3.0 U	2.9 U	3.0 U	2.9 U	3.0 U	3.0 U	2.8 U	2.8 U	3.0 U	3.2 U	3.0 U	3.1 U	3.2 U	3.2 U	3.2 U	3.9 U	4.5 U
Nitrobenzene	NS	8.1 U	8.1 U	8.1 U	7.8 U	8.2 U	8.3 U	8.1 U	8.0 U	7.8 U	7.9 U	7.7 U	7.9 U	7.9 U	7.5 U	7.5 U	7.9 U	8.6 U	8.1 U	8.3 U	8.5 U	8.4 U	8.4 U	11 U	12 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	14 U	14 U	15 U	15 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	13 U	13 U	14 U	15 U	14 U	15 U	15 U	15 U	15 U	19 U	21 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	10 U	9.6 U	10 U	10 U	10 U	9.8 U	9.7 U	9.8 U	9.5 U	9.8 U	9.8 U	9.2 U	9.3 U	9.8 U	11 U	10 U	10 U	11 U	10 U	10 U	13 U	15 U
Pentachlorophenol	6,700	63 U	63 U	62 U	60 U	63 U	64 U	63 U	62 U	61 U	61 U	60 U	61 U	61 U	58 U	58 U	61 U	67 U	63 U	64 U	66 U	65 U	65 U	81 U	92 U
Phenanthrene[c]	100,000[a]	3.9 U	3.8 U	3.8 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.7 U	59 J	3.6 U	3.7 U	50 J	99 J	3.6 U	150 J	4.1 U	3.8 U	3.9 U	4.0 U	4.0 U	60 J	5.0 U	390
Phenol	100,000[a]	19 U	19 U	19 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	18 U	19 U	19 U	18 U	18 U	19 U	20 U	19 U	20 U	20 U	20 U	20 U	25 U	28 U
Pyrene[c]	100,000[a]	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	130 J	1.1 U	30 J	79 J	580	1.1 U	220	35 J	1.2 U	21 J	1.2 U	1.2 U	110 J	1.5 U	650
Total SVOCs		ND	ND	68	11	ND	ND	ND	ND	ND	1,277	72	50	640	1,929	ND	1,251	88	ND	113.8	35.3	ND	836	ND	3,634

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-G-024			LT-G-025			LT-G-026			LT-G-027			LT-G-028			LT-G-029			LT-G-030			LT-G-031		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-54485-10	480-54485-11	480-54485-12	480-54485-7	480-54485-8	480-54485-9	480-55157-18	480-55157-19	480-55157-20	480-55157-21	480-55157-22	480-55157-23	480-55212-4	480-55212-5	480-55212-6	480-55212-7	480-55212-8	480-55212-9	480-55212-12	480-55212-13	480-55212-14	480-55212-15	480-55212-16	480-55212-17
Sampling Date:	Use	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014
Semi-Volatile Organic Compounds																									
2,4,5-Trichlorophenol	NS	41 U	40 U	39 U	44 U	44 U	40 U	450 U	40 U	42 U	43 U	41 U	47 U	42 U	40 U	41 U	40 U	42 U	39 U	40 U	39 U	41 U	40 U	40 U	40 U
2,4,6-Trichlorophenol	NS	12 U	12 U	12 U	13 U	13 U	12 U	140 U	12 U	13 U	13 U	12 U	14 U	13 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
2,4-Dichlorophenol	NS	9.9 U	9.5 U	9.3 U	11 U	11 U	9.5 U	110 U	9.7 U	10 U	10 U	9.8 U	11 U	10 U	9.6 U	9.7 U	9.7 U	10 U	9.4 U	9.6 U	9.5 U	9.8 U	9.5 U	9.6 U	9.5 U
2,4-Dimethylphenol	NS	51 U	49 U	48 U	55 U	55 U	49 U	550 U	50 U	52 U	53 U	50 U	59 U	52 U	49 U	50 U	50 U	52 U	48 U	50 U	49 U	51 U	49 U	49 U	49 U
2,4-Dinitrophenol	NS	66 U	63 U	62 U	71 U	71 U	64 U	720 U	65 U	67 U	69 U	65 U	76 U	68 U	64 U	65 U	64 U	67 U	63 U	64 U	63 U	65 U	64 U	64 U	64 U
2,4-Dinitrotoluene	NS	29 U	28 U	27 U	31 U	32 U	28 U	320 U	29 U	30 U	30 U	29 U	34 U	30 U	28 U	29 U	29 U	30 U	28 U	28 U	28 U	29 U	28 U	28 U	28 U
2,6-Dinitrotoluene	NS	46 U	44 U	43 U	50 U	50 U	44 U	500 U	45 U	47 U	48 U	46 U	53 U	47 U	45 U	45 U	45 U	47 U	44 U	45 U	44 U	46 U	45 U	45 U	45 U
2-Chloronaphthalene	NS	13 U	12 U	12 U	14 U	14 U	12 U	140 U	12 U	13 U	13 U	12 U	15 U	13 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U
2-Chlorophenol	NS	9.6 U	9.2 U	9.0 U	10 U	10 U	9.3 U	100 U	9.4 U	9.7 U	10 U	9.5 U	11 U	9.8 U	9.3 U	9.5 U	9.4 U	9.8 U	9.1 U	9.3 U	9.2 U	9.5 U	9.3 U	9.3 U	9.3 U
2-Methylnaphthalene	NS	2.3 U	2.2 U	2.1 U	17 J	99 J	2.2 U	25 U	2.2 U	2.3 U	16 J	2.3 U	2.6 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U
2-Methylphenol	NS	5.8 U	5.6 U	5.5 U	6.2 U	6.3 U	5.6 U	63 U	5.7 U	5.9 U	6 U	5.7 U	6.7 U	5.9 U	5.6 U	5.7 U	5.7 U	5.9 U	5.5 U	5.6 U	5.5 U	5.8 U	5.6 U	5.6 U	5.6 U
2-Nitroaniline	NS	60 U	58 U	57 U	65 U	65 U	58 U	660 U	59 U	61 U	63 U	60 U	70 U	62 U	58 U	60 U	59 U	62 U	57 U	59 U	58 U	60 U	58 U	58 U	58 U
2-Nitrophenol	NS	8.6 U	8.3 U	8.1 U	9.3 U	9.3 U	8.3 U	94 U	8.5 U	8.7 U	9 U	8.5 U	9.9 U	8.8 U	8.3 U	8.5 U	8.4 U	8.8 U	8.2 U	8.4 U	8.2 U	8.5 U	8.3 U	8.3 U	8.3 U
3,3'-Dichlorobenzidine	NS	170 UJ	160 U	160 U	180 U	180 U	160 U	1,800 U	160 U	170 U	170 U	160 UJ	190 U	170 U	160 U	160 U	160 U	170 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U
3-Nitroaniline	NS	43 U	42 U	41 U	47 U	47 U	42 U	470 U	43 U	44 U	45 U	43 U	50 U	44 U	42 U	43 U	42 U	44 U	41 U	42 U	41 U	43 U	42 U	42 U	42 U
4,6-Dinitro-o-cresol[c]	100,000[a]	65 U	63 U	61 U	70 U	70 U	63 U	710 U	64 U	66 U	68 U	64 U	75 U	67 U	63 U	64 U	64 U	66 U	62 U	63 U	62 U	65 U	63 U	63 U	63 U
4-Bromophenyl phenyl ether	NS	60 U	58 U	56 U	65 U	65 U	58 U	650 U	59 U	61 U	63 U	59 U	69 U	61 U	58 U	59 U	59 U	61 U	57 U	58 U	57 U	59 U	58 U	58 U	58 U
4-Chloro-3-methylphenol	NS	7.8 U	7.5 U	7.3 U	8.4 U	8.4 U	7.5 U	84 U	7.6 U	7.9 U	8.1 U	7.7 U	8.9 U	7.9 U	7.5 U	7.6 U	7.6 U	7.9 U	7.4 U	7.5 U	7.4 U	7.7 U	7.5 U	7.5 U	7.5 U
4-Chloroaniline	NS	55 U	53 U	52 U	60 U	60 U	53 U	600 U	54 U	56 U	58 U	55 U	64 U	57 U	53 U	55 U	54 U	56 U	52 U	54 U	53 U	55 U	53 U	53 U	53 U
4-Chlorophenyl phenyl ether	NS	4.0 U	3.9 U	3.8 U	4.3 U	4.3 U	3.9 U	44 U	3.9 U	4.1 U	4.2 U	4 U	4.6 U	4.1 U	3.9 U	4 U	3.9 U	4.1 U	3.8 U	3.9 U	3.8 U	4 U	3.9 U	3.9 U	3.9 U
4-Methylphenol	NS	11 U	10 U	9.9 U	11 U	11 U	10 U	110 U	10 U	11 U	11 U	10 U	12 U	11 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	NS	21 U	20 U	20 U	23 U	23 U	20 U	230 U	21 U	21 U	22 U	21 U	24 U	22 U	20 U	21 U	21 U	21 U	20 U	20 U	20 U	21 U	20 U	20 U	20 U
4-Nitrophenol	NS	46 U	44 U	43 U	49 UJ	49 UJ	44 U	500 U	45 U	46 U	48 U	45 U	53 U	47 U	44 U	45 U	45 U	46 U	43 U	44 U	44 U	45 U	44 U	44 U	44 U
Acenaphthene	100,000[a]	2.2 U	2.1 U	2.1 U	30 J	54 J	2.1 U	850 J	2.2 U	2.2 U	18 J	96 J	2.5 U	2.3 U	2.1 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
Acenaphthylene[c]	100,000[a]	1.5 U	1.5 U	1.5 U	44 J	57 J	1.5 U	17 U	1.5 U	1.6 U	11 J	16 J	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Acetophenone	NS	9.7 U	9.3 U	9.1 U	28 J	10 U	9.3 U	110 U	9.5 U	9.8 U	10 U	9.5 U	11 U	9.9 U	9.3 U	9.5 U	9.5 U	9.8 U	9.2 U	9.4 U	9.3 U	9.6 U	9.3 U	9.4 U	9.3 U
Anthracene[c]	100,000[a]	4.8 U	4.6 U	4.5 U	95 J	150 J	4.7 U	200 J	4.7 U	4.9 U	43 J	190	5.5 U	4.9 U	4.7 U	4.8 U	4.7 U	4.9 U	4.6 U	4.7 U	4.6 U	4.8 U	4.7 U	4.7 U	4.7 U
Atrazine	NS	8.4 U	8.1 U	7.9 U	9.0 U	9.1 U	8.1 U	91 U	8.2 U	8.5 U	8.7 U	8.3 U	9.6 U	8.6 U	8.1 U	8.3 U	8.2 U	8.5 U	8 U	8.2 U	8 U	8.3 U	8.1 U	8.1 U	8.1 U
Benzaldehyde	NS	R	20 U	19 U	R	R	20 U	220 U	20 U	21 U	22 U	20 U	24 U	21 U	20 U	20 U	20 U	21 U	20 U	20 U	20 U	21 U	20 U	20 U	20 U
Benzo(a)anthracene[c]	1,000[c]	3.3 UJ	3.1 U	3.1 U	440	610	3.1 U	640 J	3.2 U	3.3 U	140 J	970 J	3.7 U	3.3 U	3.1 U	3.2 U	3.2 U	3.3 U	3.1 U	3.2 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U
Benzo(a)pyrene	1,000[c]	4.5 UJ	4.4 U	4.3 U	510	690	4.4 U	590 J	4.5 U	4.6 U	130 J	900 J	5.2 U	4.7 U	4.4 U	4.5 U	4.4 U	4.6 U	4.3 U	4.4 U	4.3 U	4.5 U	4.4 U	4.4 U	4.4 U
Benzo(b)fluoranthene[c]	1,000[c]	3.7 UJ	3.5 U	3.4 U	620	960	3.5 U	40 U	3.6 U	3.7 U	170 J	1,000 J	4.2 U	3.7 U	3.5 U	3.6 U	3.6 U	3.7 U	3.5 U	3.6 U	3.5 U	3.6 U	3.5 U	3.5 U	3.5 U
Benzo(ghi)perylene[c]	100,000[a]	2.3 UJ	2.2 U	2.1 U	450	630	2.2 U	410 J	2.2 U	2.3 U	100 J	630 J	2.6 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Benzo(k)fluoranthene[c]	3,900	2.1 UJ	2.0 U	2.0 U	300	320	2.0 U	23 U	2 U	2.1 U	58 J	500 J	2.4 U	2.1 U	2 U	2 U	2 U	2.1 U	2 U	2 U	2 U	2.1 U	2 U	2 U	2 U
Biphenyl	NS	12 U	11 U	11 U	13 U	33 J	11 U	130 U	12 U	12 U	12 U	12 U	14 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U
Bis(2-chloroisopropyl)ether	NS	20 U	19 U	19 U	21 U	21 U	19 U	210 U	19 U	20 U	21 U	19 U	23 U	20 U	19 U	19 U	19 U	20 U	19 U	19 U	19 U	20 U	19 U	19 U	19 U
Bis(2-chloroethoxy)methane	NS	10 U	9.9 U	9.7 U	11 U	11 U	9.9 U	110 U	10 U	10 U	11 U	10 U	12 U	11 U	9.9 U	10 U	10 U	10 U	9.7 U	10 U	9.8 U	10 U	9.9 U	9.9 U	9.9 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	15 U	18 U	18 U	16 U	180 U	16 U	16 U	17 U	16 U	19 U	17 U	16 U	16 U	16 U	17 U	15 U	16 U	16 U	16 U	16 U	16 U	16 U
Bis(2-Ethylhexyl)phthalate	NS	61 UJ	58 U	57 U	960	2,100	59 U	660 U	60 U	62 U	73 J	60 UJ	70 U	62 U	92 J	60 U	59 U	62 U	130 J	230	58 U	60 U	59 U	59 U	59 U
Butyl benzyl phthalate	NS	51 UJ	49 U	48 U	72 J	86 J	49 U	550 U	50 U	51 U	53 U	50 U	58 U	52 U	49 U	50 U	49 U	52 U	48 U	49 U	78 U	50 U	49 U	49 U	49 U
Caprolactum	NS	82 U	78 U	77 U	88 U	88 U	79 U	890 U	80 U	83 U	85 U	80 U	94 U	84 U	79 U	80 U	80 U	83 U	77 U	79 U	78 U	81 U	79 U	79 U	79 U
Carbazole	NS	2.2 U	2.1 U	2.1 U	40 J	59 J	2.1 U	24 U	2.1 U	2.2 U	14 J	2.2 U	2.5 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
Chrysene[c]	3,900	1.9 UJ	1.8 U	1.8 U	530	700	1.8 U	780 J	1.9 U	1.9 U	150 J	940 J	2.2 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Dibenzo(a,h)anthracene[c]	330[c]	2.2 UJ	2.1 U	2.1 U	79 J	110 J	2.1 U	24 U	2.2 U	2.2 U	2.3 U	140 J	2.5 U	2.3 U	2.1 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
Dibenzofuran[c]	59,000	2.0 U	1.9 U	1.8 U	18 J	59 J	1.9 U	21 U	1.9 U	2 U	13 J	1.9 U	2.3 U	2 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethyl phthalate	NS	5.7 U	5.5 U	5.4 U	6.1 U	6.2 U	5.5 U	62 U	5.6 U	5.8 U	5.9 U	5.6 UJ	6.5 U	5.8 U	5.5 U	5.6 U	5.6 U	5.8 U	5.4 U	5.5 U	5.4 U	5.6 U	5.5 U	5.5 U	5.5 U
Dimethyl phthalate	NS	4.9 U	4.7 U	4.6 U	5.3 U	5.3 U	4.7 U	53 U	4.8 U	5 U	5.1 U	4.9 U	5.7 U	5 U	4.8 U	4.8 U	4.8 U	5 U	4.7 U	4.8 U	4.7 U	4.9 U	4.7 U	4.8 U	4.7 U
Di-n-butylphthalate	NS	65 U	63 U	61 U	70 U	70 U	63 U	710 U	64 U	66 U	68 U	64 U	75 U	67 U	63 U	64 U	64 U	66 U	62 U	63 U	62 U	65 U	63 U	63 U	63 U
Di-n-octylphthalate	NS	4.4 UJ	4.2 U	4.1 U	4.8 U	4.8 U	4.3 U	48 U	4.3 U	4.5 U	4.6 U	4.4 UJ	5.1 U	4.5 U	4.3 U	4.3 U	4.3 U	4.5 U	4.2 U	4.3 U	4.2 U	4.4 U	4.3 U	4.3 U	4.3 U
Fluoranthene[c]	100,000[a]	2.7 U	2.6 U	2.6 U	660	850	2.6 U	1,100 J	2.7 U	2.8 U	180 J	1,500	3.1 U	2.8 U	2.6 U	2.7 U	2.7 U	2.8 U	2.6 U	2.7 U	2.6 U	2.7 U	2.6 U	2.6 U	2.6 U
Fluorene	100,000[a]	4.3 U	4.2 U	4.1 U	36 J	67 J	4.2 U	88 J	4.3 U	4.4 U	23 J	40 J	5 U	4.4 U	4.2 U	4.3 U	4.2 U	4.4 U	4.1 U	4.2 U	4.2 U	4.3 U	4.2 U	4.2 U	4.2 U
Hexachlorobenzene	1,200	9.4 U	9.0 U	8.8 U	10 U	10 U	9.0 U	100 U	9.2 U	9.5 U	9.8 U	9.2 U	11 U	9.6 U	9 U	9.2 U	9.2 U	9.5 U	8.9 U	9.1 U	9 U	9.3 U	9 U	9.1 U	9 U
Hexachlorobutadiene	NS	9.7 U	9.3 U	9.1 U	10 U	10 U	9.3 U	100 U	9.5 U	9.8 U	10 U	9.5 U	11 U	9.9 U	9.3 U	9.5 U	9.4 U	9.8 U	9.1 U	9.4 U	9.2 U	9.6 U	9.3 U	9.3 U	9.3 U
Hexachlorocyclopentadiene	NS	57 U	55 U	54 U	61 U	62 U	55 U	620 U	56 U	58 U	59 U	56 U	66 U	58 U	55 U	56 U	56 U	58 U	54 U	55 U	55 U	57 U	55 U	55 U	55 U
Hexachloroethane	NS	15 U	14 U	14 U	16 U	16 U	14 U	160 U	14 U	15 U	15 U	14 U	17 U	15 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.2 UJ	5.0 U	4.9 U	470	640	5.0 U	57 U	5.1 U	5.3 U	100 J	630 J	6 U	5.3 U	5 U	5.1 U	5.1 U	5.3 U	4.9 U	5.1 U	5 U	5.2 U	5 U	5 U	5 U
Isophorone	NS	9.4 U	9.1 U	8.9 U	10 U	10 U	9.1 U	100 U	9.3 U	9.5 U	9.8 U	9.3 U	11 U	9.6 U	9.1 U	9.3 U	9.2 U	9.6 U	8.9 U	9.2 U	9 U	9.3 U	9.1 U	9.1 U	9.1 U
Naphthalene[c]	100,000[a]	3.1 U	3.0 U	3.0 U	29 J	51 J	3.0 U	35 J	3.1 U	3.2 U	27 J	3.1 U	3.6 U	3.2 U	3 U	3.1 U	3.1 U	3.2 U	3 U	3.1 U	3 U	3.1 U	3 U	3 U	3 U
Nitrobenzene	NS	8.4 U	8.0 U	7.9 U	9.0 U	9.0 U	8.1 U	91 U	8.2 U	8.5 U	8.7 U	8.2 U	9.6 U	8.6 U	8.1 U	8.2 U	8.2 U	8.5 U	7.9 U	8.1 U	8 U	8.3 U	8.1 U	8.1 U	8.1 U
n-Nitrosodi-n-propylamine	NS	15 U	14 U	14 U	16 U	16 U	14 U	160 U	15 U	15 U	16 U	15 U	17 U	15 U	14 U	15 U	15 U	15 U	14 U	15 U	14 U	15 U	14 U	14 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	9.9 U	9.7 U	11 U	11 U	9.9 U	110 U	10 U	10 U	11 U	10 U	12 U	11 U	10 U	10 U	10 U	10 U	9.8 U	10 U	9.9 U	10 U	9.9 U	10 U	9.9 U
Pentachlorophenol	6,700	65 U	62 U	61 U	70 U	70 U	62 U	700 U	63 U	66 U	67 U	64 U	74 U	66 U	62 U	64 U	63 U	66 U	61 U	63 U	62 U	64 U	62 U	63 U	62 U
Phenanthrene[c]	100,000[a]	4.0 U	3.8 U	3.7 U	390	600	4.2 J	590 J	3.9 U	4 U	190 J	1,000	4.5 U	4.1 U	3.8 U	3.9 U	3.9 U	4 U	3.8 U	3.8 U	3.8 U	3.9 U	3.8 U	3.8 U	3.8 U
Phenol	100,000[a]	20 U	19 U	19 U	21 U	21 U	19 U	220 U	19 U	20 U	21 U	20 U	23 U	20 U	19 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U	19 U	19 U	19 U
Pyrene[c]	100,000[a]	1.2 UJ	1.2 U	1.1 U	980	1,200	1.2 U	1,900 J	1.2 U	1.2 U	300	2,800	1.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total SVOCs		ND	ND	ND	6,856	10,161	4.2	7,183	ND	ND	1,756	11,352	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-G-032			LT-G-033			LT-G-034			LT-G-035			LT-G-036			LT-G-037			LT-Gi-001		LT-Gi-002	
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	0-2'	2-4'
Laboratory ID:	Restricted-Residential	480-55212-18	480-55212-19	480-55212-20	480-55212-21	480-55212-22	480-55212-23	480-55212-24	480-55212-25	480-55212-26	480-55212-27	480-55212-28	480-55212-29	480-55280-4	480-55280-5	480-55280-6	480-55280-7	480-55280-8	480-55280-9	480-54120-1	480-54120-2	480-54120-3	480-54120-4
Sampling Date:	Use	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014
Semi-Volatile Organic Compounds																							
2,4,5-Trichlorophenol	NS	40 U	40 U	39 U	41 U	39 U	39 U	39 U	39 U	41 U	41 U	39 U	39 U	39 U	41 U	39 U	39 U	40 U	40 U	39 U	210 U	190 U	39 U
2,4,6-Trichlorophenol	NS	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	64 U	58 U	12 U
2,4-Dichlorophenol	NS	9.6 U	9.6 U	9.4 U	9.8 U	9.5 U	9.4 U	9.4 U	9.3 U	9.9 U	9.8 U	9.4 U	9.4 U	9.4 U	9.8 U	9.3 U	9.4 U	9.6 U	9.6 U	9.4 U	51 U	46 U	9.4 U
2,4-Dimethylphenol	NS	49 U	50 U	49 U	50 U	49 U	48 U	48 U	48 U	51 U	51 U	48 U	49 U	48 U	51 U	48 U	48 U	49 U	49 U	48 U	260 U	240 U	49 U
2,4-Dinitrophenol	NS	64 U	64 U	63 U	65 U	63 U	63 U	63 U	62 U	66 U	66 U	63 U	63 U	63 U	66 U	62 U	63 U	64 U	64 U	63 U	340 U	310 U	63 U
2,4-Dinitrotoluene	NS	28 U	28 U	28 U	29 U	28 U	28 U	28 U	27 U	29 U	29 U	28 U	28 U	28 U	29 U	27 U	28 U	28 U	28 U	28 U	150 U	140 U	28 U
2,6-Dinitrotoluene	NS	45 U	45 U	44 U	46 U	44 U	44 U	44 U	43 U	46 U	46 U	44 U	44 U	44 U	46 U	43 U	44 U	45 U	45 U	44 U	240 U	220 U	44 U
2-Chloronaphthalene	NS	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	13 U	13 U	12 U	12 U	12 U	13 U	12 U	12 U	12 U	12 U	12 U	65 U	59 U	12 U
2-Chlorophenol	NS	9.3 U	9.3 U	9.2 U	9.5 U	9.2 U	9.1 U	9.1 U	9 U	9.6 U	9.6 U	9.1 U	9.2 U	9.1 U	9.5 U	9 U	9.1 U	9.3 U	9.3 U	9.1 U	50.0 U	45 U	9.2 U
2-Methylnaphthalene	NS	2.2 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U	280 J	11 U	86 J
2-Methylphenol	NS	5.6 U	5.6 U	5.5 U	5.7 U	5.6 U	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	5.5 U	5.5 U	5.5 U	5.8 U	5.4 U	5.5 U	5.6 U	5.6 U	5.5 U	30.0 U	27 U	5.5 U
2-Nitroaniline	NS	59 U	59 U	58 U	60 U	58 U	58 U	57 U	57 U	60 U	60 U	58 U	58 U	57 U	60 U	57 U	57 U	58 U	59 U	57 U	310 U	280 U	58 U
2-Nitrophenol	NS	8.4 U	8.4 U	8.2 U	8.5 U	8.3 U	8.2 U	8.2 U	8.1 U	8.6 U	8.6 U	8.2 U	8.2 U	8.2 U	8.6 U	8.1 U	8.2 U	8.3 U	8.3 U	8.2 U	44.0 U	40 U	8.2 U
3,3'-Dichlorobenzidine	NS	160 U	160 U	160 U	160 U	160 U	160 U	160 U	160 U	170 U	160 U	160 U	160 U	160 U	160 U	150 U	160 U	160 U	160 U	160 U	850 U	780 U	160 U
3-Nitroaniline	NS	42 U	42 U	41 U	43 U	42 U	41 U	41 U	41 U	43 U	43 U	41 U	41 U	41 U	43 U	41 U	41 U	42 U	42 U	41 U	220 U	200 U	41 U
4,6-Dinitro-o-cresol[c]	100,000[a]	63 U	63 U	62 U	64 U	62 U	62 U	62 U	61 U	65 U	65 U	62 U	62 U	62 U	65 U	61 U	62 U	63 U	63 U	62 U	340 U	310 U	62 U
4-Bromophenyl phenyl ether	NS	58 U	58 U	57 U	59 U	57 U	57 U	57 U	56 U	60 U	60 U	57 U	57 U	57 U	60 U	56 U	57 U	58 U	58 U	57 U	310 U	280 U	57 U
4-Chloro-3-methylphenol	NS	7.5 U	7.6 U	7.4 U	7.7 U	7.4 U	7.4 U	7.4 U	7.3 U	7.8 U	7.7 U	7.4 U	7.4 U	7.4 U	7.7 U	7.3 U	7.4 U	7.5 U	7.5 U	7.4 U	40.0 U	36 U	7.4 U
4-Chloroaniline	NS	54 U	54 U	53 U	55 U	53 U	53 U	53 U	52 U	55 U	55 U	53 U	53 U	53 U	55 U	52 U	53 U	54 U	54 U	53 U	290 U	260 U	53 U
4-Chlorophenyl phenyl ether	NS	3.9 U	3.9 U	3.8 U	4 U	3.9 U	3.8 U	3.8 U	3.8 U	4 U	4 U	3.8 U	3.8 U	3.8 U	4 U	3.8 U	3.8 U	3.9 U	3.9 U	3.8 U	21.0 U	19 U	3.8 U
4-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U	10 U	10 U	10 U	9.8 U	10 U	10 U	10 U	10 U	54 U	49 U	10 U
4-Nitroaniline	NS	20 U	21 U	20 U	21 U	20 U	20 U	20 U	20 U	21 U	21 U	20 U	20 U	20 U	21 U	20 U	20 U	20 U	20 U	20 U	110 U	99 U	20 U
4-Nitrophenol	NS	44 U	45 U	44 U	45 U	44 U	44 U	43 U	43 U	46 U	46 U	44 U	44 U	43 U	45 U	43 U	43 U	44 U	44 U	43 U	240 U	210 U	44 U
Acenaphthene	100,000[a]	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	890 J	170 J	120 J
Acenaphthylene[c]	100,000[a]	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	240 J	7.2 U	47 J
Acetophenone	NS	9.4 U	9.4 U	9.2 U	9.6 U	9.3 U	9.2 U	9.2 U	9.1 U	9.7 U	9.6 U	9.2 U	9.2 U	9.2 U	9.6 U	9.1 U	9.2 U	9.4 U	9.4 U	9.2 U	50 U	45 U	9.2 U
Anthracene[c]	100,000[a]	4.7 U	4.7 U	4.6 U	4.8 U	4.6 U	4.6 U	4.6 U	4.5 U	4.8 U	4.8 U	4.6 U	4.6 U	4.6 U	4.8 U	4.5 U	4.6 U	4.7 U	4.7 U	38 J	4,000	350 J	170 J
Atrazine	NS	8.1 U	8.2 U	8 U	8.3 U	8 U	8 U	8 U	7.9 U	8.4 U	8.4 U	8 U	8 U	8 U	8.3 U	7.9 U	8 U	8.1 U	8.1 U	8.0 U	43 U	39 U	8.0 U
Benzaldehyde	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	19 U	21 U	21 U	20 U	20 U	20 U	21 U	19 UJ	20 U	20 U	20 U	20 U	110 U	97 UJ	20 U
Benzo(a)anthracene[c]	1,000[c]	3.2 U	3.2 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	3.1 U	3.3 U	3.2 U	3.1 U	3.1 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	3.2 U	130 J	9,500	1,200	560
Benzo(a)pyrene	1,000[c]	4.4 U	4.4 U	4.3 U	4.5 U	4.4 U	4.3 U	4.3 U	4.3 U	4.5 U	4.5 U	4.3 U	4.3 UJ	4.3 U	4.5 U	4.3 UJ	4.3 U	4.4 U	4.4 U	120 J	7,900	1,100	530
Benzo(b)fluoranthene[c]	1,000[c]	3.6 U	3.6 U	3.5 U	3.6 U	3.5 U	3.5 U	3.5 U	3.4 U	3.7 U	3.6 U	3.5 U	3.5 UJ	3.5 U	3.6 U	3.4 UJ	3.5 U	3.5 U	3.5 U	170 J	8,700	1,400	1,000
Benzo(ghi)perylene[f]	100,000[a]	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.3 U	2.2 U	2.2 UJ	2.2 U	2.2 U	2.1 UJ	2.1 U	2.2 U	2.2 U	74 J	3,600	560 J	180
Benzo(k)fluoranthene[c]	3,900	2 U	2 U	2 U	2.1 U	2 U	2 U	2 U	2 U	2.1 U	2.1 U	2 U	2 UJ	2 U	2.1 U	1.9 UJ	2 U	2 U	2 U	60 J	4,200	640 J	360
Biphenyl	NS	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	92 J	55 U	20 J
Bis(2-chloroisopropyl)ether	NS	19 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	20 U	20 U	19 U	19 U	19 U	20 U	18 U	19 U	19 U	19 U	19 U	100 U	93 U	19 U
Bis(2-chloroethoxy)methane	NS	10 U	10 U	9.8 U	10 U	9.8 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.8 U	9.8 U	9.8 U	10 U	9.6 U	9.7 U	9.9 U	9.9 U	9.7 U	53 U	48 U	9.8 U
Bis(2-chloroethyl)ether	NS	16 U	16 U	16 U	16 U	16 U	15 U	15 U	15 U	16 U	16 U	15 U	16 U	15 U	16 U	15 U	15 U	16 U	16 U	15 U	84 U	76 U	16 U
Bis(2-Ethylhexyl)phthalate	NS	59 U	59 U	58 U	60 U	58 U	58 U	58 U	57 U	61 U	61 U	58 U	91 J	58 U	60 U	57 U	58 U	59 U	59 U	58 U	310 UJ	290 UJ	99 J
Butyl benzyl phthalate	NS	79 U	49 U	48 U	50 U	49 U	48 U	48 U	48 U	51 U	50 U	48 U	48 U	48 U	50 U	47 U	48 U	49 U	49 U	48 U	260 UJ	240 UJ	48 U
Caprolactum	NS	79 U	79 U	78 U	81 U	78 U	78 U	78 U	77 U	82 U	81 U	78 U	78 U	78 U	81 U	76 U	77 U	79 U	79 U	77 U	420 U	380 U	78 U
Carbazole	NS	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	580 J	150 J	79 J
Chrysene[c]	3,900	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	19 J	1.8 U	1.8 U	1.8 U	1.8 U	150 J	9,800	1,200	850
Dibenzo(a,h)anthracene[c]	330[e]	2.2 U	2.2 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 UJ	2.1 U	2.2 U	2.1 UJ	2.1 U	2.1 U	2.1 U	2.1 U	950 J	10 U	2.1 U
Dibenzofuran[c]	59,000	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	560 J	9.2 U	1.9 U
Diethyl phthalate	NS	5.5 U	5.5 U	5.4 U	5.6 U	5.5 U	5.4 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U	5.4 UJ	5.4 U	5.7 U	5.3 U	5.4 U	5.5 U	5.5 U	5.4 U	29.0 U	27 U	5.4 U
Dimethyl phthalate	NS	4.8 U	4.8 U	4.7 U	4.9 U	4.7 U	4.7 U	4.7 U	4.6 U	4.9 U	4.9 U	4.7 U	4.7 U	4.7 U	4.9 U	4.6 U	4.7 U	4.8 U	4.8 U	4.7 U	25.0 U	23 U	4.7 U
Di-n-butylphthalate	NS	63 U	63 U	62 U	65 U	62 U	62 U	62 U	61 U	65 U	65 U	62 U	62 U	62 U	65 U	61 U	62 U	63 U	63 U	62 U	340 UJ	310 U	62 U
Di-n-octylphthalate	NS	4.3 U	4.3 U	4.2 U	4.4 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4 U	4.4 U	4.2 U	4.2 U	4.2 U	4.4 U	4.1 U	4.2 U	4.3 U	4.3 U	4.2 U	23.0 UJ	21 UJ	4.2 U
Fluoranthene[c]	100,000[a]	2.7 U	2.7 U	2.6 U	2.7 U	2.6 U	2.6 U	2.6 U	2.6 U	2.7 U	2.7 U	2.6 U	2.6 U	11 J	27 J	2.6 U	2.6 U	2.6 U	2.6 U	310	19,000	2,300	1,600
Fluorene	100,000[a]	4.2 U	4.2 U	4.2 U	4.3 U	4.2 U	4.1 U	4.1 U	4.1 U	4.3 U	4.3 U	4.1 U	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.2 U	4.2 U	4.1 U	1,500	20 U	110 J
Hexachlorobenzene	1,200	9.1 U	9.1 U	9 U	9.3 U	9 U	8.9 U	8.9 U	8.8 U	9.4 U	9.3 U	8.9 U	8.9 UJ	8.9 U	9.3 U	8.8 U	8.9 U	9.1 U	9.1 U	8.9 U	48 U	44 U	8.9 U
Hexachlorobutadiene	NS	9.4 U	9.4 U	9.2 U	9.5 U	9.2 U	9.2 U	9.2 U	9.1 U	9.6 U	9.6 U	9.2 U	9.2 UJ	9.2 U	9.6 U	9 U	9.2 U	9.3 U	9.3 U	9.2 U	50 U	45 U	9.2 U
Hexachlorocyclopentadiene	NS	55 U	56 U	54 U	56 U	55 U	54 U	54 U	54 U	57 U	57 U	54 U	54 U	54 U	57 U	53 U	54 U	55 U	55 U	54 U	290 U	270 U	54 U
Hexachloroethane	NS	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	15 U	15 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	75 U	69 U	14 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	5.1 U	5.1 U	5 U	5.2 U	5 U	5 U	5 U	4.9 U	5.2 U	5.2 U	5 U	5 UJ	5 U	5.2 U	4.9 UJ	5 U	5 U	5 U	68 J	3,200	520 J	5.0 U
Isophorone	NS	9.1 U	9.2 U	9 U	9.3 U	9 U	9 U	9 U	8.9 U	9.4 U	9.4 U	9 U	9 U	9 U	9.4 U	8.8 U	9 U	9.1 U	9.1 U	8.9 U	49 U	44 U	9.0 U
Naphthalene[c]	100,000[a]	3 U	3.1 U	3 U	3.1 U	3 U	3 U	3 U	3 U	3.1 U	3.1 U	3 U	3 U	3 U	3.1 U	2.9 U	3 U	3 U	3 U	3.0 U	340 J	15 U	3.0 U
Nitrobenzene	NS	8.1 U	8.1 U	8 U	8.3 U	8 U	8 U	7.9 U	7.9 U	8.4 U	8.3 U	8 U	8 U	7.9 U	8.3 U	7.8 U	7.9 U	8.1 U	8.1 U	7.9 U	43 U	39 U	8.0 U
n-Nitrosodi-n-propylamine	NS	14 U	15 U	14 U	15 U	14 U	14 U	14 U	14 U	15 U	15 U	14 U	14 U	14 U	15 U	14 U	14 U	14 U	14 U	14 U	77 U	70 U	14 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	10 U	10 U	9.9 U	10 U	9.9 U	9.8 U	9.8 U	9.7 U	10 U	10 U	9.8 U	9.8 U	9.8 U	10 U	9.7 U	9.8 U	10 U	10 U	9.8 U	53 U	48 U	11 J
Pentachlorophenol	6,700	63 U	63 U	62 U	64 U	62 U	62 U	61 U	61 U	65 U	64 U	62 U	62 U	61 U	64 U	61 U	61 U	63 U	63 U	61 U	330 U	300 U	62 U
Phenanthrene[c]	100,000[a]	3.8 U	3.9 U	3.8 U	3.9 U	3.8 U	3.8 U	3.8 U	3.7 U	4 U	3.9 U	3.8 U	3.8 U	3.8 U	3.9 U	3.7 U	3.8 U	3.8 U	3.8 U	240	15,000	1,600	660
Phenol	100,000[a]	19 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	20 U	20 U	19 U	19 U	19 U	20 U	19 U	19 U	19 U	19 U	19 U	100 U	93 U	19 U
Pyrene[c]	100,000[a]	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	14 J	30 J	1.1 U	1.2 U	1.2 U	1.2 U	250	19,000	1,900	1,200
Total SVOCs		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	76	ND	ND	ND	ND	1,610	109,332	13,090	7,682

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-GI-003	LT-GI-004	LT-GI-005		LT-T-001			LT-T-002			LT-T-003			LT-T-004			LT-T-005		
Sample Depth:	Soil Cleanup Objectives	0-2'	0-2'	0-2'	2-4'	0-2'	8-10'	10-12'	0-2'	2-4'	12-14'	0-2'	6-8'	10-12'	0-2'	4-6'	10-12'	0-2'	4-6'	16-19'
Laboratory ID:	Restricted-Residential	480-54634-6	480-54634-7	480-54634-8	480-54634-9	480-55387-1	480-55387-2	480-55387-3	480-55387-4	480-55387-5	480-55387-6	480-55387-10	480-55387-11	480-55387-12	480-55387-7	480-55387-8	480-55387-9	480-55387-16	480-55387-17	480-55387-18
Sampling Date:	Use	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Semi-Volatile Organic Compounds																				
2,4,5-Trichlorophenol	NS	47 U	43 U	41 U	41 U	210 U	84 UJ	49 U	420 U	400 U	46 U	190 U	40 U	45 U	42 U	44 U	45 U	220 U	39 U	50 U
2,4,6-Trichlorophenol	NS	14 U	13 U	12 U	12 U	63 U	25 UJ	15 U	130 U	120 U	14 U	58 U	12 U	13 U	13 U	13 U	14 U	65 U	12 U	15 U
2,4-Dichlorophenol	NS	11 U	10 U	9.8 U	9.8 U	50 U	20 UJ	12 U	100 U	97 U	11 U	46 U	9.7 U	11 U	10 U	11 U	11 U	52 U	9.3 U	12 U
2,4-Dimethylphenol	NS	58 U	53 U	51 U	51 U	260 U	100 UJ	61 U	520 U	500 U	57 U	240 U	50 U	55 U	52 U	54 U	56 U	270 U	48 U	62 U
2,4-Dinitrophenol	NS	75 U	69 U	66 U	66 U	330 U	130 UJ	79 U	670 U	650 U	74 U	310 U	64 U	72 U	67 U	71 U	72 U	350 U	62 U	81 U
2,4-Dinitrotoluene	NS	33 U	30 U	29 U	29 U	150 U	59 UJ	35 U	300 U	290 U	33 U	140 U	29 U	32 U	30 U	31 U	32 U	150 U	27 U	36 U
2,6-Dinitrotoluene	NS	53 U	48 U	46 U	46 U	230 U	94 UJ	55 U	470 U	450 U	52 U	210 U	45 U	50 U	47 U	49 U	51 U	240 U	43 U	57 U
2-Chloronaphthalene	NS	14 U	13 U	13 U	13 U	64 U	26 UJ	15 U	130 U	120 U	14 U	59 U	12 U	14 U	13 U	14 U	14 U	66 U	12 U	15 U
2-Chlorophenol	NS	11 U	10 U	9.5 U	9.5 U	49 U	20 UJ	11 U	98 U	94 U	11 U	45 U	9.4 U	10 U	9.7 U	10 U	11 U	50 U	9 U	12 U
2-Methylnaphthalene	NS	23 J	19 J	2.3 U	2.3 U	42 J	16 J	2.7 U	110 J	77 J	2.6 U	35 J	2.2 U	2.5 U	11 J	2.4 U	5.2 J	12 U	29 J	2.8 U
2-Methylphenol	NS	6.6 U	6.0 U	5.8 U	5.8 U	29 U	12 UJ	63 J	59 U	57 U	6.5 U	27 U	5.7 U	6.3 U	5.9 U	6.2 U	6.4 U	30 U	5.5 U	7.1 U
2-Nitroaniline	NS	69 U	63 U	60 U	60 U	310 U	120 UJ	72 U	620 U	590 U	68 U	280 U	59 U	66 U	61 U	65 U	66 U	320 U	57 U	74 U
2-Nitrophenol	NS	9.8 U	9.0 U	8.6 U	8.6 U	44 U	18 UJ	10 U	88 U	84 U	9.7 U	40 U	8.4 U	9.3 U	8.7 U	9.2 U	9.5 U	45 U	8.1 U	11 U
3,3'-Dichlorobenzidine	NS	190 UJ	170 U	160 U	160 U	840 U	340 UJ	200 U	1,700 U	1,600 U	190 U	770 U	160 U	180 U	170 U	180 U	180 U	870 U	160 U	200 U
3-Nitroaniline	NS	49 U	45 U	43 U	43 U	220 U	88 UJ	52 U	440 U	420 U	49 U	200 U	42 U	47 U	44 U	46 U	48 U	230 U	41 U	53 U
4,6-Dinitro-o-cresol[f]	100,000[a]	74 U	68 U	65 U	65 U	330 U	130 UJ	78 U	660 U	640 U	73 U	300 U	64 U	71 U	66 U	70 U	71 U	340 U	61 U	80 U
4-Bromophenyl phenyl ether	NS	68 U	63 U	60 U	60 U	300 U	120 UJ	71 U	610 U	590 U	67 U	280 U	59 U	65 U	61 U	64 U	66 U	310 U	56 U	73 U
4-Chloro-3-methylphenol	NS	8.9 U	8.1 U	7.7 U	7.7 U	39 U	16 UJ	9.2 U	79 U	76 U	8.7 U	36 U	7.6 U	8.4 U	7.9 U	8.3 U	8.5 U	41 U	7.3 U	9.5 U
4-Chloroaniline	NS	63 U	58 U	55 U	55 U	280 U	110 UJ	66 U	560 U	540 U	62 U	260 U	54 U	60 U	56 U	59 U	61 U	290 U	52 U	68 U
4-Chlorophenyl phenyl ether	NS	4.6 U	4.2 U	4.0 U	4.0 U	20 U	8.2 UJ	4.8 U	41 U	39 U	4.5 U	19 U	3.9 U	4.4 U	4.1 U	4.3 U	4.4 U	21 U	3.8 U	4.9 U
4-Methylphenol	NS	12 U	29 J	10 U	10 U	53 U	21 UJ	13 J	110 U	100 U	12 U	49 U	10 U	11 U	11 U	11 U	12 U	55 U	9.9 U	13 U
4-Nitroaniline	NS	24 U	22 U	21 U	21 U	110 U	43 UJ	25 U	210 U	210 U	24 U	98 U	21 U	23 U	21 U	23 U	23 U	110 U	20 U	26 U
4-Nitrophenol	NS	52 UJ	48 U	45 U	45 U	230 U	93 UJ	54 U	460 U	450 U	51 U	210 U	45 U	50 U	46 U	49 U	50 U	240 U	43 U	56 U
Acenaphthene	100,000[a]	230	110 J	2.2 U	2.2 U	130 J	180 J	24 J	23 U	260 J	7 J	260 J	2.2 U	2.4 U	9 J	12 J	14 J	20 J	200	4.3 J
Acenaphthylene[c]	100,000[a]	13 J	50 J	15 J	1.5 U	64 J	3.1 UJ	1.8 U	16 U	15 U	1.7 U	44 J	1.5 U	1.7 U	29 J	21 J	1.7 U	8.1 U	1.5 U	1.9 U
Acetophenone	NS	11 U	10 U	9.6 U	9.6 U	960 U	20 UJ	12 U	98 U	95 U	11 U	45 U	9.4 U	10 U	190 U	10 U	11 U	51 U	9.1 U	12 U
Anthracene[c]	100,000[a]	520	260	4.8 U	4.8 U	320 J	140 J	46 J	120 J	840 J	42 J	590 J	4.7 U	5.2 U	56 J	42 J	17 J	74 J	230	5.9 U
Atrazine	NS	9.6 U	8.8 U	8.3 U	8.3 U	42 U	17 UJ	10 U	85 U	82 U	9.4 U	39 U	8.2 U	9.1 U	8.5 U	9 U	9.2 U	44 U	7.9 U	10 U
Benzaldehyde	NS	24 U	22 U	21 U	21 U	100 UJ	42 UJ	25 U	210 U	200 UJ	23 U	96 UJ	20 UJ	22 J	21 UJ	22 UJ	23 U	110 U	19 U	25 U
Benzo(a)anthracene[c]	1,000[c]	1,000 J	760	80 J	17 J	1,400	210 J	100 J	620 J	2,400	18 J	1,400	15 J	23 J	570	240	100 J	430 J	630	4 U
Benzo(a)pyrene	1,000[c]	820	650	91 J	4.5 U	1,200	210 J	100 J	590 J	1,900	10 J	1,500	15 J	18 J	620	230	92 J	470 J	450	9.2 J
Benzo(b)fluoranthene[c]	1,000[c]	1,000	830	93 J	3.6 U	1,700	220 J	100 J	810 J	2,700	12 J	1,900	14 J	24 J	950	330	100 J	690 J	630	11 J
Benzo(ghi)perylene[c]	100,000[a]	480	430	160 J	54 J	680 J	170 J	80 J	320 J	690 J	11 J	570 J	8.6 J	12 J	320	140 J	57 J	290 J	200	2.8 U
Benzo(k)fluoranthene[c]	3,900	430	280	44 J	2.1 U	710 J	120 J	59 J	460 J	910 J	7 J	830 J	6.3 J	13 J	330	110 J	63 J	380 J	310	6.6 J
Biphenyl	NS	16 J	12 U	12 U	12 U	59 U	24 UJ	14 U	120 U	110 U	13 U	54 U	11 U	13 U	12 U	13 U	13 U	62 U	11 U	14 U
Bis(2-chloroisopropyl)ether	NS	22 U	21 U	20 U	20 U	100 U	40 UJ	23 U	200 U	190 U	22 U	91 U	19 U	21 U	20 U	21 U	22 U	100 U	19 U	24 U
Bis(2-chloroethoxy)methane	NS	12 U	11 U	10 U	10 U	52 U	21 UJ	12 U	100 U	100 U	12 U	48 U	10 U	11 U	10 U	11 U	11 U	54 U	9.6 U	13 U
Bis(2-chloroethyl)ether	NS	19 U	17 U	16 U	16 U	82 U	33 UJ	19 U	170 U	160 U	18 U	76 U	16 U	18 U	16 U	17 U	18 U	85 U	15 U	20 U
Bis(2-Ethylhexyl)phthalate	NS	260 J	1,200	60 U	60 U	310 U	120 UJ	72 U	620 U	590 U	68 U	280 U	59 U	66 U	61 U	65 U	67 U	320 U	57 U	74 U
Butyl benzyl phthalate	NS	58 UJ	53 U	50 U	50 U	260 U	100 UJ	60 U	510 U	500 U	57 U	230 U	49 U	55 U	51 U	54 U	56 U	270 U	48 U	62 U
Caprolactum	NS	93 U	85 U	81 U	81 U	410 U	170 UJ	97 U	830 U	800 U	92 U	380 U	80 U	88 U	83 U	87 U	90 U	430 U	77 U	100 U
Carbazole	NS	140 J	54 J	2.2 U	2.2 U	150 J	4.4 UJ	2.6 U	73 J	200 J	2.4 U	99 J	2.1 U	2.4 U	23 J	16 J	6.2 J	42 J	120 J	2.7 U
Chrysene[c]	3,900	930 J	760	66 J	20 J	1,500	190 J	110 J	700 J	2,400	14 J	1,500	16 J	19 J	640	270	100 J	510 J	560	2.3 U
Dibenzo(a,h)anthracene[c]	330[c]	140 J	91 J	2.2 U	2.2 U	11 U	35 J	25 J	23 U	22 U	2.5 U	180 J	2.2 U	2.4 U	94 J	43 J	34 J	110 J	2.1 U	2.7 U
Dibenzofuran[c]	59,000	160 J	43 J	2.0 U	2.0 U	56 J	140 J	14 J	20 U	110 J	2.2 U	68 J	1.9 U	2.1 U	5.6 J	6.8 J	2.2 U	10 U	71 J	2.4 U
Diethyl phthalate	NS	6.5 U	5.9 U	5.7 U	5.7 U	29 U	12 UJ	6.8 U	58 U	56 U	6.4 U	26 U	5.6 U	6.2 U	5.8 U	6.1 U	6.3 U	30 U	5.4 U	7 U
Dimethyl phthalate	NS	5.6 U	5.1 U	4.9 U	4.9 U	180 J	10 UJ	5.9 U	50 U	48 U	5.5 U	23 U	4.8 U	5.3 U	5 U	5.3 U	5.4 U	26 U	4.6 U	6 U
Di-n-butylphthalate	NS	74 U	68 U	65 U	65 U	330 U	130 UJ	78 U	660 U	640 U	73 U	300 U	64 U	71 U	66 U	70 U	72 U	340 U	61 U	80 U
Di-n-octylphthalate	NS	5.0 UJ	4.6 U	4.4 U	4.4 U	22 U	9 UJ	5.3 U	45 U	59 J	4.9 U	20 U	4.3 U	4.8 U	4.5 U	4.7 U	23 J	36 J	4.1 U	5.4 U
Fluoranthene[c]	100,000[a]	1,700	1,100	64 J	19 J	2,500	510 J	290	1,100 J	4,700	49 J	3,100	19 J	36 J	760	380	100 J	860 J	1,200	18 J
Fluorene	100,000[a]	240	92 J	4.3 U	4.3 U	91 J	160 J	24 J	44 U	260 J	20 J	190 J	4.2 U	4.7 U	4.4 U	9.8 J	8.9 J	23 U	130 J	5.3 U
Hexachlorobenzene	1,200	11 U	9.8 U	9.3 U	9.3 U	47 U	19 UJ	11 U	95 U	92 U	11 U	43 U	9.1 U	10 U	9.5 U	10 U	10 U	49 U	8.8 U	11 U
Hexachlorobutadiene	NS	11 U	10 U	9.6 U	9.6 U	49 U	20 UJ	11 U	98 U	94 U	11 U	45 U	9.4 U	10 U	9.8 U	10 U	11 U	51 U	9.1 U	12 U
Hexachlorocyclopentadiene	NS	65 U	59 U	57 U	57 U	290 U	120 UJ	68 U	580 U	560 U	64 U	260 U	56 U	62 U	58 U	61 U	63 U	300 U	54 U	70 U
Hexachloroethane	NS	17 U	15 U	15 U	15 U	74 U	30 UJ	17 U	150 U	140 U	16 U	68 U	14 U	16 U	15 U	16 U	16 U	76 U	14 U	18 U
Indeno(1,2,3-cd)Pyrene[c]	500[c]	600	460	140 J	5.2 U	570 J	140 J	65 J	280 J	600 J	9.4 J	480 J	8 J	8.8 J	280	120 J	53 J	230 J	190	7.2 J
Isophorone	NS	11 U	9.8 U	9.4 U	9.4 U	48 U	19 UJ	11 U	96 U	92 U	11 U	44 U	9.2 U	10 U	9.5 U	10 U	10 U	49 U	8.9 U	12 U
Naphthalene[c]	100,000[a]	65 J	27 J	3.1 U	3.1 U	52 J	23 J	3.7 U	32 U	95 J	3.5 U	52 J	3.1 U	3.4 U	14 J	3.4 U	3.4 U	16 U	34 J	3.8 U
Nitrobenzene	NS	9.5 U	8.7 U	8.3 U	8.3 U	42 U	17 UJ	10 U	85 U	82 U	9.4 U	39 U	8.2 U	9.1 U	8.5 U	8.9 U	9.2 U	44 U	7.9 U	10 U
n-Nitrosodi-n-propylamine	NS	17 U	16 U	15 U	15 U	76 U	30 UJ	18 U	150 U	150 U	17 U	69 U	15 U	16 U	15 U	16 U	16 U	78 U	14 U	18 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	12 U	11 U	10 U	10 U	52 U	21 UJ	12 U	100 U	100 U	12 U	48 U	10 U	11 U	10 U	11 U	11 U	54 U	9.7 U	13 U
Pentachlorophenol	6,700	74 U	67 U	64 U	64 U	330 U	130 UJ	77 U	660 U	630 U	73 U	300 U	63 U	70 U	65 U	69 U	71 U	340 U	61 U	79 U
Phenanthrene[c]	100,000[a]	1,600	840	38 J	3.9 U	1,400	250 J	130 J	590 J	4,300	86 J	2,300	15 J	21 J	230	210	52 J	380 J	870	26 J
Phenol	100,000[a]	23 U	21 U	20 U	20 U	100 U	40 UJ	24 U	200 U	190 U	22 U	92 U	19 U	22 U	20 U	21 U	22 U	100 U	19 U	24 U
Pyrene[c]	100,000[a]	2,100 J	1,600	93 J	26 J	2,400	470 J	290	1,000 J	4,900	38 J	2,800	18 J	27 J	690	400	100 J	630 J	860	17 J
Total SVOCs		12,467	9,685	884	136	15,211	3,184	1,533	6,773	27,401	323	17,846	135	224	5,663.6	2,581	925	5,152	6,714	99

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JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 3
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
EPA Method 8270

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-T-006			LT-T-007			LT-T-008			LT-T-009			LT-T-010			LT-T-011			LT-T-012		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	12-14'	0-2'	6-8'	14-16'	0-2'	6-8'	14-16'	0-2'	4-6'	12-14'	0-2'	2-4'	7-8.5'	0-2'	2-4'	6.5-8'	0-2'	2-4'	4-6'
Laboratory ID:	Restricted-Residential	480-55387-19	480-55387-20	480-55387-21	480-55387-13	480-55387-14	480-55387-15	480-55387-22	480-55387-23	480-55387-24	480-55387-37	480-55387-28	480-55387-39	480-55387-31	480-55387-32	480-55387-33	480-55387-34	480-55387-35	480-55387-36	480-55387-27	480-55387-28	480-55387-29
Sampling Date:	Use	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Semi-Volatile Organic Compounds																						
2,4,5-Trichlorophenol	NS	49 U	850 U	46 U	40 U	43 U	58 U	390 U	42 U	57 U	790 U	410 U	42 U	190 U	200 U	40 U	420 U	200 U	41 U	41 U	43 U	43 U
2,4,6-Trichlorophenol	NS	15 U	260 U	14 U	12 U	13 U	18 U	120 U	13 U	17 U	240 U	120 U	13 U	58 U	60 U	12 U	130 U	60 U	12 U	13 U	13 U	13 U
2,4-Dichlorophenol	NS	12 U	200 U	11 U	9.5 U	10 U	14 U	94 U	10 U	14 U	190 U	98 U	10 U	46 U	48 U	9.6 U	100 U	48 U	9.9 U	9.9 U	10 U	10 U
2,4-Dimethylphenol	NS	60 U	1,100 U	57 U	49 U	53 U	72 U	490 U	52 U	70 U	980 U	500 U	52 U	240 U	250 U	49 U	520 U	250 U	51 U	51 U	54 U	53 U
2,4-Dinitrophenol	NS	78 U	1,400 U	74 U	63 U	69 U	93 U	630 U	67 U	91 U	1,300 UJ	650 U	68 U	310 U	320 U	64 U	670 U	320 U	66 U	66 U	69 U	69 U
2,4-Dinitrotoluene	NS	34 U	600 U	33 U	28 U	31 U	41 U	280 U	30 U	40 U	560 U	290 U	30 U	140 U	140 U	28 U	300 U	140 U	29 U	29 U	31 U	30 U
2,6-Dinitrotoluene	NS	54 U	950 U	52 U	44 U	48 U	65 U	440 U	47 U	63 U	890 U	460 U	47 U	210 U	220 U	45 U	470 U	220 U	46 U	46 U	48 U	48 U
2-Chloronaphthalene	NS	15 U	260 U	14 U	12 U	13 U	18 U	120 U	13 U	17 U	240 U	130 U	13 U	59 U	61 U	12 U	130 U	61 U	13 U	13 U	13 U	13 U
2-Chlorophenol	NS	11 U	200 U	11 U	9.2 U	10 U	14 U	91 U	9.8 U	13 U	180 U	95 U	9.9 U	45 U	46 U	9.3 U	97 U	47 U	9.6 U	9.6 U	10 U	10 U
2-Methylnaphthalene	NS	2.7 U	47 U	2.6 U	2.2 U	2.4 U	3.2 U	22 U	44 J	16 J	44 U	23 U	2.3 U	11 U	11 U	2.2 U	23 U	120 J	2.3 U	44 J	2.4 U	2.4 U
2-Methylphenol	NS	6.8 U	120 U	6.5 U	5.6 U	6.1 U	8.2 U	55 U	5.9 U	8 U	110 U	57 U	6 U	27 U	28 U	5.6 U	59 U	28 U	5.8 U	5.8 U	6.1 U	6 U
2-Nitroaniline	NS	71 U	1,200 U	68 U	58 U	63 U	86 U	580 U	62 U	83 U	1,200 U	600 U	62 U	280 U	290 U	59 U	610 U	290 U	61 U	61 U	64 U	63 U
2-Nitrophenol	NS	10 U	180 U	9.7 U	8.3 U	9 U	12 U	82 U	8.8 U	12 U	170 U	85 U	8.9 U	40 U	42 U	8.4 U	87 U	42 U	8.7 U	8.7 U	9.1 U	9 U
3,3'-Dichlorobenzidine	NS	200 U	3,400 U	190 U	160 U	170 U	230 U	1,600 U	170 U	230 U	3,200 U	1,600 U	170 U	770 U	800 U	160 U	1,700 U	800 U	170 U	170 U	170 U	170 U
3-Nitroaniline	NS	51 U	890 U	49 U	42 U	45 U	61 U	410 U	44 U	60 U	840 U	430 U	45 U	200 U	210 U	42 U	440 U	210 U	44 U	44 U	46 U	45 U
4,6-Dinitro-o-cresol[c]	100,000[a]	77 U	1,300 U	73 U	63 U	68 U	92 U	620 U	67 U	90 U	1,300 U	650 U	67 U	300 U	310 U	63 U	660 U	320 U	65 U	65 U	68 U	68 U
4-Bromophenyl phenyl ether	NS	71 U	1,200 U	67 U	58 U	63 U	85 U	570 U	61 U	83 U	1,200 U	590 U	62 U	280 U	290 U	58 U	610 U	290 U	60 U	60 U	63 U	62 U
4-Chloro-3-methylphenol	NS	9.2 U	160 U	8.7 U	7.5 U	8.1 U	11 U	74 U	7.9 U	11 U	150 U	77 U	8 U	36 U	38 U	7.5 U	78 U	38 U	7.8 U	7.8 U	8.2 U	8.1 U
4-Chloroaniline	NS	65 U	1,100 U	62 U	53 U	58 U	78 U	530 U	57 U	76 U	1,100 U	550 U	57 U	260 U	270 U	54 U	560 U	270 U	56 U	56 U	58 U	58 U
4-Chlorophenyl phenyl ether	NS	4.7 U	83 U	4.5 U	3.9 U	4.2 U	5.7 U	38 U	4.1 U	5.5 U	77 U	40 U	4.1 U	19 U	19 U	3.9 U	41 U	20 U	4 U	4 U	4.2 U	4.2 U
4-Methylphenol	NS	12 U	220 U	12 U	10 U	11 U	15 U	100 U	11 U	14 U	200 U	100 U	11 U	49 U	51 U	10 U	110 U	51 U	11 U	11 U	11 U	11 U
4-Nitroaniline	NS	25 U	430 U	24 U	20 U	22 U	30 U	200 U	22 U	29 U	410 U	210 U	22 U	98 U	100 U	20 U	210 U	100 U	21 U	21 U	22 U	22 U
4-Nitrophenol	NS	54 U	940 U	51 U	44 U	48 U	65 U	440 U	47 U	63 U	880 U	450 U	47 U	210 U	220 U	44 U	460 U	220 U	46 U	46 U	48 U	48 U
Acenaphthene	100,000[a]	6.3 J	46 U	2.5 U	15 J	4.8 J	10 J	73 J	150 J	80 J	43 U	22 U	2.3 U	10 U	31 J	2.2 U	22 U	720 J	11 J	9.6 J	2.3 U	2.3 U
Acenaphthylene[f]	100,000[a]	9 J	32 U	1.7 U	32 J	1.6 U	2.2 U	15 U	23 J	15 J	30 U	15 U	1.6 U	7.2 U	7.5 U	1.5 U	16 U	8 U	1.5 U	1.5 U	1.6 U	1.6 U
Acetophenone	NS	11 U	200 U	11 U	9.3 U	10 U	14 U	92 U	9.9 U	13 U	190 U	96 U	9.9 U	45 U	47 U	9.4 U	98 U	47 U	9.7 U	9.7 U	10 U	10 U
Anthracene[f]	100,000[a]	19 J	100 U	7.2 J	52 J	14 J	15 J	160 J	480	180 J	93 U	48 U	5 U	50 J	82 J	4.7 U	52 J	1,300	25 J	23 J	23 J	5 U
Atrazine	NS	9.9 U	170 U	9.4 U	8.1 U	8.8 U	12 U	80 U	8.6 U	12 U	160 U	83 U	8.6 U	39 U	41 U	8.1 U	85 U	41 U	8.4 U	8.4 U	8.8 U	8.7 U
Benzaldehyde	NS	24 U	430 U	23 U	20 U	200 U	270 U	200 U	21 UJ	28 U	400 UJ	200 U	21 U	96 U	100 U	20 U	210 U	100 UJ	21 U	21 UJ	22 UJ	22 UJ
Benzo(a)anthracene[f]	1,000[c]	54 J	550 J	28 J	270	52 J	60 J	610 J	1,100 J	420	410 J	220 J	3.3 U	340 J	340 J	3.2 U	370 J	4,100	87 J	65 J	3.4 U	64 J
Benzo(a)pyrene	1,000[c]	57 J	450 J	19 J	260	46 J	48 J	650 J	890 J	370	530 J	45 U	4.7 U	440 J	350 J	10 J	440 J	3,900 J	75 J	74 J	9.9 J	50 J
Benzo(b)fluoranthene[f]	1,000[c]	82 J	600 J	26 J	400	89 J	67 J	890 J	1,000 J	430	600 J	36 U	3.8 U	730 J	540 J	12 J	630 J	7,300 J	120 J	120 J	13 J	77 J
Benzo(ghi)perylene[f]	100,000[a]	34 J	470 J	13 J	130 J	33 J	28 J	290 J	380	150 J	44 U	22 U	2.3 U	160 J	110 J	2.2 U	230 J	1,400 J	37 J	39 J	2.4 U	20 J
Benzo(k)fluoranthene[f]	3,900	25 J	190 J	14 J	170 J	32 J	36 J	350 J	440	170 J	530 J	21 U	2.1 U	300 J	170 J	11 J	370 J	3,100 J	55 J	36 J	11 J	29 J
Biphenyl	NS	14 U	240 U	13 U	11 U	12 U	17 U	110 U	15 J	16 U	230 U	120 U	12 U	55 U	57 U	11 U	120 U	57 U	12 U	12 U	12 U	12 U
Bis(2-chloroisopropyl)ether	NS	23 U	410 U	22 U	19 U	21 U	28 U	190 U	20 U	27 U	380 U	200 U	20 U	92 U	95 U	19 U	200 U	96 U	20 U	20 U	21 U	20 U
Bis(2-chloroethoxy)methane	NS	12 U	210 U	12 U	9.9 U	11 U	15 U	98 U	10 U	14 U	200 U	100 U	11 U	48 U	50 U	10 U	100 U	50 U	10 U	10 U	11 U	11 U
Bis(2-chloroethyl)ether	NS	19 U	340 U	18 U	16 U	17 U	23 U	160 U	17 U	22 U	310 U	160 U	17 U	76 U	79 U	16 U	160 U	79 U	16 U	16 U	17 U	17 U
Bis(2-Ethylhexyl)phthalate	NS	72 U	1,300 U	68 U	58 U	64 U	86 U	580 U	62 U	84 U	1,200 U	600 U	62 U	280 U	290 U	59 U	610 U	300 U	61 U	61 U	64 U	63 U
Butyl benzyl phthalate	NS	60 U	1,000 U	57 U	49 U	53 U	72 U	480 U	52 U	70 U	980 U	500 U	52 U	240 U	240 U	49 U	510 U	250 U	51 U	51 U	53 U	53 U
Caprolactum	NS	96 U	1,700 U	92 U	78 U	86 U	120 U	780 U	83 U	110 U	1,600 U	810 U	84 U	380 U	390 U	79 U	830 U	400 U	82 U	82 U	86 U	85 U
Carbazole	NS	10 J	45 U	2.5 U	18 J	2.3 U	3.1 U	21 U	79 J	37 J	42 U	22 U	2.2 U	30 J	11 U	2.1 U	22 U	940	9.7 J	9.3 J	2.3 U	2.3 U
Chrysene[f]	3,900	73 J	370 J	25 J	270	57 J	58 J	560 J	1,200 J	450	530 J	180 J	1.9 U	370 J	340 J	9.3 J	500 J	4,400	82 J	76 J	12 J	71 J
Dibenzo(a,h)anthracene[f]	330[e]	2.6 U	46 U	2.5 U	41 J	12 J	14 J	21 U	2.3 U	3.1 U	290 J	22 U	2.3 U	10 U	11 U	2.2 U	22 U	11 UJ	2.2 U	2.2 U	2.3 U	2.3 U
Dibenzofuran[f]	59,000	2.3 U	40 U	2.2 U	6.6 J	2.1 U	2.8 U	19 U	44 J	20 J	38 U	19 U	2 U	9.1 U	9.5 U	1.9 U	20 U	430 J	2 U	11 J	36 J	2 U
Diethyl phthalate	NS	6.7 U	120 U	6.4 U	5.5 U	6 U	8.1 U	54 U	5.8 U	7.8 U	110 U	56 U	5.9 U	27 U	28 U	5.5 U	58 U	28 U	5.7 U	5.7 U	6 U	5.9 U
Dimethyl phthalate	NS	5.8 U	100 U	5.5 U	4.7 U	5.2 U	7 U	47 U	5 U	6.8 U	95 U	49 U	5.1 U	23 U	24 U	4.8 U	50 U	24 U	4.9 U	4.9 U	5.2 U	5.1 U
Di-n-butylphthalate	NS	77 U	1,300 U	73 U	63 U	68 U	92 U	620 U	67 U	90 U	1,300 U	650 U	67 U	300 U	320 U	63 U	660 U	320 U	65 U	65 U	68 U	68 U
Di-n-octylphthalate	NS	5.2 U	91 U	5 U	4.2 U	4.6 U	6.2 U	42 U	4.5 U	6.1 U	85 U	44 U	4.5 U	21 U	21 U	4.3 U	45 U	21 U	4.4 U	4.4 U	4.6 U	4.6 U
Fluoranthene[f]	100,000[a]	100 J	650 J	40 J	440	92 J	94 J	1,000 J	2,200 J	920	530 J	210 J	2.8 U	540 J	650 J	11 J	690 J	10,000	160 J	98 J	31 J	190 J
Fluorene	100,000[a]	8.8 J	90 U	4.9 U	13 J	4.6 U	6.1 U	41 U	150 J	66 J	84 U	43 U	4.5 U	20 U	21 U	4.2 U	44 U	640 J	9.6 J	4.4 U	4.6 U	4.5 U
Hexachlorobenzene	1,200	11 U	190 U	11 U	9 U	9.8 U	13 U	89 U	9.6 U	13 U	180 U	93 U	9.6 U	44 U	45 U	9.1 U	95 U	46 U	9.4 U	9.4 U	9.8 U	9.7 U
Hexachlorobutadiene	NS	11 U	200 U	11 U	9.3 U	10 U	14 U	92 U	9.9 U	13 U	190 U	96 U	9.9 U	45 U	47 U	9.4 U	98 U	47 U	9.7 U	9.7 U	10 U	10 U
Hexachlorocyclopentadiene	NS	67 U	1,200 U	64 U	55 U	60 U	81 U	540 U	58 U	78 U	1,100 UJ	560 U	59 U	270 U	280 U	55 U	580 U	280 U	57 U	57 U	60 U	59 U
Hexachloroethane	NS	17 U	300 U	16 U	14 U	15 U	21 U	140 U	15 U	20 U	280 U	140 U	15 U	68 U	71 U	14 U	150 U	71 U	15 U	15 U	15 U	15 U
Indeno(1,2,3-cd)Pyrene[f]	500[c]	30 J	360 J	12 J	110 J	26 J	23 J	270 J	300	130 J	780 J	52 U	5.4 U	170 J	110 J	5.1 U	180 J	1,200 J	28 J	34 J	5.5 U	16 J
Isophorone	NS	11 U	190 U	11 U	9.1 U	9.9 U	13 U	90 U	9.6 U	13 U	180 U	93 U	9.7 U	44 U	46 U	9.1 U	95 U	46 U	9.5 U	9.5 U	9.9 U	9.8 U
Naphthalene[f]	100,000[a]	3.7 U	65 U	3.5 U	3 U	3.3 U	4.4 U	30 U	40 J	26 J	60 U	31 U	3.2 U	15 U	15 U	3 U	32 U	350 J	3.2 U	23 J	3.3 U	3.3 U
Nitrobenzene	NS	9.9 U	170 U	9.4 U	8 U	8.8 U	12 U	80 U	8.5 U	12 U	160 U	83 U	8.6 U	39 U	40 U	8.1 U	85 U	41 U	8.4 U	8.4 U	8.8 U	8.7 U
n-Nitrosodi-n-propylamine	NS	18 U	310 U	17 U	14 U	16 U	21 U	140 U	15 U	21 U	290 U	150 U	15 U	69 U	72 U	14 U	150 U	73 U	15 U	15 U	16 U	16 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	12 U	210 U	12 U	9.9 U	11 U	15 U	98 U	11 U	14 U	200 U	100 U	11 U	48 U	50 U	10 U	100 U	50 U	10 U	10 U	11 U	11 U
Pentachlorophenol	6,700	76 U	1,300 U	73 U	62 U	68 U	91 U	620 U	66 U	89 U	1,200 U	640 U	66 U	300 U	310 U	63 U	650 U	310 U	65 U	65 U	68 U	67 U
Phenanthrene[f]	100,000[a]	77 J	370 J	25 J	190	64 J	46 J	700 J	2,200 J	810	180 J	130 J	4.1 U	170 J	390 J	8.7 J	310 J	6,800	120 J	73 J	45 J	4.1 U
Phenol	100,000[a]	23 U	410 U	22 U	19 U	21 U	28 U	190 U	20 U	27 U	380 U	200 U	20 U	92 U	96 U	19 U	200 U	96 U	20 U	20 U	21 U	21 U
Pyrene[f]	100,000[a]	87 J	580 J	32 J	350	82 J	83 J	800 J	2,300 J	940	650 J	240 J	1.3 U	430 J	590 J	9 J	540 J	7,200	140 J	85 J	32 J	180 J
Total SVOCs		672	4,590	241	2,768	628.8	616	6,353	13,035	5,230	5,030	980	ND	3,730	3,703	71	4,312	53,900	959	820	213	697

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 37
a - The SCOs for residential, restricted-residential and ecological re
c - The SCOs for industrial use and protection of groundwater were
e - For constituents where the calculated SCO was lower than the
f - For constituents where the calculated SCO was lower than the r
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the prima
JN - The analysis indicated the presence of a compound that has
R - Data rejected ® on the basis of an unacceptable QC analysis s
U - The analyte was analyzed for, but due to blank contamination
UJ - The analyte was not detected above the reported sample qu
Highlighted text denotes concentrations exceeding NYSDEC Restri

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-X-001			LT-X-002			LT-X-003			LT-X-004			LT-X-005			LT-X-006			LT-X-007			LT-X-008			LT-X-009			LT-X-010			LT-X-011		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-53471-2	480-53471-3	480-53471-4	480-53536-1	480-53536-2	480-53536-3	480-53536-6	480-53536-7	480-53536-8	480-53536-11	480-53536-12	480-53536-13	480-53536-14	480-53536-15	480-53536-16	480-53536-17	480-53536-18	480-53536-19	480-53536-20	480-53536-21	480-53536-22	480-53877-7	480-53877-8	480-53877-9	480-53877-10	480-53877-11	480-53877-12	480-53190-1	480-53190-2	480-53190-03
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/13/2014	1/13./2014	1/13/2014
Total Metals (mg/kg)																																		
Aluminum, Total	NS	7,700 J	6,930 J	2,320 J	9,900 J	6,030 J	6,190 J	7,310 J	9,340 J	10,300 J	3,550 J	4,030 J	1,840 J	2,240 J	3,760 J	5,800 J	2,530 J	3,750 J	11,600 J	9,300 J	3,850 J	4,60 J	4,640 J	5,000 J	7,600 J	10,200 J	6,230 J	14,400 J	3,870 J	6,370 J	4,380 J
Antimony, Total	NS	1.5 J	1.1 J	0.47 U	0.50 UJ	1.2 J	0.52 UJ	0.45 UJ	0.48 UJ	0.38 UJ	0.91 J	0.44 UJ	0.43 UJ	3.9 J	0.61 J	0.44 UJ	2.4 J	1.6 J	0.53 UJ	0.73 J	0.44 U	0.43 U	0.43 U	0.69 J	0.47 U	0.40 U	0.48 U	0.48 U	0.48 U	0.47 U	0.42 U
Arsenic, Total	24*	8.4 J	6.1 J	12.8	2.4 J	15.4	2.5 J	3.9 J	2.3 J	1.6 J	3.3 J	2.2 J	3.4 J	9.2 J	2.8 J	2.0 J	11.7	4.9 J	2.4 J	4.9 J	1.2 J	3.9 J	2.5 J	3.0 J	1.3 J	3.2 J	2.4 J	5.3 J	1.0 J	2.2 J	3.7 J
Barium, Total	400	47.4	38.2	9.0	38.1	20.1	46.8	37.1	33.0	46.7	29.1	19.4	18.6	20.1	62.7	58.0	11.0	20.5	69.1	58.6	20.7	22.6	36.2 J	44.1 J	56.4 J	41.3 J	33.8 J	74.2 J	23.0	66.6	27.2
Beryllium, Total	72	0.30 J	0.26 J	0.26 J	0.18 J	0.17 J	0.21 J	0.32 J	0.28 J	0.027 U	0.17 J	0.19 J	0.15 J	0.12 J	0.16 J	0.18 J	0.092 J	0.16 J	0.50 J	0.28 J	0.25 J	0.20 J	0.26 J	0.28 J	0.40 J	0.48 J	0.36 J	0.73 J	0.12 J	0.32 J	0.27 J
Cadmium, Total	4.3	0.49 J	0.27 J	1.7	0.041 J	0.097 J	0.10 J	0.058 J	0.036 U	0.029 U	0.24 J	0.033 J	0.057 J	0.34 J	0.17 J	0.085 J	0.31 J	0.23 J	0.066 J	0.80 J	0.047 J	0.054 J	0.095 J	0.065 J	0.071 J	0.030 U	0.044 J	0.036 U	0.059 J	0.064 J	0.099 J
Calcium, Total	NS	5,910 BJ	727 BJ	292 U	996 BJ	468 BJ	1,150 BJ	4,320 BJ	708 BJ	1,660 BJ	480 BJ	275 U	358 BJ	4,060 BJ	648 BJ	625 BJ	8,170 BJ	428 BJ	1,890 BJ	857 B	298 B	935 B	969 B	1,140 B	1,790 B	1,290 B	1,210 B	883 B	297 U	1,290 B	1,310 B
Chromium, Total[e]	180	13.7	14.0	8.2	15.1	10.7	16.5	14.8	15.1	11.3	7.3	8.0	5.0	5.6	7.0	10.4	6.2	7.9	23.0	17.4	9.2	11.5	8.9	11.2	15.0	21.4	12.8	24.3	8.8	13.1	16.5
Cobalt, Total	NS	9.4	5.0	2.1 J	4.9	3.7	5.5	7.6	6.1	5.9	2.8	3.9	34.3	3.1	3.5	4.8	3.8	4.1	7.9	6.7	3.3	3.8	3.7	3.9	4.4	5.2	4.0	8.4	2.7 J	4.0	8.9
Copper, Total	270	31.4	21.5	38.2	10	10	11.3	11.5	9.4	4.8	9.7	5.9	5.2 J	30.5	9.4	12.5	38.3	12.0	14.6	17.9 B	10.1 B	7.9 B	10.6 B	9.7 B	11.1 B	9.9 B	7.8 B	14.8 B	8.9	8.5	8.2
Iron, Total	NS	12,000 B	10,500 B	11,000 B	11,800 J	8,230 J	11,000 J	14,900 J	16,000 J	28,600 J	7,430 J	9,710 J	9,500 J	7,750 J	8,210 J	8,920 J	7,460 J	6,390 J	14,100 J	14,500 B	10,300 B	13,400 B	8,600 B	11,900 B	13,700 B	17,100 B	12,000 B	29,300 B	5,660 BJ	8,890 BJ	8,800 BJ
Lead, Total	400	70.1	19.0	1.7 J	5.9 J	5.3 J	4.9 J	10.3	4.5 J	3.4 J	36.3	6.3	1.5 J	120	16.8	6.5	105	22.1	9.6	25.9	2.6 J	3.6 J	21.1	25.4	7.0	10.6	3.9 J	8.2	8.1	4.1 J	3.3 J
Magnesium, Total	NS	2,860	1,840	691	2,190 J	1,390 J	2,190 J	3,460 J	2,140 J	4,440 J	912 J	732 J	543 J	2,390 J	1,070 J	1,500 J	5,100 J	918 J	3,990 J	1,890 J	810 J	1,660 J	1,170 J	1,190 J	2,690 J	3,100 J	2,000 J	4,260 J	839	2,490	2,010
Manganese, Total	2,000[f]	246	247	68.6	320 BJ	288 BJ	115 BJ	369 BJ	239 BJ	264 BJ	166 BJ	433 BJ	489 BJ	243 BJ	1,300 BJ	426 BJ	155 BJ	195 BJ	158 BJ	832	123 J	55.5 J	206 J	254 J	88.2 J	162 J	218 J	455 J	143	399	144
Nickel, Total	310	13.0 J	8.7 J	5.7 J	10.8 J	7.0 J	18.3 J	13.2 J	10 J	8.8 J	4.3 J	4.3 J	13.5 J	6.3 J	11.7 J	10.0 J	7.4 J	5.6 J	20.4 J	9.5 J	5.3 J	8.1 J	5.5 J	6.0 J	10.7 J	11.5 J	8.4 J	17.3 J	4.1 J	6.6 J	16.1 J
Potassium, Total	NS	864	874	601	1,250 J	848 J	1,430 J	593 J	1,110 J	5,920 J	492 J	346 J	428 J	296 J	431 J	679 J	315 J	407 J	1,320 J	839	462	682	556	632	791	1,460	1,500	2,910	465	955	763
Selenium, Total	180	1.1 J	1.1 J	0.47 U	0.50 U	1.9 J	0.52 U	0.72 J	0.48 U	0.38 U	0.43 U	0.44 U	0.43 U	0.61 J	0.44 U	0.44 U	0.99 J	0.44 U	0.53 U	0.43 U	0.44 U	0.43 U	0.43 U	0.41 U	0.47 U	0.40 U	0.48 U	0.48 U	0.48 U	0.47 U	0.42 U
Silver, Total	180	0.24 J	0.23 U	0.23 U	0.25 U	0.24 U	0.26 U	1.2 J	0.24 U	0.19 U	0.21 U	0.22 U	0.22 U	0.42 J	0.22 U	0.22 U	0.61 J	0.30 J	0.26 U	0.22 U	0.22 U	0.21 U	0.22 U	0.21 U	0.24 U	0.20 U	0.24 U	0.24 U	0.24 U	0.23 U	0.21 U
Sodium, Total	NS	639 J	102 J	26.0 J	78.9 J	32.8 J	52.9 J	285 J	150 J	72.8 J	542 J	271 J	60.5 J	157 J	248 J	246 J	451 J	295 J	250 J	504 J	151 J	43.6 J	484 J	484 J	246 J	810	257 J	128 J	27.4 J	68.4 J	57.5 J
Thallium, Total	NS	0.35 U	0.35 U	0.35 U	0.37 U	0.37 U	0.39 U	0.34 U	0.36 U	0.29 J	0.32 U	0.33 U	0.32 U	0.30 U	0.33 U	0.33 U	0.31 U	0.33 U	0.40 U	0.33 U	0.33 U	0.32 U	0.32 U	0.31 U	0.36 U	0.30 U	0.36 U	0.36 U	0.36 U	0.35 U	0.31 U
Vanadium, Total	NS	19.8	19.0	15.0	19.8	17.0	21.5	23.1	21.8	32.7	10.9	9.8	7.5	24.0	10.5	12.7	18.0	10.8	29.5	23.2	12.3	14.0	15.8	15.8	19.6	25.6	20.2	33.8	9.5	17.9	21.6
Zinc, Total	10,000[e]	71.5 BJ	32.8 BJ	37.2 BJ	28.4 BJ	92.2 BJ	32.1 BJ	24.3 BJ	26.0 BJ	42.7 BJ	24.6 BJ	13.0 BJ	11.4 BJ	36.3 BJ	20.0 BJ	30.0 BJ	37.1 BJ	32.1 BJ	47.3 BJ	42.4 BJ	17.0 BJ	25.1 BJ	23.6 BJ	26.7 BJ	37.6 BJ	35.5 B	22.4 B	47.1 B	14.6 B	25.3 B	31.5 B
Mercury, Total	0.81[j]	0.099	0.13	0.0083 U	0.011 U	0.016 J	0.0094 U	0.020 J	0.0089 U	0.0086 U	0.015 J	0.0085 U	0.0096 U	0.071	0.018 J	0.012 J	0.063	0.043	0.011 U	0.083	0.0090 U	0.0092 U	0.021 J	0.016 J	0.014 J	0.013 J	0.0086 U	0.010 J	0.0090 UJ	0.0089 UJ	0.0086 UJ

Client Sample ID:	NYSDEC [1]	LT-XC-002			LT-XC-003			LT-XC-004			LT-XC-005			LT-XC-006			LT-XC-007			LT-XC-008			LT-XC-009			LT-XC-010			LT-XC-011		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	480-53190-4	480-53190-5	480-53190-5	480-53190-8	480-53190-9	480-53190-10	480-53297-4	480-53297-5	480-53297-6	480-53782-8	480-53782-9	480-53782-10	480-5380-1	480-5380-2	480-5380-3	480-53830-4	480-53830-5	480-53830-6	480-53830-7	480-53830-8	480-53830-9	480-53830-10	480-53830-11	480-53830-12	480-53830-14	480-53830-15	480-53830-16	480-53190-17	480-53830-18	480-53830-19
Sampling Date:	Use	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	6,730 J	4,510 J	2,260 J	2,020 J	772 J	868 J	18,900 J	17,400 J	15,800 J	5,960 J	7,390 J	6,040 J	10,700 J	6,980 J	4,400 J	8,050 J	6,170 J	5,750 J	6,080 J	3,920 J	1,440 J	18,400 J	5,450 J	3,670 J	6,580 J	12,800 J	2,470 J	9,610 J	23,200	15,900
Antimony, Total	NS	0.47 U	0.46 U	0.46 U	0.44 U	0.43 U	0.42 U	0.44 UJ	0.43 UJ	0.45 UJ	0.62 J	0.53 J	0.45 UJ	0.89 J	0.49 U	0.43 U	0.47 U	0.43 U	0.56 U	2.0 J	0.47 U	0.44 U	0.49 U	0.43 U	0.46 U	0.42 U	0.51 U	0.40 U	0.47 U	0.52 U	0.47 U
Arsenic, Total	24*	3.5 J	1.5 J	0.94 J	1.4 J	1.0 J	1.6 J	6.7 J	5.9 J	3.4 J	4.3 J	5.6 J	2.3 J	6.6 J	3.6 J	1.5 J	6.8 J	4.4 J	2.1 J	9.1 J	1.4 J	2.2 J	7.7 J	2.2 J	3.7 J	3.1 J	2.9 J	1.8 J	6.9 J	11.1 J	4.0 J
Barium, Total	400	44.8	31.3	14.8	10.5	3.9	3.1	156 J	147 J	149 J	44.8 J	55.8 J	41.4 J	47.0	16.4 J	14.1 J	95.3	31.2	50.0	31.2	24.8	9.3 J	68.2	17.9	20.9 J	36.4	41.1	15.1	50.5	169	161
Beryllium, Total	72	0.34 J	0.25 J	0.16 J	0.21 J	0.068 J	0.13 J	1.0 J	0.80 J	0.95 J	0.35 J	0.40 J	0.31 J	0.47 J	0.25 J	0.18 J	0.42 J	0.11 J	0.26 J	0.31 J	0.17 J	0.15 J	0.57 J	0.23 J	0.50 J	0.34 J	0.26 J	0.36 J	0.66 J	3.1	0.48 J
Cadmium, Total	4.3	0.41 J	0.12 J	0.064 J	0.18 J	0.032 U	0.050 J	0.77 J	1.5	0.26 J	0.19 J	0.15 J	0.079 J	0.21 J	0.037 U	0.071 J	0.300 J	0.032 U	0.11 J	0.18 J	0.035 U	0.033 U	0.037 U	0.032 U	0.034 U	0.053 J	0.050 J	0.030 U	0.230 J	0.14 J	0.035 U
Calcium, Total	NS	402 B	299 B	289 U	199 JB	270 U	263 U	2,710 B	2,340 B	2,860 B	745 BJ	865 BJ	1,100 BJ	545 BJ	490 BJ	394 BJ	933 BJ	400 BJ	1,370 BJ	529 BJ	443 BJ	275 U	307 U	268 U	285 U	685 B	1,240 B	326 B	1,210 B	2,490 B	2,080 B
Chromium, Total[e]	180	11.0	7.3	5.7	4.1	2.0 J	3.7	43.4	39.6	32.6	13.8 J	16.4 J	15.2 J	20.9	17.5	7.3	19.9	16.8	12.5	13.0	8.6	4.5	33.0	10.6	9.8	14.2	23.8	7.5	17.5	56.6	41.3
Cobalt, Total	NS	8.7	6.9	0.82 J	2.0 J	0.61 J	0.78 J	20.8	17.0	9.7	5.5	8.5	4.2	13.9	4.8	4.4	13.5	1.8 J	4.5	12.2	2.6 J	1.5 J	13.4	7.4	3.0	6.0	4.6	2.8	4.6	15.3	12.6
Copper, Total	270	42.8	27.9	23.4	4.9 J	2.3 J	11.1	110	98.3	75.6	39.6 J	50.2 J	11.6 J	30.6	6.5	4.8 J	20.3	8.3	7.5	18.3	4.5 J	3.8 J	17.4	6.7	8.3	8.2	8.5	5.3	29.7	74.1	28.6
Iron, Total	NS	15,300 BJ	11,000 BJ	6,760 BJ	5,990 BJ	2150 BJ	6580 BJ	36,700 J	35,500 J	25,400 J	11,000 B	15,500 B	7,720 B	20,500 BJ	13,700 BJ	7,730 BJ	16,200 BJ	13,400 BJ	9,090 BJ	12,900 BJ	7,210 BJ	8,480 BJ	31,100 BJ	12,400 BJ	12,300 BJ	11,800 BJ	12,600 BJ	12,700 BJ	14,400 BJ	66,000 B	30,500 B
Lead, Total	400	3.3 J	3.2 J	1.7 J	2.2 J	0.86 J	0.87 J	12.7	9.6	12.0	7.8 J	7.8 J	5.0 J	14.6	4.2 J	2.7 J	6.1	4.4 J	4.5 J	27.4	2.1 J	1.4 J	14.1	3.4 J	2.3 J	6.1	8.4	2.4 J	6.3	23.0	7.6
Magnesium, Total	NS	1,260	865	442	427	84.6 J	101 J	7,660	7,120	6,080	1,580 J	1,800 J	2,180 J	2,620 J	1,300 J	860 J	2,370 J	1,270 J	2,470 J	1,220 J	1,180 J	299 J	5,240 J	1,260 J	1,230 J	1,730	2,730	747	2,020	7,680	7,630
Manganese, Total	2,000[f]	667	664	47.2	173	34.0	106	831 B	767 B	262 B	201	206	89.7	286 BJ	353 BJ	307 BJ	366 BJ	99.1 BJ	111 BJ	149 BJ	286 BJ	102 BJ	595 BJ	266 BJ	84.1 BJ	165 BJ	515 BJ	85.0 BJ	166 BJ	354	248
Nickel, Total	310	9.5 J	5.8 J	2.9 J	3.9 J	1.0 J	1.2 J	44.4	43.1	27.6 J	11.6 J	19.0 J	8.3 J	22.8 J	6.2 J	4.2 J	12.7 J	5.2 J	8.5 J	39.4	6.1 J	2.2 J	17.8 J	5.9 J	5.8 J	11.1 J	10.1 J	4.6 J	10.3 J	42.8	30.5
Potassium, Total	NS	635	530	294	356	99.7 J	71.4 J	5,750	5,710	4,180	757 J	919 J	1,110 J	1,140 J	412 J	384 J	1,440 J	409 J	851 J	409 J	744 J	215 J	2,340 J	499 J	446 J	717	772	435	681	6760	5,650
Selenium, Total	180	0.47 U	0.46 U	0.46 U	0.44 U	0.43 U	0.42 U	0.44 U	0.43 U	0.45 U	0.49 U	0.43 U	0.45 U	0.74 J	0.49 U	0.43 U	0.47 U	0.43 U	0.56 U	1.1 J	0.47 U	0.44 U	0.49 U	0.43 U	0.46 U	0.42 U	0.51 U	0.40 U	0.47 U	0.52 U	0.47 U
Silver, Total	180	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.21 U	0.22 U	0.21 U	0.22 U	0.25 U	0.22 U	0.22 U	0.24 U	0.25 U	0.21 U	0.23 U	0.21 U	0.28 U	0.21 U	0.24 U	0.22 U	0.25 U	0.21 U	0.23 U	0.21 U	0.26 U	0.20 U	0.24 U	0.26 U	0.23 U
Sodium, Total	NS	29.6 J	35.2 J	21.3 J	19.6 J	14.0 U	13.7 U	157 J	149 J	173 J	860 U	760 U	780 U	856 U	858 U	748 U	814.0 U	744 U	979 U	748 U	828 U	769 U	859 U	749 U	799 U	737.0 U	895 U	698 U	824 U	906 U	822 U
Thallium, Total	NS	0.35 U	0.34 U	0.35 U	0.33 U	0.32 U	0.32 U	0.33 U	0.32 U	0.33 U	0.37 U	0.33 U	0.33 U	0.37 U	0.37 U	0.32 U	0.35 U	0.32 U	0.42 U	0.32 U	0.35 U	0.33 U	0.37 U	0.32 U	0.34 U	0.32 U	0.38 U	0.30 U	0.35 U	0.39 U	0.35 U
Vanadium, Total	NS	16.3	10.3	7.4	7.7	2.4 J	3.5	53.7	50.6	31.2	17.2	20.9	18.4	28.3	18.4	9.0	24.2	24.0	16.8	17.2	9.4	4.8	53.1	14.2	10.6	16.7	23.0	8.1	22.0	110	51.4
Zinc, Total	10,000[e]	35.1 B	14.9 B	11.6 U	12.1 B	10.8 U	10.5 U	96.2 BJ	116 BJ	72.8 BJ	35.2 BJ	52.3 BJ	27.0 BJ	41.9 B	18.6 B	18.0 B	44.6 B	14.9 B	35.8 B	29.5 B	12.7 B	11.0 U	55.1 B	14.2 B	15.4 B	23.3 B	28.5 B	11.8 B	38.6 B	105 B	67.7 B
Mercury, Total	0.81[j]	0.0084 UJ	0.0081 UJ	0.0090 UJ	0.0084 UJ	0.0081 UJ	0.0084 UJ	0.0087 UJ	0.0082 UJ	0.0087 UJ	0.0086 U	0.027	0.0087 U	0.016 J	0.0087 U	0.0088 U	0.0092 U	0.015 J	0.011 U	0.028	0.0094 U	0.0097 U	0.0093 U	0.0087 U	0.0086 U	0.0090 U	0.0091 U	0.0078 U	0.020 J	0.011 U	0.0093 U

Client Sample ID:	NYSDEC [1]	LT-XC-012			LT-XC-013			LT-XC-014			LT-XC-015			LT-XC-016			LT-XC-017			LT-XC-018			LT-XC-019			LT-XC-020			LT-XC-021		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	
Laboratory ID:	Restricted-Residential	480-53830-20	480-53830-21	480-53830-22	480-54381-31	480-54381-32	480-54381-33	480-54381-37	480-54381-38	480-54381-39	480-54421-24	480-54421-25	480-54421-26	480-54421-27	480-54421-28	480-54421-29	480-54634-1	480-54634-2	480-54634-3	480-54634-4	480-54634-5	480-54634-13	480-54955-3	480-54955-4	480-54955-5	480-55087-1	480-55087-2	480-55087-3	480-54955-8	480-54955-9	
Sampling Date:	Use	1/24/2014	1/24/2014	1/24/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/18/2014	2/18/2014	2/18/2014	2/20/2014	2/20/2014	2/20/2014	2/18/2014	2/18/2014	
Total Metals (mg/kg)																															
Aluminum, Total	NS	18,900	9,640	10,800	1,290 J	951 J	1,780 J	5,970	5,820	4,620	4,940 J	6,430 J	1,840 J	6,500 J	5,760 J	3,270 J	7,130 J	2,950 J	9,560 J	2,890 J	3,930 J	1,730 J	6,960	6,670	6,970	2,470 J	4,280 J	4,130 J	5,590 J	1,100 J	
Antimony, Total	NS	0.50 U	0.41 U	0.46 U	0.63 J	0.83 J	0.43 UJ	2.1 J	0.41 U	0.80 J	2.0 J	0.44 U	1.1 J	0.43 J	0.60 J	1.1 J	0.42 U	0.50 U	1.6 UJ	0.42 U	0.46 U	98.7	0.4 U	0.44 J	0.43 U	0.63 J	0.5 U	0.51 U	2.5 J	0.4 U	
Arsenic, Total	24*	4.1 J	3.4 J	3.5 J	1.2 J	0.81 J	1.6 J	29.7	27.6	23.6	5.4 J	4.7 J	6.0 J	4.9 J	4.2 J	19.0	4.6 J	2.3 J	8.0 J	2.8 J	3.1 J	34.6	5.5 J	7.8 J	7.2 J	3.4 J	2.1 J	1.9 J	5.3 J	1 J	
Barium, Total	400	116.0	64.8	70.8	3.9 J	3.2 J	3.8 J	38.6	27.7	18.0	37.9	33.9	17.6	63.3	72.7	37.7	33.5	7.1	22.9 J	24.8	25.7	19.2	40.3 J	44.5 J	47.3 J	16.8 J	30 J	31.6 J	34.3 J	8.2 J	
Beryllium, Total	72	0.61 J	0.42 J	0.25 J	0.070 J	0.059 J	0.17 J	0.32 J	0.27 J	0.23 J	0.19 J	0.30 J	0.11 J	0.20 J	0.22 J	0.18 J	0.25 J	0.29 J	0.95 J	0.15 J	0.13 J	0.054 J	0.26 J	0.26 J	0.27 J	0.12 J	0.28 J	0.2 J	0.18 J	0.058 J	
Cadmium, Total	4.3	0.15 J	0.37 J	0.74 j	0.075 J	0.040 J	0.032 U	0.31 J	0.096 J	0.15 J	0.46 J	0.25 J	0.27 J	0.27 J	0.38 J	0.26 J	0.12 J	0.053 J	0.17 J	0.23 J	0.15 J	0.15 J	0.31 J	0.33 J	0.35 J	0.23 J	0.057 J	0.055 J	0.19 J	0.035 J	
Calcium, Total	NS	1,750 B	1,240 B	6,190 B	176 J	127 J	241 J	16,900 B	3,580 B	1,760 B	36,600	3,640 J	1,620 J	35,100	37,600	775 J	12,100 BJ	1,670 BJ	6,180 BJ	66,400 BJ	23,500 BJ	1,280 BJ	7,000 BJ	13,700 BJ	27,500 BJ	15,400 BJ	639 BJ	400 BJ	3,310 BJ	247 U	
Chromium, Total[e]	180	49.3	13.6	56.7	2.4 J	1.8 J	3.7	9.2	8.7	7.5	16.4	10.8	6.0	13.3	13.0	9.5	13.2	7.2	23.3 J	8.9	7.0	9.4	15.7	12.4	13.3	7.6	10	13	18.5 J	3.1 J	
Cobalt, Total	NS	11.7	10.6	12.2	1.6 J	1.4 J	0.56 J	4.9	3.2	3.0	3.7	5.1	15.5	5.3	6.4	2.8	4.7	0.94 J	3.1 J	2.4 J	5.6	2.2 J	5.3	5.1	4.4	9.4	6.8	5.4	5.2	0.85 J	
Copper, Total	270	78.6	119	54.4	6.1 J	3.4 J	91.7 J	49.9	9.0	9.5	29.2 J	17.4 J	31.6 J	35.3 J	34.7 J	78.3 J	18.9 B	6.2 U	20.2 UJ	11.4 B	24.2 B	32.4 B	21.9	57.3	25.5	20 J	7.8 J	6.4 J	58.8	9.5	
Iron, Total	NS	22,700 B	12,500 B	17,200 B	2,060 B	1,620 B	7,610 B	9,850 B	7,760 B	7,120 B	8,720 BJ	10,800 BJ	3,410 BJ	13,000 BJ	11,700 BJ	9,500 BJ	11,200 B	3,860 B	12,600 BJ	6,170 B	9,570 B	12,400 B	9,050	10,500	10,300	4,920 B	12,300 B	9,320 B	8,570 J	2,350 J	
Lead, Total	400	8.0	4.1 J	2.1 J	5.2	3.7 J	1.5 J	52.9	23.2	43.0	41.5	42.2	36.6	66.4	106	131	26.0	2.8 J	9.0 J	17.2	19.6	78.1	61.9 J	53.8 J	58 J	19.5 J	3.3 J	3.1 J	171 J	32.9 J	
Magnesium, Total	NS	6,070	3,060	9,690	223 J	164 J	184 J	2,120	1,000	805	9,810 J	2,130 J	720 J	7,490 J	11,300 J	710 J	2,240 J	1,300 J	4,230 J	31,600 J	5,150 J	311 J	2,200 J	2,640 J	6,930 J	8,530	1,440	1,390	1,430 J	230 J	
Manganese, Total	2,000[f]	211	698	370	29.1 BJ	19.0 BJ	41.4 BJ	135 B	104 B	62.9 B	155 BJ	172 BJ	70.8 BJ	194 BJ	190 BJ	48.9 BJ	240 B	34.1 B	110 BJ	194 B	133 B	53.2 B	147 J	198 J	156 J	97.9 BJ	229 BJ	516 BJ	92.5 J	22.9 J	
Nickel, Total	310	23.0 J	12.2 J	29.3	2.4 J	1.8 J	1.6 J	7.7 J	6.7 J	5.3 J	9.4 J	9.2 J	11.9 J	11.8 J

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-XC-022			LT-XC-023				LT-XC-024			LT-XC-025			LT-C-001			LT-C-002			LT-C-003			LT-C-004			LT-C-005			LT-C-006		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'		0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	4-6'	6-8'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-54955-6	480-54955-7		480-54955-20	480-54955-21	480-54955-22	480-54955-23	480-54955-24	480-54955-25	480-55391-7	480-55391-8	480-55391-9	480-53297-1	480-53297-2	480-53297-3	480-53297-8	480-53297-9	480-53297-10	480-53297-12	480-53297-13	480-53297-14	480-53297-15	480-53297-16	480-53297-17	480-53297-18	480-53297-19	480-53297-20	480-53398-11	480-53398-12	480-53398-13
Sampling Date:	Use	2/18/2014	2/18/2014		2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/27/2014	2/27/2014	2/27/2014	1/13/2014	1/13/2014	1/13/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014
Total Metals (mg/kg)																																
Aluminum, Total	NS	5,630 J	5,960 J		5,870 J	3,520 J	2,710 J	5,400 J	6,070 J	1,520 J	6,280 J	4,700 J	6,330 J	14,200 J	5,620 J	3,350 J	8,860 J	6,450 J	8,870 J	9,590 J	8,880 J	4,570 J	5,740 J	5,940 J	1,850 J	9,080 J	8,330 J	1,460 J	5,080	3,460	22,200
Antimony, Total	NS	1.1 J	4.7 J		3 J	4.1 J	0.39 U	3.8 J	1.1 J	0.39 U	3.3 J	1.3 J	0.81 UJ	0.42 UJ	0.46 UJ	0.41 UJ	0.43 UJ	0.43 UJ	0.46 UJ	0.40 UJ	0.40 UJ	0.39 UJ	0.45 UJ	0.43 UJ	0.47 UJ	0.42 UJ	0.41 UJ	0.40 UJ	1.1 J	0.44 U	0.56 U
Arsenic, Total	24*	6.8 J	10.7		11.5	19.3	34.9	29.6	9.2 J	6 J	19.8	11.5 J	5.3 J	2.7 J	2.7 J	4.5 J	7.0 J	1.9 J	3.5 J	107	2.9 J	4.3 J	3.7 J	1.1 J	1.4 J	6.2 J	1.8 J	1.0 J	102	1.7 J	5.3 J
Barium, Total	400	42.3 J	44.1 J		47.1 J	21.3 J	15.9 J	71.9 J	60 J	11.5 J	43.6 J	26.2 J	20.4 J	78.0 J	39.1 J	19.4 J	35.9 J	25.9 J	85.6 J	44.2 J	40.1 J	24.9 J	67.5 J	32.5 J	18.4 J	36.6 J	56.7 J	12.1 J	21.6	13.2	212
Beryllium, Total	72	0.19 J	0.028 U		0.18 J	0.16 J	0.13 J	0.29 J	0.28 J	0.13 J	0.33 J	0.22 J	0.36 J	0.56 J	0.35 J	0.17 J	0.32 J	0.25 J	0.35 J	0.49 J	0.44 J	0.52 J	0.41 J	0.29 J	0.69 J	0.45 J	0.26 J	0.10 J	0.26 J	0.19 J	1.2 J
Cadmium, Total	4.3	1.6	0.77 J		0.37 J	0.53 J	0.069 J	0.24 J	0.67 J	0.03 J	5	1.3	0.19 J	0.450 J	0.10 J	0.070 J	0.052 J	0.032 U	0.046 J	0.044 J	0.038 J	0.035 J	0.034 U	0.23 J	0.035 U	0.031 U	0.045 J	0.030 U	0.099 J	0.13 J	0.24 J
Calcium, Total	NS	12,500 BJ	15,300 BJ		16,200 BJ	2,520 BJ	344 BJ	23,900 BJ	3,130 BJ	632 BJ	13,800 J	48,100 J	1,190 J	3,090 B	843 B	794 B	846 B	388 B	3,370 B	1,220 B	458 B	1,030 B	5,860 B	1,130 B	441 B	2,430 B	1,550 B	298 B	715 B	275 U	2,800 B
Chromium, Total[e]	180	18.9 J	23.8 J		12.4 J	7.4 J	8.2 J	11.1 J	10.4 J	18.1 J	26.8	12.6	19.2	48.6	14.5	10.8	16.2	14.3	58.7	15.9	14.3	19.6	13.4	13.7	9.6	14.5	14.3	5.6	12.3	6.9 J	49.6
Cobalt, Total	NS	6	84.7 J		11.3	4.4	2.8	7.1	6.6	2.1 J	9.4 J	5.5 J	4 J	19.6	6.5	5.5	3.8	3.0	13.4	6.2	6.0	8.9	3.3	6.4	10.2	5.1	5.0	2.0 J	3.5	1.9 J	20.0
Copper, Total	270	60	89.2 J		39.8	36.3	47.1	171	50	7.2	126 J	42 J	10.9 J	28.3	9.1	4.4 J	12.3	9.5	17.0	10.7	9.6	18.5	9.1	9.1	18.9	8.6	7.7	4.4 J	7.0	5.2 J	63.7
Iron, Total	NS	11,300 J	11,100 J		10,100 J	7,740 J	15,800 J	9,820 J	15,400 J	6,540 J	11,100 BJ	8,700 BJ	11,100 BJ	22,000 J	8,460 J	5,250 J	14,400 J	10,800 J	38,500 J	13,500 J	13,900 J	13,400 J	17,800 J	7,240 J	6,220 J	19,300 J	7,870 J	5,550 J	14,000 B	5,620 BJ	37,500 B
Lead, Total	400	50.9 J	15.1 J		43.7 J	56.3 J	14 J	69.4 J	13.7 J	17.8 J	119	56.7	25.6	6.3	4.1 J	2.7 J	7.1	4.8 J	3.9 J	11.1	9.6	6.5	5.1 J	4.6 J	7.2	6.8	5.6	1.8 J	4.4 J	2.3 J	12.6
Magnesium, Total	NS	3,630 J	3,830 J		4,440 J	1,110 J	450 J	1,420 J	831 J	199 J	3,510 J	28,700 J	2,440 J	5,420	2,000	1,140	1,530	1,560	6,680	2,300	1,980	1,250	2,850	2,050	241	2,120	1,870	473	1,230	773	9,240
Manganese, Total	2,000[f]	126 J	175 J		144 J	51.5 J	80.5 J	170 J	371 J	28.1 J	228 J	140 J	191 J	357 B	104 B	52.5 B	61.7 B	50.5 B	770 B	116 B	275 B	54.6 B	109 B	110 B	8.9 B	118 B	124 B	45.8 B	80.2 B	75.7 B	856 B
Nickel, Total	310	13.8 J	61.9		16.3 J	4.6 J	6 J	10.7 J	6.3 J	3.1 J	18.6 J	12.1 J	10.4 J	64.1	15.4 J	9.2 J	7.7 J	7.0 J	27.6 J	10.5 J	8.8 J	16.4 J	6.7 J	14.3 J	11.4 J	8.0 J	8.4 J	4.3 J	5.8 J	4.6 J	42.8
Potassium, Total	NS	1,660 J	1,690 J		1,470	494	623	941	980	347	786	649	1,350	1,590	986	553	715	784	1,950	875	689	570	887	698	567	907	558	341	772	625	6,920
Selenium, Total	180	1.2 J	34.1		1.6 J	3.6 J	6.1 J	0.64 J	1.7 J	0.68 J	3.1 J	8 J	6.9 J	0.42 U	0.46 U	0.41 U	3.6 J	0.43 U	0.93 J	5.2 J	0.40 U	0.39 U	0.45 U	0.43 U	0.47 U	0.43 J	0.41 U	0.40 U	3.8 J	1.7 J	0.56 U
Silver, Total	180	7.4	2.4 J		0.69 J	0.22 U	0.36 J	0.22 U	0.8 J	0.19 U	15	0.8 J	0.4 U	0.21 U	0.23 U	0.20 U	0.21 U	0.21 U	0.23 U	0.20 U	0.20 U	0.20 U	0.22 U	0.21 U	0.24 U	0.21 U	0.21 U	0.20 U	0.22 U	0.22 U	0.28 U
Sodium, Total	NS	924 J	875 J		135 J	140 J	274 J	118 J	97.4 J	35.2 J	148 J	749 J	2,400	1,020	62.0 J	45.8 J	214 J	183 J	345 J	142 J	229 J	77.7 J	45.3 J	42.9 J	39.1 J	64.2 J	62.2 J	19.5 J	44.6 J	16.1 J	145 J
Thallium, Total	NS	0.28 U	0.3 U		0.32 U	0.32 U	0.29 U	0.33 U	0.32 U	0.29 U	0.31 U	0.37 U	0.61 U	0.32 U	0.34 U	0.30 U	0.32 U	0.32 U	0.34 U	0.30 U	0.30 U	0.29 U	0.34 U	0.32 U	0.35 U	0.31 U	0.31 U	0.30 U	0.33 U	0.33 U	0.42 U
Vanadium, Total	NS	18.3 J	18.6 J		19.8 J	8.5 J	11.2 J	12.8 J	15.1 J	6.4 J	18.2	11.7	16.4	41.1	16.9	11.8	21.4	18.9	31.2	22.5	19.6	19.2	18.4	13.4	10.4	24.2	13.1	6.5	19.7	8.4	58.1
Zinc, Total	10,000[d]	50.9 BJ	68.1 BJ		50.1 BJ	35.2 BJ	28.8 BJ	81.9 BJ	78.8 BJ	11.1 BJ	116 BJ	95.8 BJ	31.7 BJ	66.2 BJ	29.3 BJ	17.0 BJ	22.6 BJ	21.8 BJ	36.4 BJ	29.6 BJ	25.4 BJ	28.7 BJ	24.3 BJ	45.1 BJ	44.3 BJ	23.8 BJ	26.2 BJ	11.8 BJ	17.3 B	29.1 B	94.9 B
Mercury, Total	0.81[j]	0.047 J	0.014 J		0.021 J	0.03 J	0.0086 UJ	0.01 J	0.011 J	0.0083 U	0.18	0.11	0.031 J	0.0082 UJ	0.0083 UJ	0.0085 UJ	0.014 J	0.0080 UJ	0.0086 UJ	0.033 J	0.021 J	0.0088 UJ	0.0084 UJ	0.0076 UJ	0.0083 UJ	0.0082 UJ	0.0084 UJ	0.0087 UJ	0.0098 U	0.0095 U	0.0097 U

Client Sample ID:	NYSDEC [1]	LT-C-007			LT-C-008			LT-C-009			LT-C-010			LT-C-011			LT-C-012			LT-C-013			LT-C-014			LT-C-015			LT-C-016		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-53398-14	480-53398-15	480-53398-16	480-53398-18	480-53398-19	480-53398-20	480-53398-1	480-53398-2	480-53398-3	480-53398-5	480-53398-6	480-53398-7	480-53398-8	480-53398-9	480-53398-10	480-53482-1	480-53482-2	480-53482-2	480-53472-4	480-53472-5	480-53472-6	480-53472-8	480-53472-9	480-53472-10	480-53472-12	480-53472-13	480-53472-14	480-53472-16	480-53472-16	480-53472-18
Sampling Date:	Use	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/16/2014	1/16/2014	1/16/2014
Total Metals (mg/kg)																																
Aluminum, Total	NS	8,870 J	9,260 J	6,080 J	11,100 J	7,170 J	6,660 J	5,870 J	7,960 J	1,480 J	8,240 J	2,400 J	2,450 J	9,460 J	10,000 J	2,700 J	10,000	16,500	11,700	8,290	4,470	2,350	8,700 J	6,740	5,050	4,750	6,510	6,690	7,970	4,250	3,960
Antimony, Total	NS	0.48 UJ	0.49 UJ	0.49 UJ	1.3 J	0.46 UJ	0.46 UJ	0.52 UJ	0.49 UJ	0.45 UJ	0.78 J	0.50 UJ	0.46 UJ	0.53 UJ	0.50 UJ	0.44 UJ	6.2 J	0.53 U	0.48 U	0.49 U	0.45 U	0.46 U	0.46 U	0.48 U	0.46 U	0.48 U	0.54 U	0.48 U	0.94 J	0.62 J	0.43 U
Arsenic, Total	24*	6.9 J	3.1 J	3.3 J	104	3.3 J	5.9 J	1.9 J	3.7 J	1.5 J	18.2	2.9 J	1.6 J	11.6 J	3.1 J	5.9 J	71.9	4.7 J	2.3 J	2.3 J	2.4 J	9.4 J	3.6 J	2.7 J	1.9 J	3.2 J	2.3 J	1.4 J	6.6 J	2.7 J	1.9 J
Barium, Total	400	36.6 J	41.3 J	26.9 J	52.0 J	26.4 J	49.2 J	51.0 J	51.4 J	9.7 J	39.9 J	10.7 J	18.9 J	50.1 J	54.0 J	21.3 J	55.8	104	112	53.0	62.8	36.4	38.7 J	29.3	42.0	23.0	21.0	48.1	57.6	22.4	27.1
Beryllium, Total	72	0.43 J	0.40 J	5.3	0.49 J	0.31 J	0.71 J	0.30 J	1.3	0.10 J	0.28 J	0.18 J	0.22 J	0.49 J	0.51 J	0.28 J	0.34 J	0.44 J	0.31 J	0.33 J	0.32 J	0.33 J	0.27 J	0.34 J	0.28 J	0.20 J	0.075 J	0.18 J	0.44 J	0.19 J	0.14 J
Cadmium, Total	4.3	0.22 J	0.045 J	0.037 U	0.15 J	0.049 J	0.034 U	0.039 U	0.037 U	0.034 U	0.078 J	0.11 J	0.035 U	0.082 J	0.095 J	0.17 J	1.0 J	0.040 U	0.036 U	0.036 U	0.034 U	0.035 U	0.034 U	0.19 J	0.068 J	0.036 U	0.041 U	0.036 U	0.19 J	0.040 J	0.032 U
Calcium, Total	NS	6,200 B	765 B	718 B	2,630 B	502 B	1,460 B	832 B	737 B	1,310 B	2,140 B	161 JB	540 B	1,530 B	1,010 B	770 B	16,200 B	1,110 B	1,160 B	1,280 B	1,270 B	395 B	936 B	1,520 B	1,190 B	361 B	591 B	1,330 B	2,770 B	561 B	1,120 B
Chromium, Total[e]	180	14.1	12.5	12.1	16.7	11.8	15.8	13.3	19.9	5.4	13.0	4.6	7.5	13.6	13.9	10.7	18.6	23.8	18.7	10.5	16.4	7.4	18.9	15.5	12.9	11.1	13.8	14.2	21.3	8.8	14.1
Cobalt, Total	NS	7.0	5.9	24.8	6.5	3.9	4.0	6.6	7.4	1.9 J	4.6	3.7	4.4	5.6	6.3	4.6	62.0	3.2 J	5.1	3.4	3.8	4.1	5.3	10.7	7.2	10.0	2.6 J	5.7	7.9	3.6	2.2 J
Copper, Total	270	12.5 J	7.6 J	45.5 J	11.1 J	8.2 J	14.4 J	5.3 J	27.8 J	4.3 J	7.2 J	29.2 J	7.0 J	8.4 J	8.4 J	46.9 J	107	7.6	12.0	4.4 J	14.0	11.8	11.1	11.1	14.1	12.1	6.9	10.5	31.4	11.1	7.3
Iron, Total	NS	13,200 B	13,900 B	63,800 B	14,000 B	11,300 B	19,600 B	12,100 B	20,600 B	6,110 B	13,300 B	7,580 B	9,360 B	12,100 B	11,800 B	20,100 B	16,200 B	17,300 B	9,310 B	10,200 B	12,800 B	15,800 B	17,700 B	7,880 B	11,400 B	11,400 B	8,630 B	8,510 B	19,000 B	9,220 B	9,580 B
Lead, Total	400	10.4	6.3	27.2	12.1	11.5	7.6	5.2 J	8.0	2.0 J	9.0	6.3 U	5.8 U	11.2	11.9	5.5 U	36.3	9.5	8.1	6.1 J	5.6 U	5.8 U	6.4	5.9 U	5.7 U	6.0 J	6.8 U	6.1 U	11.1	7.3	2.8 J
Magnesium, Total	NS	3,620 J	1,380 J	1,540 J	2,640 J	1,100 J	1,270 J	975 J	1,860 J	752 J	1,480 J	396 J	670 J	1,780 J	1,640 J	989 J	5,790	1,580	1,270	1,210	1,460	476	2,070	2,420	1,870	685	1,660	2,470	2,920	1,120	1,180
Manganese, Total	2,000[f]	148 BJ	484 BJ	487 BJ	227 BJ	115 BJ	108 BJ	786 BJ	95.4 BJ	23.4 BJ	181 BJ	155 BJ	163 BJ	233 BJ	302 BJ	201 BJ	439	295	131	86.6	63.0	83.3	100 BJ	141	109	455	75.7	119	318	264	165
Nickel, Total	310	9.9 J	8.9 J	75.1	11.1 J	6.3 J	9.7 J	6.9 J	11.9 J	3.8 J	8.0 J	4.2 J	8.2 J	9.2 J	10.1 J	7.9 J	87.0	10.1 J	11.6 J	6.7 J	7.8 J	7.0 J	9.9 J	19.7 J	12.9 J	146	31.8 J	13.4 J	14.2 J	6.2 J	5.9 J
Potassium, Total	NS	699 J	441 J	788 J	889 J	335 J	343 J	417 J	1,040 J	344 J	671 J	300 J	547 J	568 J	502 J	608 J	875	541	454	269	795	370	1,380 J	735	825	514	770	1,320	2,100	913	1,120
Selenium, Total	180	3.5 J	0.49 U	0.49 U	2.4 J	0.50 J	0.61 J	0.52 U	0.49 U	0.45 U	2.5 J	2.5 J	0.46 U	2.6 J	0.50 U	1.3 J	10.9 J	0.53 U	0.48 U	0.49 U	0.45 U	0.46 U	0.46 U	0.48 U	0.46 U	0.48 U	0.54 U	0.48 U	0.45 U	1.1 J	0.43 U
Silver, Total	180	0.24 U	0.24 U	0.25 U	0.25 U	0.23 U	0.23 U	0.26 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.25 U	0.22 U	1.7 J	0.27 U	0.24 U	0.24 U	0.22 U	0.23 U	0.23 U	0.24 U	0.23 U	0.24 U	0.27 U	0.24 U	0.22 U	0.21 U	0.22 U
Sodium, Total	NS	94.2 J	102 J	77.9 J	491 J	484 J	109 J	119 J	134 J	54.2 J	122 J	18.7 J	29.1 J	97.8 J	81.5 J	34.3 J	667 J	1010	410 J	347 J	226 J	106 J	46.5 J	42.1 J	47.1 J	24.1 J	23.5 J	47.3 J	49.3 J	22.1 J	60.2 J
Thallium, Total	NS	0.36 U	0.37 U	0.37 U	0.38 U	0.34 U	0.34 U	0.39 U	0.37 U	0.34 U	0.37 U	0.38 U	0.35 U	0.40 U	0.38 U	0.33 U	0.38 U	0.40 U	0.36 U	0.36 U	0.34 U	0.35 U	0.34 U	0.36 U	0.34 U	0.36 U	0.41 U	0.36 U	0.34 U	0.32 U	0.32 U
Vanadium, Total	NS	20.0 J	18.6 J	20.2 J	25.1 J	18.2 J	32.0 J	17.6 J	45.0 J	7.4 J	20.2 J	5.9 J	10.1 J	19.7 J	20.4 J	11.6 J	24.3	30.0	16.9	16.1	18.7	14.1	26.5	24.0	14.7	16.0	20.1	14.1	28.9	11.4	10.0
Zinc, Total	10,000[d]	33.3 BJ	22.1 BJ	198 BJ	30.8 BJ	21.2 BJ	19.6 BJ	19.0 BJ	35.6 BJ	11.4 U	23.0 BJ	16.8 BJ	19.2 BJ	26.2 BJ	64.1 BJ	28.5 BJ	102 B	16.2 B	18.4 B	14.5 B	16.5 B	15.7 B	27.4 B	30.7 B	29.5 B	18.9 B	17.3 B	31.5 B	43.0 B	22.6 B	12.2 B
Mercury, Total	0.81[j]	0.032	0.027	0.012 J	0.0096 J	0.020	0.0078 U	0.022	0.018 J	0.008 U	0.028	0.0095 U	0.0081 U	0.033	0.031	0.0087 U	0.040	0.055	0.038	0.029	0.0092 U	0.0088 U	0.0085 U	0.0093 U	0.0085 U	0.0088 U	0.010 U	0.022 U	0.027	0.13	0.0086 U

Client Sample ID:	NYSDEC [1]	LT-C-017			LT-C-018			LT-C-019			LT-C-020			LT-C-021			LT-C-022			LT-C-023			LT-C-024			LT-C-025			LT-C-026		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-53472-19	480-53472-20	480-53471-1	480-53536-23	480-53536-24	480-53536-25	480-53719-1	480-53719-2	480-53719-3	480-53719-4	480-53719-5	480-53719-6	480-53719-7	480-53719-8	480-53719-9	480-53719-10	480-53719-11	480-53719-12	480-53719-13	480-53719-14	480-53719-15	480-53719-17	480-53719-18	480-53719-19	480-53719-20	480-53719-21	480-53719-22	480-53782-1	480-53782-2	480-53782-3
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	4,920 J	4,840 J	3,180 J	6,120 J	10,500 J	12,000 J	1,570	2,370	30,800	5,890	2,240	2,340	3,570	4,960	3,340	4,390	2,540	1,800	1,200	1,160	16,500	2,520	327	9,740	1,710	1,860	1,630 J	8,110 J	6,520 J	47,20 J
Antimony, Total	NS	0.80 J	0.43 U	0.47 J	0.42 U	0.48 U	0.49 U	0.46 U	0.47 U	0.58 U	0.46 U	0.42 U	0.43 U	1.2 J	0.45 U	0.42 U	0.91 J	0.40 U	0.44 U	0.51 U	0.50 U	0.49 U	22.9 J	631	1.0 J	2.8 J	1.7 J	94.8 J	37.9 J	44.4 J	151 J
Arsenic, Total	24*	3.6 J	2.8 J	2.2 J	5.1 J	2.5 J	3.3 J	1.9 J	1.8 J	6.8 J	2.8 J	1.5 J	1.9 J	9.9 J	6.9 J	3.1 J	16.4	2.3 J	1.4 J	1.0 J	0.69 J	2.5 J	17.0	581	99.8	5.6 J	3.5 J	4.7 J	38.5 J	27.0 J	63.2 J
Barium, Total	400	20.5	33.6	32.8	52.7	85.4	85.6	20.6 J	72.4 J	303 J	36.7 J	18.1 J	20.9 J	24.5 J	45.4 J	33.0 J	15.2 J	9.5 J	7.2 J	12.8 J	15.4 J	163 J	38.7 J	216 J	76.4 J	7.0 J	7.9 J	10.6	92.7 J	57.9 J	59.6 J
Beryllium, Total	72	0.23 J	0.25 J	0.24 J	0.18 J	0.67 J	0.72 J	0.17 J	0.14 J	2.1 J	0.36 J	0.19 J	0.29 J	0.22 J	0.28 J	0.27 J	0.16 J	0.16 J	0.069 J	0.12 J	0.073 J	1.1 J	0.12 J	0.033 U	0.39 J	0.17 J	0.13 J	0.073 J	0.40 J	0.28 J	0.25 J
Cadmium, Total	4.3	0.22 J	0.17 J	0.16 J	0.15 J	0.054 J	0.11 J	0.28 J	0.067 J	0.33 J	0.035 U	0.031 U	0.032 U	1.2	1.5	0.049 J	0.37 J	0.12 J	0.042 J	0.038 U	0.037 U	1.3	0.27 J	1.6	0.23 J	0.077 J	0.065 J	0.24 J	0.46 J	0.51 J	0.76 J
Calcium, Total	NS	410 BJ	455 BJ	463 BJ	49,100 B	3,070 B	1,650 B	285 U	294 U	3,490 BJ	808 BJ	340 BJ	386 BJ	945 BJ	435 J	355 BJ	283 U	403 BJ	278 U	317 U	311 U	853 BJ	23,000 BJ	821 BJ	1,560 BJ	536 BJ	6,260 BJ	1,510 BJ	49,300 B	57,600 B	46,600 B
Chromium, Total[e]	180	11.9	11.9	8.3	15.6	15.3	28.9	4.4 J	6.9 J	59.3 J	16.1 J	8.9 J	9.5 J	9.5 J	14.9 J	8.5 J	8.8 J	9.3 J	4.8 J	4.5 J	4.5 J	38.9 J	6.5 J	4.1 J	42.1 J	4.3 J	6.1 J	13.6 J	22.9 J	26.7 J	18.0 J
Cobalt, Total	NS	5.7	2.6 J	2.0 J	3.5	4.4	18.9	4.2 J	6.7 J	26.2 J	5.7 J	2.5 J	4.6 J	4.5 J	5.6 J	6.1 J	1.4 J	1.8 J	0.85 J	0.94 J	0.83 J	15.9 J	4.6 J	13.8 J	6.2 J	2.2 J	2.6 J	2.4 J	8.9	5.4	6.4
Copper, Total	270	19.4	54.8	51.4	14.3 B	8.4 B	27.1 B	8.2 J	3.7 J	50.4	6.5 J	11.0 J	11.5	140	97.4	6.0 J	71.5	25.3	14.2	11.8	9.6 J	237	22.0	104	110	9.2	7.0	20.8	64.7 J	44.7 J	76.4 J
Iron, Total	NS	10,800	15,300	13,800 B	8,860 B	7,970 B	21,400 B	5,480 B	8,790 B	51,200 B	9,300 B	9,690 B	5,870 B	7,650 B	12,800 B	9,140 B	8,780 B	7,360 B	8,630 B	8,020 B	4,510 B	25,900 B	5,840 B	63,000 B	16,600 B	9,170 B	8,730 B	5,620 J	12,500 B	11,800 B	8,840 B
Lead, Total	400	6.2	3.8 J	2.8 J	62.9	7.8	12.3	2.1 J	1.4 J	20.5	4.2 J	4.0 J	4.2 J	32.7	11.7	3.2 J	43.6	2.3 J	1.4 J	1.3 J	1.2 J	9.2	46.5	4,480	3.8 J	2.8 J	4.2 J	8.3	115 J	66.9 J	93.8 J
Magnesium, Total	NS	1,310	1,360	1,070	14,800	1,730	4,660	331 J	849 J	14,100 J	2,110 J	440 J	941 J	953 J	1,640 J	1,160 J	707 J	1,080 J	337 J	258 J	257 J	5,990 J	4,540 J	46.0 J	4,150 J	437 J	2,110 J	822 J	6,000 J	7,860 J	6,330 J
Manganese, Total	2,000[f]	276 B	80.4 B	55.0	162 J	104 J	256 J	619 BJ	1,260 BJ	904 BJ	67.0 BJ	20.2 BJ	39.6 BJ	72.0 BJ	83.8 BJ	245 BJ	41.6 BJ	47.6 BJ	15.1 BJ	25.5 BJ	21.8 BJ	269 BJ	145 BJ	163 BJ	177 BJ	26.3 BJ	49.6 BJ	29.6	204	234	148
Nickel, Total	310	7.5 J	7.0 J	5.5 J	11.4 J	10 J	30.9	3.9 J	7.2 J	50.0	9.1 J	11.3 J	8.0 J	8.2 J	11.2 J	6.9 J	3.5 J	4.2 J	2.7 J	2.8 J	2.3 J	37.4	7.3 J	5.0 J	15.5 J	2.5 J	4.1 J	3.9 J	18.2 J	14.7 J	9

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-027			LT-C-028			LT-C-029			LT-C-030			LT-C-031			LT-C-032			LT-C-034			LT-C-035			LT-C-036			LT-C-037		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'
Laboratory ID:	Restricted-Residential	480-53782-4	480-53782-5	480-53782-6	480-53877-1	480-53877-2	480-53877-3	480-53877-4	480-53877-5	480-53877-6	480-54019-1	480-54019-2	480-54019-3	480-54019-4	480-54019-5	480-54019-6	480-54118-1	480-54118-2	480-54118-3	480-54308-5	480-54308-6	480-54308-7	480-54308-8	480-54308-9	480-54308-10	480-54308-12	480-54308-13	480-54308-14	480-54381-1	480-54381-2	480-54381-3
Sampling Date:	Use	1/21/2014	1/21/2014	1/21/2014	1/24/2014	1/24/2014	1/24/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/30/2014	1/30/2014	1/30/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	4,050 J	9,930 J	8,920 J	9,880 J	10,200 J	2,520 J	10,400 J	2,690 J	8,300 J	5,820	5,130	7,270	9,030	4,320	7,320 J	12,400	7,540	2,050	4,720 J	9,200 J	2,810 J	6,160 J	11,800 J	8,270 J	4,660 J	4,760 J	2,130 J	4,570 J	6,900 J	1,890 J
Antimony, Total	NS	0.95 J	197 J	3.3 J	0.52 J	0.46 U	0.41 U	0.48 U	0.49 U	0.49 U	0.46 U	0.45 U	0.48 U	3.4 J	1.1 J	0.43 UJ	15.6 J	0.43 U	0.44 U	173	3.6 J	0.45 J	2.2 J	6.6 J	11.8 J	0.39 U	0.41 U	0.43 U	1.6 J	0.41 U	0.41 U
Arsenic, Total	24*	2.8 J	87.4 J	8.4 J	4.9 J	1.5 J	0.84 J	5.5 J	12.5	1.9 J	1.4 J	0.71 J	1.7 J	12.0	4.8 J	1.5 J	85.7	3.1 J	1.3 J	26.0	61.8	18.4	16.8	58.6	18.5	5.7 J	1.5 J	4.8 J	4.7 J	2.4 J	1.9 J
Barium, Total	400	18.8 J	48.0 J	37.6 J	39.1 J	51.3 J	11.4 J	59.0 J	95.8 J	50.8 J	21.5 J	19.4 J	50.2	49.6	39.8	52.1	51.1 J	51.3	13.1	44.8 J	82.0 J	25.6 J	46.5 J	57.5 J	81.5 J	55.9 J	20.4 J	32.4 J	15.6 J	28.0	14.5 J
Beryllium, Total	72	0.21 J	0.38 J	0.31 J	0.38 J	0.36 J	0.16 J	0.55 J	0.19 J	0.48 J	0.26 J	0.31 J	0.24 J	0.46 J	0.35 J	0.26 J	0.38 J	0.65 J	0.29 J	0.14 J	0.55 J	0.14 J	0.20 J	0.47 J	0.58 J	0.28 J	0.25 J	0.24 J	0.27 J	0.45 J	0.20 J
Cadmium, Total	4.3	0.055 J	0.18 J	0.044 J	0.039 J	0.062 J	0.031 U	0.056 J	0.13 J	0.040 J	0.035 U	0.034 U	0.060 J	0.25 J	0.87 J	0.032 U	0.63 J	0.26 J	0.082 J	0.67 J	6.9	0.26 J	0.28 J	0.17 J	1.2	0.18 J	0.033 J	0.032 U	0.049 J	1.3	0.043 J
Calcium, Total	NS	1,580 B	845 B	300 U	119 JB	1,180 B	225 JB	683 B	260 JB	1,270 B	928 BJ	466 BJ	1,020 BJ	7,140 BJ	20,300 BJ	688 BJ	986 B	735 B	274 U	6,380 BJ	1,340 BJ	419 BJ	22,700 BJ	7,030 BJ	1,390 BJ	692 BJ	412 BJ	555 J	367 J	1,240 J	314 J
Chromium, Total#	180	6.3	18.1	16.1	19.9	18.3	5.7	20.7	6.8	17.2	14.0	8.8	17.1	14.1	7.9	11.7	19.7	16.4	7.9	9.6	16.6	9.7	14.9	23.7	16.8	10.7	10.9	2.9	9.4	26.4	7.8
Cobalt, Total	NS	2.6	8.4	4.7	10.7	5.5	1.3 J	8.2	14.7	7.4	3.8	6.0	38.5	6.9	4.0	5.0	13.4	7.4	0.97 J	3.8	5.5	10.9 J	3.7	7.5	5.8	13.3	3.3	7.6	5.3	8.7	6.2
Copper, Total	270	6.2 J	7.3 J	10.6 J	9.8 B	14.3 B	4.4 JB	14.7 B	4.5 JB	9.2 B	8.7	5.4 J	16.4	20.8	69.7	9.2	77.5 J	44.6	7.4	17.4	36.2	265 J	19.1	443	106	28.6	18.9	7.0	9.6 J	67.0 J	8.6 J
Iron, Total	NS	6,280 B	20,300 B	16,000 B	24,800 B	11,700 B	5,290 B	19,200 B	14,200 B	13,300 B	7,910 B	6,770 B	9,870 B	10,500 B	21,400 B	10,900 B	23,600 B	16,100 B	2,780 B	10,700	14,600	7,660	9,670	19,400	9,110	15,200	8,840	22,900	18,400 BJ	14,900 BJ	6,070 BJ
Lead, Total	400	20.4 J	7.2 J	6.3 J	7.6	5.8	1.6 J	7.5	2.8 J	4.5 J	5.4 J	2.6 J	10.6	35.5	75.6	5.1 J	17.2	9.5	5.6	33.8	52.9	8.8	76.2	33.0	36.7	10.6	4.4 J	1.2 J	4.9 J	3.2 J	2.7 J
Magnesium, Total	NS	845 J	1,640 J	1,500 J	2,080 J	3,140 J	673 J	3,290 J	853 J	2,740 J	1,820 J	1,250 J	2,190 J	4,210 J	3,190 J	1,980 J	2,160	1,460	171	2,160 J	1,270 J	470 J	7,330 J	2,870 J	1,080 J	1,010 J	1,090 J	660 J	474 J	3,480 J	473 J
Manganese, Total	2,000'	118	159	61.9	370 J	144 J	87.9 J	336 J	1,630 J	192 J	96.6	86.9	1,050	164	278	121	258	118	18.1	169 J	84.3 J	23.5 J	163 J	127 J	71.5 J	375 J	66.6 J	172 J	142 BJ	202 BJ	50.9 BJ
Nickel, Total	310	4.7 J	10.2 J	10.9 J	8.5 J	15.4 J	3.3 J	15.4 J	13.7 J	9.5 J	6.6 J	7.0 J	23.9 J	11.6 J	7.6 J	9.2 J	13.0 J	13.9 J	2.2 J	9.3 J	9.1 J	7.4 J	8.0 J	14.8 J	7.4 J	9.6 J	7.5 J	6.6 J	5.9 J	14.8 J	11.0 J
Potassium, Total	NS	572	393	396	816	1,740	391	2,000	682	1,920	480 J	570 J	1,230 J	720 J	582 J	647 J	854	742	441	1,610 J	374 J	255 J	1,570 J	2,180	494 J	885 J	938 J	467 J	315 J	2,130	470 J
Selenium, Total	180	0.42 U	1.4 J	0.97 J	0.54 J	0.46 U	0.41 U	0.48 U	0.49 U	0.49 U	0.46 U	0.45 U	0.48 U	1.4 J	0.42 U	0.43 U	1.2 J	0.43 U	0.44 U	10.1 J	0.84 J	1.0 J	0.40 U	1.9 J	2.6 J	0.90 J	0.41 U	0.43 U	0.64 J	1.8 J	0.41 U
Silver, Total	180	0.21 U	0.24 U	0.24 U	0.22 U	0.23 U	0.21 U	0.24 U	0.25 U	0.24 U	0.23 U	0.22 U	0.24 U	0.31 J	0.21 U	0.21 U	0.23 U	0.22 U	0.22 U	0.24 J	0.19 U	0.20 U	0.20 U	5.1	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.21 U	0.21 U
Sodium, Total	NS	731 U	1940 B	2,170 B	28.3 J	58.2 J	18.3 J	57.3 J	27.0 J	65.8 J	813 U	785 U	843 U	821 U	742 U	747 U	178 J	125 J	67.7 J	674 U	677 U	684 U	695 U	735 U	719 U	687 U	718 U	956 U	913 U	726 U	719 U
Thallium, Total	NS	31.3 U	0.36 U	0.36 U	0.33 U	0.35 U	0.31 U	0.36 U	0.37 U	0.37 U	0.35 U	0.34 U	0.36 U	0.35 U	0.32 U	0.32 U	0.35 U	0.32 U	0.33 U	3.4 J	0.29 U	0.29 U	0.30 U	0.32 U	0.31 U	0.29 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U
Vanadium, Total	NS	9.3	24.6	23.1	28.7	23.0	6.6	27.5	9.2	23.6	17.2	12.0	21.0	17.6	10.0	14.3	29.5	22.1	14.4	13.3	20.4	10.2 J	19.1	28.7	18.4	13.8	16.0	8.1	13.1 J	25.9 J	11.6 J
Zinc, Total	10,000#	18.2 BJ	22.7 BJ	21.0 BJ	24.1 B	38.0 B	8.4 JB	37.8 B	21.8 B	27.2 B	18.8 B	140 B	47.6 B	68.5 B	746 B	27.5 B	42.9 BJ	55.3 B	24.9 B	33.8 BJ	487 BJ	86.4 BJ	70.7 BJ	51.4 BJ	44.6 BJ	32.3 BJ	20.5 BJ	14.4 BJ	16.7 BJ	194 BJ	14.7 BJ
Mercury, Total	0.81'	0.0091 J	0.031	0.010 U	0.0088 U	0.0095 U	0.0088 U	0.0098 U	0.0094 U	0.0097 U	0.0087 U	0.0081 U	0.0093 U	0.15	0.097	0.0084 U	0.023	0.0084 U	0.014 J	0.084	0.068	0.012	0.079	0.12	0.086	0.041	0.0085 U	0.0085 U	0.011 J	0.0081 U	0.0081 U

Client Sample ID:	NYSDEC (1)	LT-C-038			LT-C-039			LT-C-040			LT-C-041			LT-C-042			LT-C-043			LT-C-044			LT-C-045			LT-C-046			LT-C-047		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54381-5	480-54381-6	480-54381-7	480-54381-8	480-54381-9	480-54381-10	480-54381-11	480-54381-12	480-54381-13	480-54381-14	480-54381-15	480-54381-16	480-54381-17	480-54381-18	480-54381-19	480-54381-20	480-54381-21	480-54381-22	480-54381-25	480-54381-26	480-54381-27	480-54421-5	480-54421-6	480-54421-7	480-54421-9	480-54421-10	480-54421-11	480-54421-12	480-54421-13	480-54421-14
Sampling Date:	Use	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	6,150 J	6,820 J	1,330 J	1,060 J	2,070 J	1,700 J	5,990 J	12,100 J	1,810 J	4,540 J	7,300 J	1,580 J	5,250 J	4,860 J	22,600 J	7,140 J	16,100 J	10,900 J	6,820 J	6,230 J	1,220 J	14,600	6,150	11,100	3,770 J	627 J	4,180 J	2,030 J	556 J	10,300 J
Antimony, Total	NS	0.44 U	0.40 U	0.41 U	0.45 U	0.46 U	0.46 U	0.51 J	0.69 J	0.46 U	0.54 J	0.52 J	0.40 UJ	0.45 UJ	0.41 UJ	0.43 UJ	0.44 UJ	0.42 UJ	0.38 UJ	0.44 UJ	0.42 UJ	0.40 UJ	0.68 J	0.49 U	0.51 U	20.5 J	37.3 J	0.42 J	43.6 J	27.1 J	6.4 J
Arsenic, Total	24*	4.2 J	5.6 J	1.8 J	3.1 J	0.81 J	5.4 J	8.7 J	63.5	1.6 J	9.3 J	3.6 J	1.4 J	2.4 J	1.4 J	3.2 J	2.3 J	8.0 J	2.4 J	3.3 J	2.1 J	1.4 J	16.4 J	1.9 J	4.7 J	14.5	8.4 J	2.5 J	244	323	159
Barium, Total	400	87.0	80.8	11.5 J	13.1 J	16.1 J	31.7	62.0	73.5	14.0	38.9	74.4 J	12.5 J	25.9 J	24.3 J	246 J	45.8 J	58.0 J	38.1 J	38.9 J	25.6 J	5.5 J	85.3	31.8	90.3	34.2	6.9	18.8	41.1	44.3	64.9
Beryllium, Total	72	0.45 J	0.56 J	0.20 J	0.12 J	0.14 J	1.2	0.37 J	0.85 J	0.18 J	0.41 J	0.40 J	0.16 J	0.42 J	0.41 J	1.1	0.24 J	0.83 J	0.60 J	0.35 J	0.32 J	0.15 J	0.82 J	0.22 J	0.38 J	0.21 J	0.033 U	0.43 J	0.097 J	0.033 U	0.69 J
Cadmium, Total	4.3	0.12 J	0.081 J	0.031 U	0.081 J	0.035 U	0.034 U	0.40 J	2.8	0.034 U	0.17 J	0.068 J	0.030 U	0.046 J	0.052 J	0.032 J	0.28 J	0.23 J	0.47 J	0.21 J	0.16 J	0.030 U	1.4 J	0.036 U	0.068 J	0.38 J	0.041 J	0.047 J	7.4	1.2	2.7 J
Calcium, Total	NS	963 J	1,330 J	259 U	278 U	340 J	780 J	896	2,610	282 J	779	1,250	300	612	744	2,270	1,580	971	1,270	443	573	104 J	3,790	996	1,790	69,800	360	608	1,470	924	7,240
Chromium, Total#	180	11.1	11.1	6.2	3.6	7.3	9.1	14.5	47.3	6.3	10.4	18.0	5.4	12.2	14.5	50.2	16.5	35.0	24.2	15.6	14.4	3.3	58.0	18.1	24.1	6.0	1.9 J	37.0	26.2	34.4	28.7
Cobalt, Total	NS	15.8	30.5	3.5	1.4 J	1.3 J	3.3	6.9	33.6	1.4 J	7.5	7.1	2.7	3.9	5.3	19.9	3.5	14.1	6.2	5.1	12.5	0.95 J	11.8	3.6	8.5	3.1 J	25.4	4.2	752	110	100
Copper, Total	270	18.5 J	4.5 J	9.9 J	20.8 J	9.8 J	23.3 J	65.4 J	154 J	15.1 J	12.3 J	13.1	6.5	7.8	7.8	36.1	173	101	13.8	42.1	7.4	2.2 J	94.0	5.6 J	19.4	18.7	4.1 J	7.7	272	188	266
Iron, Total	NS	12,700 BJ	25,200 BJ	10,700 BJ	5,630 BJ	4,670 BJ	35,500 BJ	14,200 BJ	54,300 BJ	9,030 BJ	39,800 BJ	12,700	4,720	8,650	8,100	34,400	12,500 B	49,200 B	15,200 B	16,600 B	12,700 B	6,110 B	40,700	10,100	25,700	5,400	2,030	21,200	12,300	20,900	19,800
Lead, Total	400	27.5	11.6	3.5 J	2.3 J	4.1 J	7.2	9.5	7.3	3.6 J	8.3	5.8	3.0 J	3.9 J	4.2 J	12.5	15.0	15.3	17.5	5.8	6.2	1.9 J	243	4.3 J	5.6 J	12.4	14.3	3.9 J	105	125	70.5
Magnesium, Total	NS	642 J	637 J	278 J	256 J	582 J	276 J	1,690 J	6,200 J	367 J	806 J	2,810 J	389 J	1,360 J	1,320 J	9,120 J	1,300 J	3,480 J	3,450 J	2,240 J	1,790 J	227 J	4,650	1,590	4,350	16,600 J	269 J	951 J	677 J	186 J	2,800 J
Manganese, Total	2,000'	560 BJ	2,110 BJ	105 BJ	29.6 BJ	44.0 BJ	131 BJ	193 BJ	447 BJ	39.0 BJ	1,390 BJ	356 J	49.2 J	41.9 J	39.0 J	401 J	150 BJ	583 BJ	162 BJ	143 BJ	324 BJ	57.0 BJ	443 B	96.5 B	777 B	182 B	16.0 B	662 B	94.1 B	134 B	206 B
Nickel, Total	310	7.1 J	7.2 J	5.9 J	3.0 J	3.0 J	10.1 J	12.7 J	38.4	3.1 J	7.0 J	15.4 J	5.6 J	10.9 J	11.7 J	47.2	5.4 J	15.2 J	12.2 J	10.8 J	6.7 J	1.8 J	26.2 J	6.1 J	18.1 J	4.9 J	24.6 J	15.8 J	182	115	67.2 J
Potassium, Total	NS	175 J	178 J	381 J	221 J	612 J	824 J	962	714	447	437	1,790 J	389 J	1,090 J	1,030 J	7,540 J	413 J	1,840 J	2,060 J	1,390 J	1,130 J	171 J	2,480	487	2,880	477	152 J	451	477	111 J	1,260
Selenium, Total	180	1.2 J	1.6 J	0.41 U	0.45 U	0.46 U	0.47 J	0.44 U	0.45 U	0.46 U	0.82 J	0.44 U	0.40 U	0.45 U	0.41 U	0.43 U	1.1 J	0.83 J	0.38 U	0.44 U	0.42 U	0.40 U	2.0 J	0.49 U	0.51 U	0.83 J	1.3 J	0.41 U	29.9 J	13.7 J	11.5 J
Silver, Total	180	0.22 U	0.20 U	0.21 U	0.22 U	0.23 U	0.23 U	0.22 U	0.23 U	0.23 U	0.20 U	0.22 U	0.20 U	0.22 U	0.20 U	0.21 U	0.22 U	0.21 U	0.19 U	0.22 U	0.21 U	0.20 U	5.9	0.24 U	0.25 U	0.33 J	0.24 U	0.20 U	11.8	4.1	1.9 J
Sodium, Total	NS	766 U	706 U	724 U	779 U	810 U	799 U	54.0 J	76.1 J	21.7 J	47.3 J	71.0 J	21.5 J	52.2 J	44.6 J	139 J	40.1 J	51.7 J	59.1 J	38.7 J	46.1 J	21.3 J	347 J	55.1 J	90.4 J	96.2 J	60.5 J	44.5 J	80.9 J	53.6 J	720 J
Thallium, Total	NS	0.33 U	0.30 U	0.31 U	0.33 U	0.35 U	0.34 U	0.33 U	0.34 U	0.34 U	0.31 U	0.33 U	0.30 U	0.34 U	0.30 U	0.32 U	0.33 U	0.32 U	0.29 U	0.33 U	0.32 U	0.30 U	0.50 U	0.36 U	0.38 U	0.38 U	0.36 U	0.30 U	0.50 U	0.35 U	0.98 U
Vanadium, Total	NS	21.7 J	26.5 J	10 J	5.9 J	9.0 J	23.1 J	17.5 J	46.8 J	11.2 J	67.7 J	19.8	8.2	13.9	16.1	58.0	17.2	37.2	26.4	19.3	14.4	6.0	46.8	17.7	33.7	9.6	2.7 J	19.1	17.0	18.2	37.0
Zinc, Total	10,000#	36.1 BJ	21.3 BJ	15.5 BJ	15.0 BJ	26.1 BJ	28.6 BJ	59.8 BJ	241 BJ	11.8 BJ	52.1 BJ	29.6 BJ	14.8 bj	27.5 BJ	26.0 BJ	77.1 BJ	40.9 BJ	63.6 BJ	81.8 BJ	43.7 BJ	24.8 BJ	10.1 U	335 BJ	16.4 BJ	47.2 BJ	25.6 BJ	12.0 U	23.1 BJ	200 BJ	69.4 BJ	241 BJ
Mercury, Total	0.81'	0.063	0.025	0.0080 U	0.0090 U	0.0084 U	0.015 J	0.019 J	0.013 J	0.0086 U	0.014 J	0.0086 U	0.0086 U	0.0085 U	0.0079 U	0.0086 U	0.025	0.0080 U	0.0077 U	0.0075 U	0.0081 U	0.0087 U	0.50	0.0091 U	0.010 U	0.028	0.030	0.0085 U	7.0	6.9	0.28

Client Sample ID:	NYSDEC (1)	LT-C-048			LT-C-049			LT-C-050			LT-C-051			LT-C-052			LT-C-053			LT-C-054			LT-C-055			LT-C-056			LT-C-057		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'		0-2'	4-6'	6-8'	0-2'	2-4'		0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-55087-22	480-55087-23	480-55087-24	480-55087-32	480-55087-33	480-55087-34	480-54485-1	480-54485-2	480-54485-3	480-54485-4	480-54485-5	480-54485-6	480-54955-1	480-54955-2		480-55157-24	480-55157-25	480-55157-26	480-55157-27	480-55157-28		480-54634-10	480-54634-11	480-54634-12	480-54634-15	480-54634-16	480-54634-18	480-55157-29	480-55157-30	480-55157-31
Sampling Date:	Use	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/18/2014	2/18/2014		2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014		2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/21/2014	2/21/2014	2/21/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	2,240 J	1900 J	23,400 J	4,190 J	9,310 J	7,170 J	6,430 J	4,870 J	4,130 J	3,920 J	1,820 J	3,710 J	6,650 J	3,550 J		4,720 J	3,540 J	3,010 J	3,520 J	4,110 J		3,910 J	3,630 J	718 J	5,540 J	3,310 J	767 J	2,900 J	1,060 J	817 J
Antimony, Total	NS	0.49 U	0.47 U	0.48 U	7.6 J	0.51 UJ	0.51 UJ	0.43 UJ	0.44 UJ	2.0 J	0.40 UJ	0.54 J	0.46 UJ	2 J	0.94 J		3.5 J	0.52 U	0.43 U	1.7 J	0.46 U		0.42 U	0.44 U	0.50 J	18.2 J	124	145	0.42 U	0.49 U	0.46 U
Arsenic, Total	24*	5.1 J	1.5 J	5.2 J	7.8 J	2.6 J	1.7 J	3.5 J	5.7 J	4.3 J	3.5 J	7.3 J	0.98 J	4 J	7.4 J		16.4	3.9 J	3.2 J	10.6 J	3.7 J		2.8 J	8.2 J	4.9 J	35.3	105	32.9	4.7 J	2.7 J	0.93 J
Barium, Total	400	17.1 J	13.3 J	314 J	50.3	41.1	50	44.2	44.0	22.4	26.3	25.7	26.6	37.3	38.6		38.2 J	23.8 J	39.2 J	23.7 J	34.5 J		25.3	49.6	2.8 J	55.1	48.2	19.8	20.7 J	8.2 J	4.9 J
Beryllium, Total	72	0.14 J	0.13 J	0.098 J	0.12 J	0.32 J	0.24 J	0.30 J	0.28 J	0.20 J	0.18 J	0.14 J	0.22 J	0.34 J	0.18 J		0.25 J	0.16 J	0.14 J	0.18 J	0.24 J		0.18 J	0.21 J	0.066 J	0.21 J	0.31 J	0.054 J	0.2 J	0.066 J	0.036 J
Cadmium, Total	4.3	0.085 J	0.055 J	0.074 J	0.29 J	0.067 J	0.072 J	0.23 J	0.12 J	0.98 J	0.13 J	0.031 UJ	0.034 UJ	0.13 J	1.4		2.8	0.22 J	0.096 J	0.8 J	0.082 J		0.046 J	0.087 J	0.11 J	2.0	11.4	0.76 J	0.14 J	0.039 J	0.052 J
Calcium, Total	NS	613 BJ	548 BJ	7,590 BJ	3,210 B	766 B	1,710 B	19,500 B	44,800 B	823 BJ	26,600 B	386 BJ	285 U	1,530 BJ	2,130 BJ		13,100 BJ	878 BJ	940 BJ	88,200 BJ	730 BJ		2,710 BJ	3,130 BJ	403 BJ	12,500 BJ	9,520 BJ	399 BJ	853 BJ	306 U	287 U
Chromium, Total#	180	5.9	4.1	114	11.5 J	18.1 J	22.2 J	11.8 J	21.0 J	8.9 J	10.3 J	6.1 J	9.5 J	14 J	8.6 J		18.4 J	11.7 J	9.7 J	8.7 J	15.4 J		8.4	12.4	1.9 J	30.0	14.4	4.5	8.8	5.4	4.4
Cobalt, Total	NS	3.2	1.9 J	19.8	32.2	12.4	5.6	3.7 J	2.2 J	3.9 J	3.3 J	3.2 J	1.7 J	4.3	3 J		8.1 J	2.7 J	4.9 J	10.1 J	3.6 J		2.1 J	21.4	12.3	107	37.7	12.3	3.1 J	1.5 J	0.65 J
Copper, Total	270	6.5 J	4.6 J	28.9 J	21.6 J	8.6 J	10.1 J	19.8 BJ	14.0 BJ	15.7 BJ	16.8 BJ	27.3 BJ	5.7 UJ	12.7	37.3		94.6 J	16.9 J	4 J	35.4 J	9.1 J		8.3 B	6.3 B	6.3 B	296 B	230 B	67.5 B	10.7 J	2.6 J	2.9 J
Iron, Total	NS	4,690 B	4330 B	33,700 B	9,850 B	13,400 B	10,300 B	9,550 B	8,890 B	9,150 B	7,270 B	13,000 B	2,770 B	10,500 J	9,440 J		9,940 BJ	8,350 BJ	6,800 BJ	5,970 BJ	9,870 BJ		8,620 B	8,010 B	1,170 B	14,800 B	6,950 B	3,940 B	5,190 BJ	4,840 BJ	2,240 BJ
Lead, Total	400	2.6 J	4 J	2.5 J	13.2 J	6.3 J	3.9 J	67.4 J	20.6 J	24.1 J	19.9 J	47.8 J	2.3 J	17.5	185		81.7 J	35.4 J	9.1 J	23.8 J	4.2 J		17.1	18.1	27.2	121	183	34.2	6.2 J	10 J	7.1 J
Magnesium, Total	NS	608	434	18,100	1,880 BJ	1,990 BJ	2,820 BJ	6,880 J	11,700 J	1,020 J	7,060 J	390 J	614 J	1,370 J	1,030 J		5,240 J	1,280 J	951 J	51,000 J	1,510 J		1,640 J	2,150 J	120 J	2,690 J	1,910 J	189 J	927 J	276 J	272 J
Manganese, Total	2,000'	89.9 BJ	65.2 BJ	895 BJ	171 B	151 B	165 B	168 B	139 B	51.4 B	121 B	97.5 B	26.4 B	197	100		126 BJ	102 BJ	120 BJ	177 BJ	154 BJ		110 B	94.8 B	12.3 B	303 B	179 B	87.0 B	50 BJ	30.8 BJ	30.8 BJ
Nickel, Total	310	6.5 J	3.8 J	51	13.8 J	10.5 J	10 J	10.8 J	8.4 J	7.8 J	7.2 J	8.7 J	4.1 J	7.2 J	7.1 J		13.8 J	6.2 J	7.5 J	18.3 J	10.8 J		5.9 J	44.9	23.7 J	197	94.6	5.0 J	9.4 J	3.2 J	2.2 J
Potassium, Total	NS	344	285	8,070	1,260	692	1,810	593	670	447	508	315	208	657 J	323 J		929 J	821 J	221 J	483 J	875 J		652	950	116 J	682	399

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-C-058			LT-C-060			LT-C-061			LT-C-062			LT-C-063			LT-C-064			LT-C-065			LT-C-066			LT-C-067			LT-068		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-54955-17	480-54955-18	480-54955-19	480-55212-1	480-55212-2	480-55212-3	480-55280-1	480-55280-2	480-55280-3	480-55280-11	480-55280-12	480-55280-13	480-55280-14	480-55280-15	480-55280-16	480-55330-18	480-55330-19	480-55330-20	480-55330-1	480-55330-2	480-55330-3	480-55330-4	480-55330-5	480-55330-6	480-55330-7	480-55330-8	480-55330-9	480-55330-12	480-55330-13	480-55330-14
Sampling Date:	Use	2/19/2014	2/19/2014	2/19/2014	2/24/2014	2/24/2014	2/24/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	3,540 J	4,400 J	2,280 J	7,440	4,430	3,560	5,880 J	5,500 J	4,980 J	3,170 J	2,320 J	1,490 J	4,360 J	3,320 J	11,200 J	6,390 J	7,580 J	2,270 J	7,040 J	6,490 J	5,780 J	6,230 J	4,360 J	8,430 J	10,200 J	15,400 J	20,200 J	8,700 J	12,400 J	6,180 J
Antimony, Total	NS	0.43 U	0.39 U	0.36 U	0.6 J	0.43 UJ	0.49 UJ	0.77 J	0.43 U	0.44 U	0.46 U	0.43 U	0.42 U	0.44 U	0.41 U	0.45 U	0.46 U	0.51 U	0.45 U	0.63 J	0.43 U	0.43 U	0.49 U	0.45 U	0.47 U	0.47 U	0.5 U	0.49 U	0.52 U	0.52 U	0.45 U
Arsenic, Total	24*	3.6 J	2 J	0.97 J	6.8 J	4.6 J	2.5 J	13.3	2 J	6.3 J	1.8 J	1.3 J	1.3 J	1.9 J	1.4 J	10 J	2.9 J	3.1 J	3.5 J	4.4 J	4.4 J	3.3 J	3.2 J	2.3 J	3.4 J	4.6 J	4.8 J	3.1 J	3.2 J	4 J	1.1 J
Barium, Total	400	26.8	23.6	12.7	63.6 J	24.7 J	43.8 J	58.8 J	32.3 J	38.4 J	14.8 J	14.3 J	9.7 J	17.7 J	24.5 J	93.4 J	30.7	28	12.5	44.4	47.1	23	26.8	19.8	30.2	36.5	112	68.9	47.7	44.6	15.8
Beryllium, Total	72	0.17 J	0.22 J	0.18 J	0.39 J	0.12 J	0.17 J	0.29 J	0.14 J	0.16 J	0.17 J	0.16 J	0.15 J	0.25 J	0.16 J	0.3 J	0.38 J	0.34 J	0.15 J	0.39 J	0.33 J	0.38 J	0.18 J	1.1 U	0.66 J	0.55 J	1 J	0.74 J	0.64 J	0.37 J	0.18 J
Cadmium, Total	4.3	0.087 J	0.087 J	0.094 J	0.11 J	0.085 J	0.12 J	0.44 J	0.17 J	0.22 J	0.053 J	0.04 J	0.04 J	0.05 J	0.038 J	0.11 J	0.06 J	0.075 J	0.034 U	0.12 J	0.11 J	0.059 J	0.05 J	0.043 J	0.078 J	0.069 J	0.14 J	0.1 J	0.061 J	0.052 J	0.07 J
Calcium, Total	NS	272 U	246 U	227 U	385 BJ	1,220 BJ	815 BJ	1,080	1,240	763	208 J	142 J	81.3 J	96 J	57.9 J	287	286 U	322 U	284 U	782	674	225 J	52.4 J	29 J	55.9 J	97.5 J	110 J	47.9 J	145 J	92.1 J	548
Chromium, Total[e]	180	10.2 J	7.9 J	6.8 J	13.6	21	18.7	13.2	15	12.9	5.4	5	5	6.4	5.6	32.7	9.3 B	12.9 B	14.1 B	10	9.4	14.2	8.8	13.8	37	18.1	54	49.8	9.4	18	10.6
Cobalt, Total	NS	2.1 J	1.9 J	2.2 J	8.9	9.9	106	7.8	6.5	4.6	2.4 J	1.7 J	1.9 J	2.4 J	2 J	4.8	4	7.2	0.7 J	3.7	3.4	2.7	2.1 J	1.4 J	6	5.3	23.7	13.5 J	4.3	3.6	3.2
Copper, Total	270	34.5	59.4	5.3	9.8	11.2	6.8	44.8 J	218 J	59.1 J	4.8 J	3.4 J	3.2 J	3.1 J	2.3 J	11.1 J	4.9 J	6.5	15.7	9.5	9.4	10.8	7.4	6.6	11.5	11.3	20.1	16.9	6.8	10.4	8.3
Iron, Total	NS	12,000 J	9,410 J	6,770 J	18,000 BJ	8,400 BJ	21,800 BJ	11,200 B	7,090 B	10,200 B	5,960 B	5,340 B	4,650 B	5,870 B	5,210 B	36,300 B	9,190 B	15,400 B	13,000 B	9,250 BJ	8,940 BJ	17,100 BJ	7,360 BJ	6,800 BJ	20,400 BJ	20,000 BJ	35,700 BJ	33,700 BJ	9,110 BJ	13,600 BJ	5,230 BJ
Lead, Total	400	3.6 J	3.7 J	2.2 J	13.8	4.3 J	2.3 J	16	4.8 J	7.8	2.4 J	1.6 J	1.3 J	4.5 J	2.1 J	12.3	6.6	4.9 J	4.9 J	48.3	36.8	5.1 J	23	5.5 J	5.6 J	39.7	14.5	7.5	14.4	7.5	4.5 J
Magnesium, Total	NS	634	567	291	1,470	2,100	1,780	1,390 J	1,860 J	1,330 J	750 J	659 J	329 J	597 J	446 J	3,610 J	998	1,260	266	1,310	1,250	768	801	623	998	1,050	1,560	2,420 J	1,070	1,620	1,680
Manganese, Total	2,000[f]	32	18.6	20.6	426 BJ	80.6 BJ	818 BJ	212 BJ	77.3 BJ	103 BJ	176 BJ	150 BJ	180 BJ	102 BJ	117 BJ	119 BJ	132 BJ	257 BJ	13.4 BJ	224 J	174 J	48 J	83.4 J	46.5 J	63.9 J	217 J	820 J	185 J	419 J	113 J	51 J
Nickel, Total	310	5.9 J	6.6 J	5.5 J	15.8 J	11.9 J	41.6	20.4 J	9.6 J	8.6 J	3.9 J	2.8 J	3.2 J	4.7 J	3.4 J	10 J	6.5 J	7.2 J	3.1 J	7.2 J	8.1 J	7.6 J	5.2 J	4.2 J	15.9 J	13.2 J	34.3	28.6 J	8.2 J	8.8 J	8.8 J
Potassium, Total	NS	781	642	433	515	1,370	1,200	654 J	786 J	676 J	462 J	427 J	231 J	245 J	216 J	1,860 J	453	706	524	467	483	666	322	346	499	339	1,110	1,830 J	227	499	612
Selenium, Total	180	0.62 J	0.39 J	0.36 J	0.48 U	0.5 J	0.49 U	0.43 U	0.43 U	0.44 U	0.46 U	0.43 U	0.42 U	0.44 U	0.41 U	1.6 J	0.57 J	0.54 J	0.45 U	0.46 U	0.43 U	0.43 U	0.49 U	0.45 U	0.47 U	0.47 U	0.5 U	0.49 U	0.52 U	0.52 U	0.45 U
Silver, Total	180	0.22 U	0.2 U	0.18 U	0.24 U	0.22 U	0.24 U	0.21 U	0.22 U	0.22 U	0.23 U	0.21 U	0.21 U	0.22 U	0.2 U	0.23 U	0.23 U	0.26 U	0.23 U	0.23 U	0.22 U	0.21 U	0.25 U	0.23 U	0.24 U	0.23 U	0.25 U	0.25 U	0.26 U	0.26 U	0.23 U
Sodium, Total	NS	43.2 J	59.2 J	28.3 J	43.1 J	48.4 J	49.4 J	74.9 J	63.6 J	54.1 J	22.2 J	17.7 J	14.8 J	17.7 J	13.2 U	151 J	24.7 J	29 J	27.3 J	26.6 J	28.3 J	18.4 J	20.1 J	18.4 J	42.4 J	21.8 J	29.2 J	21.2 J	22.7 J	27.6 J	34.4 J
Thallium, Total	NS	0.33 U	0.3 U	0.27 U	0.36 U	0.32 U	0.36 U	0.32 U	0.32 U	0.33 U	0.35 U	0.32 U	0.31 U	0.33 U	0.3 U	0.34 U	0.34 U	0.39 U	0.34 U	0.34 U	0.32 U	0.32 U	0.37 U	0.34 U	0.35 U	0.35 U	0.38 U	0.37 U	0.39 U	0.39 U	0.34 U
Vanadium, Total	NS	13.9	13.2	10.4	18.3	19.4	15.9 J	14.7	14.7	15.3	7	5.8	4.9	7.9	6.8	40.2	13.2	17.7	14.5	15.6	14.4	21.3	16.7	13.6	22.5	22.8	36.8	28.2	13.7	24.2	9.7
Zinc, Total	10,000[d]	21 B	20.3 B	14.6 B	23.2 BJ	27.1 BJ	35.9 BJ	46.8 B	48.7 B	38.5 B	11.5 U	10.7 U	10.4 U	17.8 B	10.3 B	34.1 B	16.7 B	18.9 B	11.4 U	30.1 BJ	26.9 BJ	24.7 BJ	13.7 BJ	11.3 U	31.1 BJ	26.2 BJ	44.2 BJ	50.8 BJ	18.1 BJ	19.4 BJ	17.3 BJ
Mercury, Total	0.81[j]	0.0092 UJ	0.0081 UJ	0.0086 UJ	0.051	0.008 U	0.0086 U	0.017 J	0.0083 U	0.015 J	0.0083 U	0.0087 U	0.0081 U	0.011 J	0.0079 U	0.009 U	0.011 J	0.023	0.0084 U	0.06 J	0.066 J	0.0084 UJ	0.029 J	0.023 J	0.0095 J	0.025 J	0.03 J	0.0083 UJ	0.057 J	0.018 J	0.0091 UJ

Client Sample ID:	NYSDEC [1]	LT-C-069			LT-C-070			LT-C-071			LT-C-072			LT-C-073			LT-C-074			LT-C-075			LT-C-076			LT-G-001			LT-G-003		
Sample Depth:	Soil Cleanup Objectives	0-2	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-55280-17	480-55280-18	480-55280-19	480-55330-15	480-55330-16	480-55330-17	480-55330-21	480-55330-22	480-55330-23	480-55391-1	480-55391-2	480-55391-3	480-55391-4	480-55391-5	480-55391-6	480-55391-10	480-55391-11	480-55391-12	480-55489-1	480-55489-2	480-55489-3	480-55489-4	480-55489-5	480-55489-6	480-53877-14	480-53877-15	480-53877-16	480-54019-7	480-54019-8	480-54019-9
Sampling Date:	Use	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	1/27/2014	1/27/2014	1/27/2014	1/28/2014	1/28/2014	1/28/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	4,430 J	6,600 J	8,960 J	7,650 J	6,670 J	3,190 J	7,790 J	9,300 J	3,210 J	2,660 J	4,270 J	2,980 J	4,110 J	1,790 J	1,910 J	5,310 J	5,670 J	5,930 J	6,910	4,900	601	4,790	962	4,620	5,970 J	1,950 J	12,000 J	8,210 J	3,180 J	9,890 J
Antimony, Total	NS	0.45 U	0.45 U	0.41 U	0.49 U	0.51 U	0.49 U	0.44 U	0.43 U	0.44 U	0.42 UJ	0.46 UJ	0.44 UJ	0.88 J	0.41 UJ	0.43 UJ	0.46 UJ	0.49 UJ	0.45 UJ	0.42 U	0.48 U	0.43 U	0.63 J	0.42 U	0.43 U	0.45 U	0.42 U	0.47 U	0.40 UJ	0.44 UJ	0.46 UJ
Arsenic, Total	24*	1.7 J	2.2 J	5.2 J	2.9 J	2.1 J	1.5 J	2.5 J	2.3 J	1.8 J	1.5 J	2.1 J	1.7 J	5.8 J	1.2 J	1.3 J	1.5 J	2.3 J	2.7 J	2.6 J	3.2 J	0.74 J	3.2 J	1.2 J	1.2 J	1.9 J	1.1 J	4.9 J	3.9 J	4.6 J	6.7 J
Barium, Total	400	23.2 J	40.9 J	68.8 J	37.7	35.5	11.2	45.5	44.9	20.3	17.2 J	31.9 J	21 J	16.4 J	10.2 J	12.4 J	19.6 J	17.2 J	13.2 J	24.6	19.3	6.7	14.7	5.9	25	187 J	311 J	54.7 J	52.1	23.1 J	47.6
Beryllium, Total	72	0.12 J	0.34 J	0.49 J	0.32 J	0.28 J	0.11 J	0.7 J	0.42 J	0.25 J	0.18 J	0.23 J	0.16 J	0.31 J	0.14 J	0.17 J	0.22 J	0.14 J	0.14 J	0.17 J	0.29 J	0.055 J	0.37 J	0.1 J	0.28 J	0.37 J	0.12 J	0.85 J	0.36 J	0.41 J	0.67 J
Cadmium, Total	4.3	0.034 J	0.061 J	0.064 J	0.043 J	0.038 U	0.036 U	0.042 J	0.038 J	0.046 J	0.052 J	0.073 J	0.06 J	0.17 J	0.031 U	0.032 J	0.039 J	0.038 J	0.045 J	0.072 J	0.1 J	0.064 J	0.3 J	0.032 U	0.058 J	1.1	0.82 J	0.12 J	0.37 J	1.0 J	0.12 J
Calcium, Total	NS	268 J	829	730	101 J	72.8 J	27.3 J	278 U	268 U	277 U	313 J	1,100 J	522 J	142 J	75 J	118 J	79.3 J	72 J	124 J	642	382	38.5 J	413	126 J	415	644 B	178 JB	1,300 B	486 BJ	273 U	1,410 BJ
Chromium, Total[e]	180	10.3	15.7	17.8	9.8	11.1	11.5	10.3 B	15.1 B	10 B	14.8	23.6	19.3	8.5	5.7	6.2	8.5	9.1	11.4	12	8.5	2.6 J	12.6	3.9	12.5	12.7	4.6	30.3	17.8	13.6	25.8
Cobalt, Total	NS	2.1 J	5	5.5	2.7 J	2.9 J	1 J	3.1	4.3	3.6	2.6 J	4 J	4.3 J	2.4 J	2.1 J	2.2 J	2.5 J	1.7 J	1.9 J	4.1	3.3	1.7 J	4.6	0.91 J	3	5.1	15.4	14.6	6.2	6.1	11.3
Copper, Total	270	2 J	6.7 J	12.7 J	4.9 J	5.1 J	4.8 J	4.9 J	7.2	6	5.6 J	9 J	5.7 J	8.3 J	2.4 J	3.2 J	4 J	3 J	6.4 J	15.6	21.4	3.9 J	23.8	4.5 J	16	11.6 B	4.6 JB	14.4 B	95.0	16.9	12.9
Iron, Total	NS	5,810 B	6,790 B	15,600 B	9,140 BJ	11,100 BJ	6,950 BJ	7,470 B	10,200 B	8,370 B	5,710 BJ	9,940 BJ	6,870 BJ	7,060 BJ	4,460 BJ	5,140 BJ	7,640 BJ	7,990 BJ	11,800 BJ	9,760	17,500	2,270	17,900	7,860	11,600	21,400 B	13,000 B	29,500 B	13,300 B	31,500 B	26,200 B
Lead, Total	400	5.4 J	5.7	6.2	7.5	4.7 J	3.7 J	7.9	5.2 J	2.4 J	5.9	3.6 J	4 J	25.1	1.8 J	2.3 J	4.4 J	4.1 J	5.7	4.9 J	2.8 J	0.69 J	5.3	1.2 J	3.1 J	4.0 J	1.1 J	10.5	11.2	2.5 J	8.2
Magnesium, Total	NS	980 J	2,230 J	2,900 J	1,020	1,020	381	754	1,490	720	764 J	1,950 J	1,370 J	522 J	391 J	512 J	1,080 J	1,020 J	866 J	2,130	845	63.9 J	982	208	1,110	1,100 J	364 J	4,620 J	2,140 J	486 J	3,960 J
Manganese, Total	2,000[f]	103 BJ	66.7 BJ	126 BJ	117 J	96.8 J	17.6 J	301 BJ	183 BJ	632 BJ	174 J	229 J	167 J	133 J	134 J	156 J	69 J	56.4 J	51.4 J	324	512	169	375	90	263	5,380 J	5,830 J	586 J	186	662	204
Nickel, Total	310	4.4 J	12.2 J	17.2 J	6.6 J	6 J	2.9 J	7.8 J	9.1 J	5.3 J	9.3 J	14.5 J	12.2 J	5.2 J	3.8 J	3.5 J	5.1 J	3.6 J	4.1 J	7.6 J	4.2 J	1.4 J	6 J	1.9 J	6 J	20.4 J	14.2 J	23.0 J	13.9 J	11.0 J	17.8 J
Potassium, Total	NS	524 J	990 J	1,780 J	306	457	397	200	532	491	575	1,610	709	182	225	338	477	529	422	980	541	85.4 J	483	155 J	863	519	342	2,700	869 J	428 J	2,240
Selenium, Total	180	0.53 J	0.45 U	0.41 U	0.49 U	0.51 U	0.49 U	0.44 U	0.43 U	0.44 U	0.42 U	0.46 U	0.44 U	1.1 J	0.41 U	0.43 U	0.46 U	0.67 J	0.45 U	0.42 U	0.48 U	0.43 U	0.57 J	0.42 U	0.46 J	0.52 J	0.60 J	0.47 U	0.40 U	0.44 U	0.52 J
Silver, Total	180	0.23 U	0.23 U	0.21 U	0.24 U	0.25 U	0.24 U	0.22 U	0.21 U	0.22 U	0.21 U	0.23 U	0.22 U	0.24 U	0.21 U	0.22 U	0.23 U	0.25 U	0.22 U	0.21 U	0.24 U	0.21 U	0.21 U	0.21 U	0.21 U	0.23 U	0.21 U	0.24 U	0.20 U	0.22 U	0.23 U
Sodium, Total	NS	35 J	44.3 J	37.1 J	17 J	20.2 J	19.3 J	20.1 J	28.3 J	25.7 J	14.4 J	26.9 J	28 J	15.6 U	13.4 U	14 U	15 U	16 U	15.9 J	87.8 J	54.2 J	13.8 U	44.4 J	21.1 J	54.2 J	84.2 J	44.4 J	96.2 J	707 U	764 U	812 U
Thallium, Total	NS	0.34 U	0.34 U	0.31 U	0.37 U	0.38 U	0.36 U	0.33 U	0.32 U	0.33 U	0.31 U	0.35 U	0.33 U	0.36 U	0.31 U	0.32 U	0.35 U	0.37 U	0.34 U	0.31 U	0.36 U	0.32 U	0.32 U	0.32 U	0.32 U	0.34 U	0.32 U	0.35 U	0.30 U	0.33 U	0.35 U
Vanadium, Total	NS	10.6	19.3	22.8	14.9	14.7	13	10.7	18.5	9.2	7.9	13.4	9.1	14	5.1	6.7	11	12.2	16	18.8	13.7	2.3 J	14.2	4.7	14.8	17.2	4.7	34.2	22.2	15.1	30.4
Zinc, Total	10,000[d]	15.3 B	25.9 B	39 B	15.6 BJ	17.6 BJ	12.1 U	17.7 B	22.7 B	11.1 U	10.8 BJ	17.5 BJ	11.7 BJ	13.1 BJ	10.3 U	10.8 U	15.5 BJ	12.3 U	12.3 BJ	19.5	11.5 J	3.6 J	23.7	4.5 J	17.8	60.4 B	33.6 B	70.7 B	51.4 B	56.7 B	55.8 B
Mercury, Total	0.81[j]	0.0084 U	0.014 J	0.008 U	0.016 J	0.011 J	0.0088 U	0.015 J	0.0089 U	0.0084 U	0.012 J	0.0093 U	0.0091 U	0.075	0.0083 U	0.0086 U	0.014 J	0.014 J	0.0093 J	0.0082 U	0.0089 U	0.0086 U	0.011 J	0.0081 U	0.0088 U	0.012 J	0.0091 U	0.013 J	0.0081 U	0.0089 U	0.0097 U

Client Sample ID:	NYSDEC [1]	LT-G-004			LT-G-005			LT-G-006			LT-G-007			LT-G-008			LT-G-009			LT-G-010			LT-G-013			LT-G-014			LT-G-015		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-54019-10	480-54019-11	480-54017-12	480-54124-2	480-54124-3	480-54124-4	480-54003-1	480-54003-2	480-54003-3	480-54003-5	480-54003-6	480-54003-7	480-54003-11	480-54003-12	480-54003-13	480-54003-14	480-54003-15	480-54003-16	480-54003-17	480-54003-18	480-54003-19	480-54064-1	480-54064-2	480-54064-3	480-54064-4	480-54064-5	480-54064-6	480-54064-8	480-54064-9	480-54064-10
Sampling Date:	Use	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/30/2014	1/30/2014	1/30/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	3,060 J	3,880 J	8,700 J	4,550 J	5,900 J	8,980 J	8,000 J	4,930 J	3,750 J	10,600 J	8,640 J	3,200 J	7,430 J	7,280 J	1,620 J	7,740 J	9640 J	3,490 J	4140 J	2,510 J	2,090 J	4,890	10,200	10,200	10,200	5,560	4,630	9,340	10,600	16,600
Antimony, Total	NS	0.47 UJ	0.41 UJ	0.53 UJ	4.6 J	0.47 U	0.50 U	0.48 J	0.44 U	0.50 U	0.41 J	0.50 U	0.45 U	0.50 J	0.40 U	0.43 U	0.44 J	0.41 U	0.43 U	0.47 U	0.51 J	0.44 U	0.75 J	0.42 UJ	0.48 UJ	0.41 UJ	0.42 UJ	0.39 UJ	0.47 UJ	0.46 UJ	0.44 UJ
Arsenic, Total	24*	1.7 J	2.4 J	2.2 J	10.1 J	3.8 J	4.7 J	0.48 J	0.44 J	0.50 J	11.2	0.50 J	0.45 J	0.50 J	0.40 J	0.43 J	13.0	0.41 J	0.43 J	0.47 J	14.5	0.44 J	4.0 J	4.0 J	2.3 J	11.6	4.5 J	5.4 J	5.4 J	3.8 J	3.4 J
Barium, Total	400	15.0 J	26.0 J	52.5	35.4	54.4	78.1	38.6	34.7	27.4	47.3	54.5	17.8	37.2	38.0	9.1	56.0	55.0	30.6	37.1	106	16.8	26.6 J	33.2 J	23.9 J	64.7 J	34.4 J	28.8 J	43.0 J	34.3 J	122 J
Beryllium, Total	72	0.15 J	0.11 J	0.56 J	0.60 J	0.28 J	0.80 J	0.034 J	0.031 J	0.035 J	0.029 J	0.035 J	0.032 J	0.035 J	0.028 J	0.030 J	0.031 J	0.29 J	0.030 J	0.033 J	0.036 J	0.031 J	0.31 J	0.56 J	0.71 J	0.62 J	0.41 J	0.28 J	0.36 J	0.28 J	0.67 J
Cadmium, Total	4.3	0.079 J	0.10 J	0.040 U	37.7	0.24 J	0.28 J	0.036 J	0.033 J	0.037 J	0.031 J	0.038 U	0.034 U	0.037 J	0.030 J	0.032 J	0.033 J	0.031 J	0.033 J	0.035 U	0.038 U	0.033 U	0.044 J	0.22 J	0.092 J	0.54 J	0.46 J	0.092 J	0.082 J	0.046 J	0.075 J
Calcium, Total	NS	295 U	258 U	1,290 BJ	969 BJ	1,290 BJ	1,610 BJ	527 B	1040 B	1050 B	411 B	1330 B	372 B	502 B	668 B	280 B	393 B	1600 B	272 U	721 B	614 B	274 U	388	12.00	1,770	662	514	1,550	296 U	288 U	1,210 J
Chromium, Total[e]	180	6.5	8.6	22.1	11.3	18.8	23.5	15.4	16.8	9.9	18.3	20.9	8.7	16.1	16.8	4.2	16.7	31.4	7.3	8.6	7.3	9.6	16.1 J	9.7 J	10.5 J	16.1 J	9.0 J	10.7 J	13.6 J	13.2 J	31.1 J
Cobalt, Total	NS	2.4 J	4.1	7.7	301 J	59.5 J	40.4 J	7.6	9.2	3.9	6.6	5.3	0.057 J	10.5	14.4	41.1	5.2	26.1	7.6	3.4	0.064 J	0.055 J	6.2	9.6	9.8	9.3	7.6	8.4	6.0	4.4	16.4
Copper, Total	270	24.4	18.8	17.2	282	9.1	23.3	11.4	12.3	7.6	9.1	14.6	0.24 J	37.8	21.5	131	18.3	39.0	33.7	6.4	0.27 J	0.23 J	11.7	5.6	6.8	30.0	9.4 J	10.9	8.2	9.0	20.8
Iron, Total	NS	7,190 B	7,920 B	13,500 B	8,150 B	12,900 B	21,900 B	13,400 B	12,700 B	10,800 B	30,100 B	13,200 B	6,720 B	14,300 B	13,700 B	4,620 B	37,900 B	15500 B	6,790 B	18100 B	73,100 B	24,200 B	11,400 B	18,300 B	16,900 B	19,100 B	11,000 B	11,600 B	15,400 B	12,200 B	21,900 B
Lead, Total	400	5.1 J	3.4 J	8.4	39.6	3.1 J	9.4	14.3	0.26 J	0.035 J	38.5	6.5	0.27 J	21.6	5.8	0.26 J	56.9	0.25 J	0.26 J	0.28 J	0.31 J	0.26 J	7.3	7.0	7.5	8.0	4.3 J	4.0 J	20.6	7.7	9.6
Magnesium, Total	NS	560 J	998 J	2,730 J	1,460 J	3,260 J	3,280 J	1650	1670	1,350	1,580	3,320	1,040	1,760	1,870	363	1,960	3880	973	1230	733	521	1,240 J	3,770 J	4,320 J	2,720 J	1,460 J	2,090 J	1,470 J	2,800 J	6,270 J
Manganese, Total	2,000[f]	260	491	183	131 J	176 J	207 J	376	155	73.5	447	76.5	86.0	245	190	120	156	562	424	267	1,830	191	243 J	1,600 J	187 J	168 J	178 J	72.2 J	278 J	128 J	602 J
Nickel, Total	310	3.7 J	4.8 J	13.6 J	159 J	32.8 J	35.4 J	0.28 J	0.25 J	7.4 J	0.24 J	0.29 J	0.26 J	34.3	0.23 J	0.25 J	0.25 J	0.24 J	0.25 J	0.27 J	0.29 J	0.25 J	12.9 J	22.1 J	18.7 J	32.1	16.9 J	17.5 J	7.9 J	10.1 J	24.1 J
Potassium, Total	NS	331 J	412 J	1,900 J	595	1,290	2,150	803	834	826	387	1,030	358	776

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC [1]	LT-G-016			LT-G-017			LT-G-018			LT-G-019			LT-G-020			LT-G-021			LT-G-022			LT-G-023			LT-G-024			LT-G-025		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54064-11	480-54064-12	480-54064-13	480-54064-14	480-54064-15	480-54064-16	480-54064-17	480-54064-18	480-54064-19	480-54381-28	480-54381-29	480-54381-30	480-54381-34	480-54381-35	480-54381-36	480-54421-20	480-54421-21	480-54421-22	480-54421-16	480-54421-17	480-54421-18	480-54421-2	480-54421-3	480-54421-4	480-54485-10	480-54485-11	480-54485-12	480-54485-7	480-54485-8	480-54485-9
Sampling Date:	Use	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	9,990	10,000	6,260	7,540	11,400	9,950	8,390	16,300	16,000	5,710 J	9,960 J	7,670 J	3,760 J	7,110 J	2,690 J	3,790 J	3,980 J	6,770 J	7,840 J	5,930 J	915 J	5,250 J	4,670 J	9,500 J	760 J	969 J	718 J	5,030 J	5,560 J	3,740 J
Antimony, Total	NS	0.45 UJ	0.42 UJ	0.41 UJ	0.46 UJ	0.49 UJ	0.43 UJ	0.45 UJ	0.47 UJ	0.40 UJ	1.6 J	16.7 J	0.44 UJ	1.4 J	0.40 UJ	0.58 J	0.42 J	0.46 U	0.44 U	18.5 J	0.75 J	0.44 U	8.4 J	1.2 J	0.77 J	1.1 J	0.65 J	0.39 UJ	5.7 J	5.1 J	0.42 J
Arsenic, Total	24*	3.8 J	3.7 J	3.3 J	5.0 J	5.1 J	2.9 J	4.8 J	6.4 J	6.1 J	9.7 J	181	4.1 J	10.5	3.9 J	27.8 J	2.6 J	1.8 J	2.8 J	31.8	5.0 J	0.74 J	12.8	7.0 J	11.9 J	4.3 J	3.9 J	1.1 J	23.0 J	22.6 J	9.1 J
Barium, Total	400	42.6 J	33.6 J	32.4 J	42.0 J	59.6 J	49.1 J	46.6 J	43.9 J	83.0 J	36.0 J	57.5 J	72.6 J	24.0 J	37.3 J	20.8	25.8	25.7	56.8	53.7	39.0	4.5 J	36.2	35.2	50.9	2.8 J	6.0	3.2 J	41.8	43.0	16.2
Beryllium, Total	72	0.45 J	0.36 J	0.47 J	0.50 J	0.50 J	0.46 J	0.49 J	0.51 J	0.61 J	0.33 J	0.51 J	0.48 J	0.18 J	0.28 J	0.12 J	0.22 J	0.18 J	0.23 J	0.32 J	0.19 J	0.075 J	0.32 J	0.15 J	0.54 J	0.073 J	0.070 J	0.070 J	0.36 J	0.37 J	0.17 J
Cadmium, Total	4.3	0.053 J	0.031 U	0.065 J	0.097 J	0.037 U	0.032 U	0.083 J	0.035 U	0.13 J	0.16 J	0.87 J	0.26 J	0.078 J	0.075 J	0.13 J	0.21 J	0.061 J	0.035 J	0.51 J	0.33 J	0.033 U	2.5	0.28 J	0.71 J	0.032 J	0.031 UJ	0.029 UJ	6.6 J	5.4 J	0.048 J
Calcium, Total	NS	278 U	262 U	648 J	289 U	1,770 J	887 J	283 U	1,620 J	1,580 BJ	1,670	1,400	1,650	2,210	4,870	633 B	3,110 J	2,540 J	1,510 J	9,170	96,500	274 U	1,660	1,680	2,090	257 U	255 U	245 U	7,670 B	17,900 B	430 BJ
Chromium, Total[e]	180	13.4 J	13.9 J	10.2 J	10.4 J	31.3 J	24.0 J	10.9 J	30.3 J	32.4	32.1	14.5	13.5	6.7	10.4	7.3	12.2	12.4 J	23.4	14.4	14.0	3.2	33.6	19.4	25.7	7.4 J	3.7 J	7.0 J	34.3 J	33.8 J	19.3 J
Cobalt, Total	NS	7.4	6.8	6.7	5.5	7.4	7.0	10.6	10.2	9.9	4.7	26.5	5.2	2.4 J	4.5	9.7	3.2	2.7 J	6.1	7.3	3.0	1.7 J	11.5	3.1 J	9.4	0.55 J	0.86 J	0.46 J	28.8 J	13.5 J	3.1 J
Copper, Total	270	7.1	7.2	7.1	6.9	9.9	16.1	7.2	9.6	10.1	49.1 J	88.2 J	10.5 J	9.2 J	12.7 J	4.4 J	14.9	13.5	17.2	189	18.2	2.0 J	154	20.1	41.1	5.1 UJ	5.1 UJ	4.9 UJ	202 BJ	203 BJ	9.0 BJ
Iron, Total	NS	15,000 B	16,500 B	12,900 B	9,600 B	27,100 B	15,900 B	13,900 B	29,300 B	337,00	12,700 B	12,400 B	9,430 B	6,110 B	10,400 B	8,880 B	7,510	7,320	13,100	27,600	6,630	1,980	11,400	14,000	27,500	4020 B	4,550 B	3,280 B	14,100 B	12,800 B	8,790 B
Lead, Total	400	8.3	6.0	4.9 J	22.6	8.7	5.5	23.2	7.7	10.6	53.5	314	30.9	26.3	31.9	6.6	15.3	7.5	5.2 J	885	13.4	1.0 J	129	12.9	80.2	2.2 J	0.92 J	0.55 J	162 J	164 J	3.4 J
Magnesium, Total	NS	1,660 J	1,910 J	2,020 J	1,180 J	5,190 J	3,330 J	1,370 J	6,310 J	5,740 J	1,770 J	1,800 J	1,340 J	1,320 J	1,830 J	911	1,340 J	1,170 J	3,230 J	2,370 J	35,200 J	218 J	1,520 J	1,560 J	3,110 J	84.7 J	103 J	77.3 J	2,200 J	5,230 J	1,250 J
Manganese, Total	2,000[f]	498 J	377 J	523 J	412 J	424 J	269 J	805 J	486 J	478	186 BJ	220 BJ	273 BJ	86.7 BJ	118 BJ	47.8 BJ	170 B	126 B	183 B	251 B	140 B	29.4 B	128 B	83.8 B	573 B	31.5 B	40.1 B	53.0 B	365 B	179 B	163 B
Nickel, Total	310	10.1 J	9.2 J	10.9 J	8.2 J	13.7 J	12.2 J	8.3 J	14.0 J	13.4 J	11.0 J	29.5	9.7 J	4.9 J	8.4 J	9.1 J	7.3 J	5.7 J	14.0 J	12.0 J	7.0 J	1.7 J	18.0 J	6.1 J	18.6 J	1.6 J	1.6 J	2.3 J	22.5 J	20.2 J	8.2 J
Potassium, Total	NS	518 J	682 J	1,270 J	365 J	3,060	1,530 J	618 J	2,580	2,380 J	871 J	512 J	353 J	528 J	626 J	340	603	627	1,550	1,270	787	161 J	757	1,690	1,880	80.9 J	125 J	77.8 J	835	871	427
Selenium, Total	180	0.45 U	0.42 U	0.41 U	0.47 J	0.49 U	0.43 U	0.55 J	0.47 U	0.40 U	0.43 U	10.1 J	1.1 J	2.3 J	0.40 U	0.39 U	0.41 U	0.53 J	0.44 U	4.1 J	1.3 J	0.44 U	2.3 J	1.1 J	0.66 U	0.83 J	0.92 J	0.39 UJ	3.6 J	3.6 J	0.82 J
Silver, Total	180	0.23 U	0.22 U	0.23 U	0.21 U	0.22 U	0.21 U	0.22 U	0.20 U	0.20 U	0.22 U	1.6 J	0.22 U	0.20 U	0.20 U	0.19 U	0.42 J	0.23 U	0.22 U	3.3	0.21 U	0.22 U	23.1	0.26 U	3.7 J	0.21 UJ	0.20 UJ	0.20 UJ	25.2 J	29.7 J	0.20 UJ
Sodium, Total	NS	780 U	735 U	712 U	808 U	860 U	751 U	792 U	817 U	698 U	133 J	158 J	113 J	53.8 J	78.7 J	59.3 J	710 U	811 U	763 U	779 U	751 U	767 U	138 J	163 J	266 J	13.4 UJ	713 UJ	686 UJ	825 UJ	819 UJ	712 UJ
Thallium, Total	NS	0.33 U	0.31 U	0.30 U	0.35 U	0.37 U	0.32 U	0.34 U	0.35 U	0.30 U	0.33 U	0.30 U	0.33 U	0.31 U	0.30 U	0.29 U	0.30 U	0.35 U	0.33 U	0.33 U	0.32 U	0.33 U	0.34 U	0.40 U	0.50 U	0.31 UJ	0.31 UJ	0.29 UJ	0.35 UJ	0.35 UJ	0.31 UJ
Vanadium, Total	NS	23.6	25.5	20.0	16.5	30.2	28.8	20.4	40.5	38.9	18.4	23.6	15.7	9.3	14.1	6.2	9.4	10.3	19.5	19.5	10	2.5 J	20.0	22.4	32.6	2.7	2.6	2.2 J	19.5	20.9	13.3
Zinc, Total	10,000[d]	27.0 BJ	26.7 BJ	27.8 BJ	24.9 BJ	49.5 BJ	31.0 BJ	32.5 BJ	57.7 BJ	57.3 BJ	36.7 BJ	64.9 BJ	53.2 BJ	20.0 BJ	40.8 BJ	36.8 BJ	23.5 BJ	18.3 BJ	20.8 BJ	57.5 BJ	56.5 BJ	11.0 U	98.5 BJ	28.0 BJ	137 BJ	21.2 BJ	19.8 BJ	9.8 UJ	194 BJ	169 BJ	56.0 BJ
Mercury, Total	0.81[i]	0.025	0.018 J	0.0088 U	0.056	0.0095 U	0.0095 U	0.073	0.0087 U	0.0090 U	0.036	5.6	0.12	0.020 J	0.034	0.0090 J	0.012 J	0.018 J	0.011 J	7.9	0.76	0.0094 U	0.33	0.011 U	0.21	0.0085 U	0.0081 U	0.0079 U	0.39	0.38	0.18

Client Sample ID:	NYSDEC [1]	LT-G-026			LT-G-027			LT-G-028			LT-G-029			LT-G-030			LT-G-031			LT-G-032			LT-G-033			LT-G-034			LT-G-035		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-55157-18	480-55157-19	480-55157-20	480-55157-21	480-55157-22	480-55157-23	480-55212-4	480-55212-5	480-55212-6	480-55212-7	480-55212-8	480-55212-9	480-55212-12	480-55212-13	480-55212-14	480-55212-15	480-55212-16	480-55212-17	480-55212-18	480-55212-19	480-55212-20	480-55212-21	480-55212-22	480-55212-23	480-55212-24	480-55212-25	480-55212-26	480-55212-27	480-55212-28	480-55212-29
Sampling Date:	Use	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	2,080 J	5,800 J	8,210 J	7,640 J	4,800 J	4,550 J	16,400	7,760	10,300	6,000	6,420	2,140	8,380	5,890	2,890	10,500	2210	2,150	6,870	3,540	3,740 J	3,190 J	2,020 J	2,040 J	4,190 J	5,220 J	6,530 J	5,530 J	10,500 J	4,750 J
Antimony, Total	NS	0.54 U	0.46 U	0.43 U	0.44 U	0.47 U	0.52 U	0.51 UJ	0.46 UJ	0.45 UJ	0.66 UJ	0.67 UJ	0.44 UJ	0.8 J	0.48 J	0.47 UJ	0.48 UJ	0.46 UJ	0.41 UJ	0.45 UJ	0.43 UJ	0.45 UJ	0.46 UJ	0.46 UJ	0.43 UJ	0.4 UJ	0.47 UJ	0.47 UJ	0.47 UJ	0.45 UJ	0.46 UJ
Arsenic, Total	24*	2.1 J	2.1 J	4.5 J	5.8 J	5.6 J	6 J	3.7 J	2.6 J	2.5 J	3 J	5 J	1 J	4.1 J	4.8 J	4.6 J	5.2 J	1.3 J	1.2 J	1.5 J	2.9 J	6.3 J	5.3 J	2 J	1.9 J	1.4 J	11.6	8 J	5.6 J	4.6 J	2.2 J
Barium, Total	400	18.3 J	30.3 J	60.4 J	54.6 J	86.2 J	40 J	196 J	50.3 J	79 J	29.1 J	45.7 J	21.7 J	41.2 J	38.2 J	28 J	22.5 J	11.5 J	12.4 J	49.1 J	34.3 J	17.4 J	32.1 J	16.2 J	17.6 J	41.2 J	36.9 J	44.4 J	49.9 J	72.2 J	39.9 J
Beryllium, Total	72	0.057 J	0.24 J	0.28 J	0.32 J	0.45 J	0.17 J	0.88 J	0.43 J	0.67 J	0.19 J	0.29 J	0.098 J	0.38 J	0.23 J	0.43 J	0.29 J	0.11 J	0.14 J	0.37 J	0.25 J	1.7 J	0.24 J	0.26 J	0.47 J	0.14 J	0.29 J	0.16 J	0.37 J	0.61 J	0.47 J
Cadmium, Total	4.3	0.062 J	0.055 J	0.08 J	0.16 J	0.25 J	0.12 J	0.12 J	0.078 J	0.12 J	0.087 J	0.12 J	0.054 J	0.18 J	0.22 J	0.18 J	0.075 J	1.2 U	0.037 J	0.062 J	0.053 J	0.044 J	0.19 J	0.35 J	0.044 J	0.033 J	0.077 J	0.15 J	0.29 J	0.32 J	4.8
Calcium, Total	NS	1,120 B	758 B	696 B	2,010 BJ	9,610 BJ	709 BJ	2,130 BJ	1,700 BJ	4,130 BJ	523 BJ	1,250 BJ	277 U	627 BJ	542 BJ	447 BJ	518 BJ	288 BJ	256 U	1,130 BJ	470 BJ	447 BJ	287 U	285 U	368 BJ	565 BJ	838 BJ	1,170 BJ	750 BJ	1,190 BJ	790 BJ
Chromium, Total[e]	180	5.2 J	13.1 J	17.1 J	20.5	11.9	13.6	34.3	19.7	20.2	11.1	13.4	6.4	21.5	19.6	12	22.2	5.9	5	25	12	18.3 BJ	9.2 BJ	8.4 BJ	7.6 BJ	10.1 BJ	12.3 BJ	15 BJ	15.8 BJ	22.5 BJ	16.2 BJ
Cobalt, Total	NS	1.1 J	4.3	5.2	6.2 J	12.5 J	6.2 J	18.3	7.7	11.4	5.1	6.2	2.5 J	13	10.6	2.8 J	5.6	2 J	2.6	6.7	4.3	46 J	3.1 J	3 J	6.1 J	3 J	20.2 J	80.2 J	9 J	10.5 J	6.8 J
Copper, Total	270	8.2 J	5.1 J	10.9 J	27.3 J	6 J	7.5 J	25.6	15.2	21.4	8.3	16	6	12.6	9.9	8.7	11.7	4.1 J	3.4 J	10.1	13.8	17.1 J	38.9 J	16.6 J	11.3 J	7.6 J	6.7 J	11.5 J	29.3 J	26.1 J	12.1 J
Iron, Total	NS	3,420 BJ	9,210 BJ	19,700 BJ	15,200 BJ	17,500 BJ	9,690 BJ	23,500 BJ	11,500 BJ	30,800 BJ	9,740 BJ	12,100 BJ	4,930 BJ	19,300 BJ	26,800 BJ	28,600 BJ	21,900 BJ	5150 BJ	5,680 BJ	8,520 BJ	7,950 BJ	6,400 BJ	10,600 BJ	5,670 BJ	9,110 BJ	4,950 BJ	13,700 BJ	9,690 BJ	16,500 BJ	19,800 BJ	11,800 BJ
Lead, Total	400	35.5 J	4.7 J	4.7 J	65.7 J	8.7 J	7.8 J	14.2	8.3	11.4	6.7	7.8	1.7 J	5.7	3.4 J	2.7 J	7.2	1.7 J	2 J	5.5 J	6	15.5	5.6 J	4.2 J	4.7 J	4.5 J	4.6 J	5.5 J	7.5	9	5.6 J
Magnesium, Total	NS	719 J	1,330 J	2,900 J	2,750 J	2,190 J	1,480 J	6,410	2,980	5,710	1,340	2,050	630	2,310	1,830	943	1,650	466	531	2,440	870	1,350 J	908 J	466 J	552 J	1,270 J	1,960 J	2,780 J	1,900 J	3,890 J	1,810 J
Manganese, Total	2,000[f]	49 BJ	99.2 BJ	200 BJ	178 BJ	870 BJ	80.9 BJ	269 BJ	161 BJ	1,100 BJ	198 BJ	225 BJ	129 BJ	727 BJ	629 BJ	231 BJ	231 BJ	166 BJ	270 BJ	136 BJ	90.3 BJ	88.7 BJ	68 BJ	66.6 BJ	120 BJ	56.5 BJ	114 BJ	99.2 BJ	284 BJ	284 BJ	123 BJ
Nickel, Total	310	2.6 J	5.9 J	12.2 J	10.7 J	9.9 J	8.6 J	33.5	16.7 J	24.1 J	7 J	9.9 J	4.1 J	11.9 J	13.7 J	11.8 J	8 J	3.3 J	4.1 J	12.2 J	7.5 J	58.2 BJ	28.7 U	28.5 U	26.7 U	25.1 U	29.1 U	131 BJ	29.2 U	27.9 U	29 U
Potassium, Total	NS	551	573	1,600	1,870 J	596 J	747 J	2,840	1,180	2,270	761	1,370	408	824	896	788	544	339	418	2,600	1,490	440	829	489	556	506	904	1,210	1,260	2,200	944
Selenium, Total	180	0.54 U	0.46 U	0.43 U	0.44 U	0.47 U	0.52 U	0.51 U	0.46 U	0.45 U	0.46 U	0.51 J	0.44 U	1.4 J	0.47 U	0.47 U	0.48 U	0.46 U	0.41 U	0.45 U	0.43 U	0.45 U	0.46 U	0.46 U	0.43 U	0.4 U	0.47 U	0.47 U	0.47 U	0.45 U	0.46 U
Silver, Total	180	0.27 U	0.23 U	0.21 U	0.22 U	0.23 U	0.26 U	0.25 U	0.23 U	0.23 U	0.23 U	0.24 U	0.22 U	0.22 U	0.23 U	0.24 U	0.24 U	0.23 U	0.21 U	0.23 U	0.21 U	0.22 U	0.23 U	0.23 U	0.21 U	0.2 U	0.23 U	0.23 U	0.23 U	0.22 U	0.23 U
Sodium, Total	NS	479 J	53.2 J	65.6 J	480 J	211 J	54.1 J	90.6 J	74.8 J	116 J	30.4 J	41.4 J	24.3 J	32.1 J	37.3 J	21.7 J	24.9 J	15 U	16.2 J	38.2 J	31.1 J	26.9 J	22.1 J	19 J	23.3 J	30.7 J	38.6 J	51 J	38.4 J	61.6 J	37.8 J
Thallium, Total	NS	0.41 U	0.35 U	0.32 U	0.33 U	0.35 U	0.39 U	0.38 U	0.34 U	0.34 U	0.35 U	0.36 U	0.33 U	0.34 U	0.35 U	0.35 U	0.36 U	0.35 U	0.31 U	0.34 U	0.32 U	0.34 U	0.34 U	0.34 U	0.32 U	0.3 U	0.35 U	0.43 J	0.35 U	0.33 U	0.35 U
Vanadium, Total	NS	5.2	15.3	20.2	28.1 J	14.7 J	12 J	46.6	20.4	26.8	15.6	17.7	5.5	22.6	16.9	19.7	29.7	6.8	6	19.2	15.2	31.7 J	11.9 J	12.1 J	10.7 J	12.4 J	15.3 J	18.9 J	20 J	27.9 J	15.5 J
Zinc, Total	10,000[d]	13.5 U	14.3 BJ	30.9 BJ	45.9 BJ	25.1 BJ	37.9 BJ	66.4 BJ	46.5 BJ	49.8 BJ	21.2 BJ	27.3 BJ	11.1 U	40.3 BJ	32.3 BJ	28.4 BJ	26 BJ	11.5 U	10.3 U	29 BJ	19 BJ	260 BJ	27 BJ	32.3 BJ	28.2 BJ	14.4 BJ	41.4 BJ	313 BJ	45 BJ	63.1 BJ	80.8 BJ
Mercury, Total	0.81[i]	0.1	0.0088 U	0.013 J	0.088 J	0.016 J	0.0098 U	0.0093 J	0.0083 U	0.0085 U	0.025	0.011 J	0.0085 U	0.012 J	0.01 J	0.009 J	0.0083 U	0.0081 U	0.0093 U	0.0083 U	0.0081 U	0.012 J	0.0087 U	0.0085 U	0.0082 U	0.0089 U	0.0081 U	0.0083 U	0.0085 U	0.1	0.0083 U

Client Sample ID:	NYSDEC [1]	LT-G-036			LT-G-037			LT-R-001			LT-R-002			LT-R-003			LT-GI-001			LT-GI-002			LT-GI-003			LT-GI-004			LT-GI-005		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-5'	5-10'		0-5'	5-10'		0-5'	5-10'		0-2'	4-6'		0-2'	2-4'		0-2'			0-2'			0-2'	2-4'	
Laboratory ID:	Restricted-Residential	480-55280-4	480-55280-5	480-55280-6	480-55280-7	480-55280-8	480-55280-9	480-54118-5	480-54118-6		480-54308-1	480-54308-2		480-54308-3	480-54308-4		480-54120-1	480-54120-2		480-54120-3	480-54120-4		480-54634-6			480-54634-7			480-54634-8	480-54634-9	
Sampling Date:	Use	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	1/31/2014	1/31/2014		1/31/2014	1/31/2014		1/31/2014	1/31/2014		1/30/2014	1/30/2014		1/30/2014	1/30/2014		2/10/2014			2/10/2014			2/10/2014	2/10/2014	
Total Metals (mg/kg)																															
Aluminum, Total	NS	7,260 J	9,570 J	6,930 J	5,980 J	8,100 J	18,000 J	-	-		-	-		-	-		1,980 J	4,110 J		8,960 J	6,680 J		5,450 J			5,500 J			2,430 J	5,020 J	
Antimony, Total	NS	0.43 J	0.47 U	0.47 U	0.4 U	0.45 U	0.45 U	-	-		-	-		-	-		0.42 U	52.2 J		0.41 U	0.45 U		0.47 U			12.3 J			16.0 J	46.9 J	
Arsenic, Total	24*	9.1 J	4.4 J	11.1 J	5.9 J	4.1 J	2.4 J	4.7 J	3.5 J		119	12.6		3.3 J	145		1.2 J	48.9		2.9 J	4.0 J		5.5 J			17.4			12.5	12.3	
Barium, Total	400	63.9 J	79.4 J	113 J	49.6 J	61.7 J	193 J	-	-		-	-		-	-		10.4 J	91.0 J		121 J	46.0 J		76.0			36.1			17.1	23.1	
Beryllium, Total	72	0.47 J	0.61 J	0.62 J	0.35 J	0.43 J	0.77 J	-	-		-	-		-	-		0.055 J	0.17 J		0.034 J	0.18 J		0.33 J			0.33 J			0.13 J	0.25 J	
Cadmium, Total	4.3	0.2 J	0.12 J	0.18 J	0.32 J	0.16 J	0.33 J	-	-		-	-		-	-		0.036 J	0.65 J		0.26 J	0.19 J		0.37 J			3.8			0.14 J	0.16 J	
Calcium, Total	NS	1,170	1,640	1,440	810	1,230	2,380	-	-		-	-		-	-		718 BJ	4,390 BJ		13,200 BJ	15,700 BJ		2,650 BJ			5,360 BJ			3,880 BJ	816 BJ	
Chromium, Total[e]	180	13	20.3	17.5	14.9	19.5	37.5	-	-		-	-		-	-		3.3	22.1		17.9	13.2		10.4			27.4			7.0	10.1	
Cobalt, Total	NS	9.2	5.5	12.7	7.2	7.3	15.1	-	-		-	-		-	-		1.2 J	11.6		8.4	5.3		27.6			14.3			3.9	33.7	
Copper, Total	270	8.3 J	12.4 J	5.6 J	44.5 J	19.3 J	30 J	-	-		-	-		-	-		5.3	91.6		22.3	18.4		37.2 B			143 B			11.5 B	10.4 B	
Iron, Total	NS	13,400 B	11,700 B	27,800 B	13,100 B	17,100 B	25,200 B	-	-		-	-		-	-		2,980 BJ	23,200 BJ		14,000 BJ	11,900 BJ		9,500 B			12,000 B			5,970 B	9,140 B	
Lead, Total	400	22.4	37.7	7.4	10.1	5.9	13.2	20.1	11.2		76.4	9.8		22.5	15.7		7.9	893		112	70.2		173			112			19.0	15.9	
Magnesium, Total	NS	1,300 J	2,310 J	1,160 J	1,660 J	2,820 J	8,540 J	-	-		-	-		-	-		571 J	1,430 J		4,720 J	7,790 J		1,080 J			3,500 J			2,180 J	1,180 J	
Manganese, Total	2,000[f]	230 BJ	646 BJ	3,700 BJ	193 BJ	160 BJ	408 BJ	-	-		-	-		-	-		59.9 J	416 J		247 J	227 J		154 B			150 B			71.5 B	192 B	
Nickel, Total	310	16.6 J	13.6 J	13.5 J	13 J	15.8 J	33.4	-	-		-	-		-	-		2.4 J	25.0 J		15.7 J	13.4 J		11.1 J			23.8 J			5.7 J	14.4 J	
Potassium, Total	NS	318 J	587 J	482 J	1,070 J	1,970 J	6,120 J	-	-		-	-		-	-		253	604		3,540	1,010		434			850			387	665	
Selenium, Total	180	1 J	0.63 J	0.47 U	0.48 J	0.45 U	0.45 U	-	-		-	-		-	-		0.42 U	8.8 J		0.41 U	0.45 U		2.0 J			2.9 J			3.6 J	4.9 J	
Silver, Total	180	0.2 U	0.23 U	0.23 U	0.2 U	0.22 U	0.22 U	-	-		-	-		-	-		0.21 U	0.39 J		0.20 U	0.22 U		0.57 J			17.1			0.30 J	0.24 J	
Sodium, Total	NS	89.8 J	95.7 J	61.5 J	54.8 J	93.1 J	151 J	-	-		-	-		-	-		40.5 J	141 J		214 J	170 J		683 J			715 J			50.6 J	74.3 J	
Thallium, Total	NS	0.3 U	0.35 U	0.35 U	0.3 U	0.34 U	0.33 U	-	-		-	-		-	-		0.31 U	0.33 U		0.31 U	0.33 U		0.35 U			0.34 U			0.33 U	0.33 U	
Vanadium, Total	NS	18	20.9	24.7	17.1	24.1	47.5	-	-		-	-		-	-		4.9	14.7		27.0	23.5		12.7 J			15.6 J			6.6 J	12.8 J	
Zinc, Total	10,000[d]	43.1 B	29.7 B	18.6 B	44.5 B	43.2 B	79.9 B	-	-		-	-		-	-		14.3 BJ	154 BJ		91.3 BJ	55.1 BJ		131 B			110 B			18.8 B	43.0 B	
Mercury, Total	0.81[i]	0.042	0.062	0.01 J	0.019 J	0.012 J	0.0087 U	-	-		-	-		-	-		0.0081 U	0.65		0.20	0.093		0.98			0.076			0.017 J	0.034	

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
* Site Specific Cleanup Objective
d -

Table 4
Soil Sample Analytical Data Summary
Total Metals
EPA Method 6010

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-T-001			LT-T-002			LT-T-003			LT-T-004			LT-T-005			LT-T-006			LT-T-007			LT-T-008			LT-T-009			LT-T-010		
Sample Depth:	Soil Cleanup Objectives	0-2'	8-10'	10-12'	0-2'	2-4'	12-14'	0-2'	6-8'	10-12'	0-2'	4-6'	10-12'	0-2'	4-6'	16-19'	0-2'	4-6'	12-14'	0-2'	6-8'	14-16'	0-2'	6-8'	14-16'	0-2'	4-6'	12-14'	0-2'	2-4'	7-8.5'
Laboratory ID:	Restricted-Residential	480-55387-1	480-55387-2	480-55387-3	480-55387-4	480-55387-5	480-55387-6	480-55387-10	480-55387-11	480-55387-12	480-55387-7	480-55387-8	480-55387-9	480-55387-16	480-55387-17	480-55387-18	480-55387-19	480-55387-20	480-55387-21	480-55387-13	480-55387-14	480-55387-15	480-55387-22	480-55387-23	480-55387-24	480-55387-37	480-55387-28	480-55387-39	480-55387-31	480-55387-32	480-55387-33
Sampling Date:	Use	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Total Metals (mg/kg)																															
Aluminum, Total	NS	5,760 J	9,770 J	5,170 J	7,650 J	4,770 J	6,140 J	4,230 J	7,730 J	7,230 J	7,360 J	6360 J	5,800 J	6660 J	6,260 J	9,380 J	6,990 J	5,070 J	7,470 J	4150 J	6,540 J	9,000 J	5,740 J	3,630 J	7,930 J	3,350 J	2,450 J	3,380 J	5,780 J	6,770 J	4,130 J
Antimony, Total	NS	5.4 J	1 UJ	0.81 J	0.89 J	2.2 J	0.5 U	2.1 J	1 J	0.62 J	58.7 J	10.2 J	0.93 J	0.7 J	0.43 UJ	0.58 UJ	0.54 UJ	0.48 UJ	0.5 UJ	1.5 J	0.45 UJ	0.64 UJ	1.5 J	0.47 UJ	0.58 UJ	2.4 J	0.42 UJ	0.51 UJ	0.77 J	0.42 UJ	0.7 J
Arsenic, Total	24*	30.3	11.3 J	7.9 J	10.5 J	19.8	3.1 J	10.1 J	35.1	5.6 J	60.8	27.1	4.3 J	9.3 J	12.4	5.6 J	2.6 J	4.9 J	4 J	5.2 J	3.3 J	4.6 J	8.8 J	8.5 J	5.9 J	11.5 J	3.4 J	10.7 J	5.5 J	4.4 J	3.3 J
Barium, Total	400	176 J	41.2 J	22.1 J	58.6 J	48.4 J	13.5 J	33.1 J	46 J	23.5 J	56.6 J	39.2 J	24.8 J	42.5 J	36.9 J	24.2 J	36.6 J	29.7 J	31.6 J	23.9 J	29.5 J	27.9 J	48.9 J	34.2 J	37.8 J	41.5 J	20.5 J	143 J	37.8 J	78.6 J	15.8 J
Beryllium, Total	72	0.25 J	0.19 J	0.14 J	0.3 J	0.21 J	0.2 J	0.19 J	0.18 J	0.096 J	0.3 J	0.23 J	0.24 J	0.29 J	0.3 J	0.53 J	0.19 J	0.15 J	0.37 J	0.16 J	0.28 J	0.53 J	0.28 J	0.088 J	0.44 J	0.16 J	0.1 J	0.074 J	0.25 J	0.22 J	0.15 J
Cadmium, Total	4.3	3.5	0.34 J	0.56 J	0.76 J	1.4	0.12 J	0.74 J	0.21 J	0.13 J	3.7	1.1 J	0.17 J	0.61 J	0.19 J	0.23 J	0.049 J	0.22 J	0.12 J	0.14 J	0.087 J	0.34 J	0.72 J	0.035 U	0.21 J	0.51 J	0.1 J	0.051 J	0.44 J	0.17 J	0.29 J
Calcium, Total	NS	14,900	1,510 J	3,730	7,890	13,300	311	43,400	3,360	1,060	2,540	1460	1,430	11300	7,640	1,680	1,470	46,800	1,250	1600	677	1,780	28,000	816	2,890	8,710 J	7,510 J	597 J	29,500	53,900	738
Chromium, Total[e]	180	68.4	23.2 J	17.4	15.8	15.7	14.2	15.7	39.2	9.5	13.5	10.9	12	14.2	12.6	21.3	18.8	7.4	15.3	13.3	13.3	20.4	13.9	11.5	20.3	22.6	13.7	18.1	12.3	17.8	8.8
Cobalt, Total	NS	48	6.2 J	3 J	6.1	12.7	3.7	6.5	12.4	3.6	9.9	3.7	3.7	5.6	5.6	6.7	2.6 J	6.5	4.1	2.5	3.5	6.4	6.6	0.93 J	4.5	13.2 J	7.4 J	6.4 J	5.3	6.3	27.8
Copper, Total	270	192	8.2 J	10.4	37.1	69.5	11.6	34.8	20.7	2.5 J	77.7	33.3	8.6	31.9 J	11 J	10.7 J	7.1 J	9.7 J	6.8 J	17.5	7.8 J	17.6 J	35.3 J	6.1 J	17.2 J	63.9 J	19.1 J	12.1 J	27.3 J	26.5 J	12.8 J
Iron, Total	NS	28,300 B	12,500 BJ	9,910 B	15,300 B	10,300 B	9,550 B	10,500 B	17,500 B	8,430 B	89,800 B	12400 B	12,300 B	11100 B	10,600 B	18,600 B	11,600 B	16,100 B	14,400 B	9390 B	11,200 B	20,200 B	11,800 B	4,690 B	19,100 B	9,810 BJ	5,740 BJ	21,400 BJ	10,700 B	11,800 B	6,720 B
Lead, Total	400	242 J	15.9 J	11.4 J	73.1 J	106 J	7 J	50.1 J	11.7 J	3.9 J	91.4 J	339 J	29.7 J	65.7 J	11.9 J	8.2 J	14.7 J	34.2 J	5 J	22 J	9.8 J	40.7 J	60.7 J	3.7 J	52 J	35	18.2	1.8 J	42 J	20.3 J	12.7 J
Magnesium, Total	NS	7,520	3,340 J	1,720	4,080	3,810	1,680	16,000	3,550	2,040	2,790	1610	1,770	4980	5,480	3,890	2,710	18,800	2,400	1420	1,980	3,450	9,340	715	2,150	1,720 J	928 J	788 J	12,900	11,900	924
Manganese, Total	2,000[f]	326 B	93.6 BJ	60.9 B	314 B	195 B	81.2 B	208 B	188 B	116 B	2,040 B	745 B	217 B	322 J	274 J	305 J	101 J	181 J	190 J	109 B	126 J	253 J	210 J	36.2 J	331 J	157 J	130 J	1,600 J	166 J	166 J	57.3 J
Nickel, Total	310	40.9	15.9 J	8.5 J	12.8 J	13.7 J	8.4 J	10.8 J	27.6	3.5 J	23.1 J	6.4 J	7.2 J	12 J	10.9 J	14.4 J	7.2 J	8.1 J	9.1 J	9.3 J	7.9 J	14.3 J	12.1 J	2.8 J	9.7 J	19.4 J	11.2 J	17 J	11.4 J	16.2 J	417
Potassium, Total	NS	709	2,040 J	867	806	663	1,210	650	1,640	610	1,050	773	1,030	790 J	1,070 J	2,430 J	1,680 J	741 J	1,530 J	848	1,010 J	1,990 J	843 J	724 J	1,170 J	646	413	895	917 J	800 J	535 J
Selenium, Total	180	39.2	9 J	8.7 J	2.8 J	8.6 J	2.1 J	6 J	13.3 J	7.3 J	5.4 J	3.1 J	0.98 J	1.2 J	0.76 J	0.58 U	0.55 J	0.55 J	0.74 J	1.9 J	0.48 J	0.64 U	1.8 J	0.55 J	0.72 J	9.9 J	1.2 J	0.51 U	0.66 J	1.3 J	2.1 J
Silver, Total	180	6.1	0.51 UJ	0.27 U	2 J	2.9	0.25 U	1.2 J	0.23 U	0.23 U	1.5 J	0.54 J	0.26 U	1.8 J	0.21 U	0.29 U	0.27 U	0.24 U	0.25 U	0.2 U	0.22 U	0.32 U	1.9 J	0.23 U	0.29 U	0.22 U	0.21 U	0.25 U	1.2 J	0.21 U	0.21 U
Sodium, Total	NS	133 J	3,020 J	1,010	93.9 J	149 J	567 J	211 J	279 J	326 J	93.6 J	263 J	596 J	242 J	202 J	636 J	165 J	227 J	391 J	90.8 J	395 J	973 J	159 J	154 J	312 J	88.9 J	114 J	84.9 J	159 J	208 J	72.3 J
Thallium, Total	NS	0.36 U	0.76 UJ	0.41 U	0.34 U	0.32 U	0.37 U	0.31 U	0.35 U	0.35 U	0.36 U	0.35 U	0.39 U	0.34 U	0.32 U	0.44 U	0.41 U	0.36 U	0.38 U	0.3 U	0.33 U	0.48 U	0.31 U	0.35 U	0.43 U	0.34 U	0.31 U	0.38 U	0.34 U	0.32 U	0.32 U
Vanadium, Total	NS	17	21.5 J	11.9	19.4	16.3	22.1	13.8	18	18.6	18.1	14.8	16.4	17.9	15.9	26.3	25.9	29.5	18.9	13.3	17.1	25.3	21.5	10	24.7	11.4	8.4	8.7	18.6	15.8	10.2
Zinc, Total	10,000[e]	490 BJ	38.8 BJ	138 BJ	68.2 BJ	97.3 BJ	26.9 BJ	57.2 BJ	25.3 BJ	20.5 BJ	219 BJ	104 BJ	28.7 BJ	61 BJ	25.4 BJ	37.4 BJ	20.1 BJ	33.2 BJ	23.8 BJ	25.4 BJ	22.2 BJ	51.1 BJ	57.9 BJ	11.6 U	50.1 BJ	57.1 BJ	15 BJ	12.7 U	51.5 BJ	26.5 BJ	20.6 BJ
Mercury, Total	0.81[i]	0.37 J	0.017 UJ	0.047 J	0.08 J	0.11 J	0.01 U	0.15 J	0.0092 U	0.0095 U	0.43 J	0.07 J	0.059 J	0.11 J	0.037 J	0.037 J	0.03 J	0.043 J	0.01 UJ	0.022 J	0.024 UJ	0.063 J	0.091 J	0.024 U	0.058 J	0.61	0.053 J	0.0091 U	0.071 J	0.037 J	0.2 UJ

Client Sample ID:	NYSDEC (1)	LT-T-011			LT-T-012		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6.5-8'	0-2'	2-4'	4-6'
Laboratory ID:	Restricted-Residential	480-55387-34	480-55387-35	480-55387-36	480-55387-27	480-55387-28	480-55387-29
Sampling Date:	Use	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Total Metals (mg/kg)							
Aluminum, Total	NS	5,220 J	4,800 J	5860 J	1,290 J	1,090 J	2,190 J
Antimony, Total	NS	6.3 J	49.2 J	0.56 J	17.6 J	17.1 J	7.3 J
Arsenic, Total	24*	6.4 J	86.3 J	2.5 J	44.1	55.4	92.8
Barium, Total	400	42.4 J	77.1 J	29.2 J	15.6 J	17.3 J	20.5 J
Beryllium, Total	72	0.23 J	0.21 J	0.4 J	0.11 J	0.035 J	0.1 J
Cadmium, Total	4.3	0.51 J	1.5	0.68 J	1.8	0.38 J	9.3
Calcium, Total	NS	68,900	16,600 J	842 J	903	863	888
Chromium, Total[e]	180	13.4	20.4	7.9	5.8	7.2	13.5
Cobalt, Total	NS	7.1	16.9 J	27.2 J	5.3	8.3	31.1
Copper, Total	270	40.2 J	102 J	35 J	18.9 J	13.8 J	176 J
Iron, Total	NS	9,380 B	17,800 BJ	6430 BJ	3,330 B	3,450 B	6,310 B
Lead, Total	400	76.4 J	252	21.9	26 J	24.7 J	129 J
Magnesium, Total	NS	30,300	3,560 J	999 J	428	156	469
Manganese, Total	2,000[f]	189 J	255 J	75 J	23.8 J	20.8 J	68.4 J
Nickel, Total	310	19.2 J	40.6 J	175 J	8.5 J	8.9 J	14 J
Potassium, Total	NS	733 J	577	381	254 J	259 J	551 J
Selenium, Total	180	1.5 J	17.9 J	1.1 J	4 J	4.4 J	3.2 J
Silver, Total	180	0.25 U	3.1	0.25 U	1.8 J	3.1	6.5
Sodium, Total	NS	217 J	141 J	72.3 J	74.5 J	104 J	128 J
Thallium, Total	NS	0.37 U	0.33 U	0.37 U	0.36 U	0.33 U	0.33 U
Vanadium, Total	NS	21.8	18.8	10.8	4.6	4.8	6.4
Zinc, Total	10,000[e]	57.7 BJ	172 BJ	163 BJ	66.8 BJ	80.1 BJ	250 BJ
Mercury, Total	0.81[i]	0.26 J	0.58 J	0.0088 U	0.093 U	0.31 J	0.083 J

Client Sample ID:	NYSDEC (1)
Sample Depth:	Soil Cleanup Objectives
Laboratory ID:	Restricted-Residential
Sampling Date:	Use
Total Metals (mg/kg)	
Aluminum, Total	NS
Antimony, Total	NS
Arsenic, Total	24*
Barium, Total	400
Beryllium, Total	72
Cadmium, Total	4.3
Calcium, Total	NS
Chromium, Total[e]	180
Cobalt, Total	NS
Copper, Total	270
Iron, Total	NS
Lead, Total	400
Magnesium, Total	NS
Manganese, Total	2,000[f]
Nickel, Total	310
Potassium, Total	NS
Selenium, Total	180
Silver, Total	180
Sodium, Total	NS
Thallium, Total	NS
Vanadium, Total	NS
Zinc, Total	10,000[e]
Mercury, Total	0.81[i]

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
* Site Specific Cleanup Objective
d - The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
f - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
j - This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.
U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.
Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-X-001			LT-X-002			LT-X-003			LT-X-004			LT-X-005			LT-X-006			LT-X-007			LT-X-008			LT-X-009			LT-XC-001		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-53471-2	480-53471-3	480-53471-4	480-53536-1	480-53536-2	480-53536-3	480-53536-6	480-53536-7	480-53536-8	480-53536-11	480-53536-12	480-53536-13	480-53536-14	480-53536-15	480-53536-16	480-53536-17	480-53536-18	480-53536-19	480-53536-20	480-53536-21	480-53536-22	480-53877-7	480-53877-8	480-53877-9	480-53877-10	480-53877-11	480-53877-12	480-53190-1	480-53190-2	480-53190-03
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/17/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/13/2014	1/13/2014	1/13/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	7.3 U	7.4 U	0.35 U	0.42 U	0.37 U	0.38 U	17 U	3.5 U	0.34 U	18 U	0.34 UJ	0.37 U	84 U	6.7 U	0.36 U	17 U	7.4 U	2.2 U	7.3 U	1.7 U	7.5 U	17 U	6.9 U	0.38 U	17 U	3.7 U	0.39 U	0.58 J	0.36 U	0.35 U
4,4'-DDE	8,900	11 J	5.7 U	0.27 UJ	0.32 U	0.29 U	0.29 UJ	13 U	2.7 U	0.26 UJ	14 U	0.26 U	0.29 U	65 U	5.2 U	0.39 J	14 J	8.2 J	1.7 U	13 J	1.3 U	5.8 U	13 U	5.3 U	0.29 U	13 U	2.9 U	0.30 U	0.88 J	0.32 J	0.27 U
4,4'-DDT	7,900	19 J	3.9 U	0.18 U	0.22 U	0.20 U	0.20 U	9.1 U	1.9 U	0.18 U	42 J	0.18 U	0.20 U	44 U	3.5 U	1.8 U	27 JB	18 JB	1.1 U	22 JB	2.2 JB	3.9 U	30 J	13 J	0.20 U	29 J	1.9 U	0.20 U	1.1 J	0.19 U	0.18 U
Aldrin	97	9.2 U	9.3 U	0.44 U	0.53 U	0.47 U	0.48 U	22 U	4.5 U	0.43 U	22 U	0.43 U	0.47 U	110 U	8.5 U	0.45 U	22 U	9.3 U	2.7 U	9.2 U	2.2 U	9.5 U	22 U	8.7 U	0.48 U	21 U	4.7 U	0.49 U	0.44 U	0.45 U	0.44 U
Alpha-BHC	480	6.7 U	6.8 U	0.32 U	0.39 U	0.34 U	1.9 U	16 U	3.3 U	0.31 U	16 U	1.7 U	1.9 U	77 U	6.2 U	0.33 U	16 U	6.8 U	2.0 U	6.7 U	1.6 U	7.0 U	16 U	6.4 U	0.35 U	15 U	3.4 U	0.36 U	0.32 U	0.33 U	0.32 U
Alpha-Chlordane	4,200	19 U	19 U	0.90 U	1.1 U	0.95 U	0.97 U	45 U	9.0 U	0.86 U	45 U	0.87 U	0.96 U	210 U	17 U	0.91 U	45 U	19 U	5.5 U	19 U	4.4 U	19 U	44 U	18 U	0.97 U	43 U	9.5 U	0.99 U	0.90 U	0.91 U	0.89 U
Beta-BHC	360	4.0 U	4.1 U	0.19 U	0.23 U	0.21 U	0.21 U	9.7 U	2.0 U	0.19 U	9.8 U	0.19 U	0.21 U	46 U	3.7 U	0.20 U	9.7 U	4.1 U	1.2 U	4.0 U	0.96 U	4.2 U	9.6 U	3.80 U	0.21 U	9.3 U	2.1 U	0.21 U	0.19 U	0.20 U	0.19 U
Delta-BHC[a]	100,000[a]	9.9 JB	5.0 U	0.24 U	2.2 U	1.9 U	1.9 U	12 U	2.4 U	0.23 U	12 U	1.7 U	0.25 U	73 JB	4.6 U	1.8 U	15 JB	6.3 JB	1.5 U	7.3 JB	1.2 U	5.1 U	12 U	4.7 U	2.0 U	11 U	2.5 U	2.0 U	1.8 U	1.8 U	0.24 U
Dieldrin	200	9.0 U	9.1 U	0.43 UJ	0.52 U	0.46 U	0.47 UJ	22 U	4.4 U	0.42 UJ	22 U	0.42 UJ	0.46 U	100 U	8.3 U	0.44 U	22 U	9.1 U	2.7 U	9.0 U	2.1 U	9.3 U	21 U	8.5 U	0.47 U	21 U	4.6 U	0.48 U	1.8 U	0.44 U	0.43 U
Endosulfan I[b,i]	24,000[c]	4.7 U	4.8 UJ	0.23 UJ	0.27 U	0.24 U	0.24 UJ	11 U	2.3 UJ	0.22 UJ	11 UJ	0.22 UJ	0.24 UJ	54 U	4.4 U	0.23 U	11 U	4.8 U	1.4 U	4.7 U	1.1 U	4.9 U	11 U	4.5 U	0.25 U	11 U	2.4 U	0.25 U	0.23 U	0.23 U	0.23 U
Endosulfan II[b,i]	24,000[c]	6.7 U	6.8 U	0.32 UJ	0.39 U	0.34 U	0.35 UJ	16 U	3.3 U	0.31 UJ	16 U	0.31 U	0.35 U	77 U	6.2 U	0.33 U	16 U	6.8 U	2.0 U	6.7 U	1.6 U	7.0 U	16 U	6.4 U	0.35 U	15 U	3.4 U	0.36 U	0.32 U	0.33 U	0.32 U
Endosulfan sulfate[b,i]	24,000[c]	7.0 U	7.1 U	0.34 U	0.40 U	0.36 U	0.36 U	17 U	3.4 U	0.32 U	17 U	0.33 U	0.36 U	80 U	6.5 U	0.34 U	17 U	7.1 U	2.1 U	7.0 U	1.7 U	7.2 U	17 U	6.6 U	0.36 U	16 U	3.6 U	0.37 U	0.34 U	0.34 U	0.34 U
Endrin	11,000	5.2 U	5.2 U	0.25 U	0.30 U	0.26 U	0.27 U	12 U	2.5 U	0.24 U	12 U	0.24 U	0.27 U	59 U	4.8 U	0.25 U	12 U	5.2 U	1.5 U	5.2 U	1.2 U	5.3 U	12 U	4.9 U	0.27 U	12 U	2.6 U	0.27 U	0.25 U	0.25 U	0.25 U
Endrin aldehyde	NS	9.6 U	9.7 U	0.46 U	0.55 U	0.49 U	0.50 U	23 U	4.6 U	0.44 U	23 U	0.45 U	0.49 U	110 U	8.9 U	0.47 U	23 U	9.7 U	2.8 U	9.6 U	2.3 U	9.9 U	23 U	9.1 U	0.50 U	22 U	4.9 U	0.51 U	0.46 U	0.47 U	0.46 U
Endrin ketone	NS	9.2 U	9.3 U	0.44 U	0.53 U	0.47 U	0.48 U	22 U	4.5 U	0.43 U	22 U	0.43 U	0.47 U	110 U	8.5 U	0.45 U	22 U	9.3 U	2.7 U	9.2 U	2.2 U	9.5 U	22 U	8.7 U	0.48 U	21 U	4.7 U	0.49 U	0.44 U	0.45 U	0.44 U
Gamma-BHC (Lindane)	1,300	6.8 JB	4.7 U	0.22 U	0.27 U	0.24 U	1.9 U	11 U	2.2 U	0.21 U	11 U	1.7 U	1.9 U	53 U	4.3 U	0.24 J	11 U	4.8 J	1.4 U	4.6 J	1.1 U	4.8 U	11 U	4.4 U	0.24 U	11 U	2.4 U	0.25 U	0.22 U	0.23 U	0.22 U
Gamma-Chlordane	NS	12 U	12 U	0.57 U	0.68 U	0.61 U	0.62 U	28 U	5.8 U	0.55 U	29 U	0.55 U	0.61 U	140 U	11 U	0.58 U	29 U	12 U	3.5 U	12 U	2.8 U	12 U	28 U	11 U	0.62 U	27 U	6.1 U	0.63 U	1.8 U	0.58 U	0.57 U
Heptachlor	2,100	5.9 U	6.0 U	0.28 U	0.34 U	0.30 U	0.30 U	14 U	2.8 U	0.27 U	14 U	0.27 U	0.30 U	67 U	5.4 U	0.29 U	14 U	5.9 U	1.7 U	5.9 U	1.4 U	6.1 U	14 U	5.6 U	0.31 U	13 U	3 U	0.31 U	0.28 U	0.29 U	0.28 U
Heptachlor epoxide	NS	9.7 U	9.8 UJ	0.46 UJ	0.55 U	0.49 U	0.50 UJ	23 U	4.7 UJ	0.45 UJ	23 UJ	0.45 UJ	0.50 UJ	110 U	8.9 U	0.47 U	23 U	9.8 U	2.9 U	9.7 U	2.3 U	10 U	23 U	9.2 U	0.50 U	22 U	4.9 U	0.51 U	1.7 J	0.47 U	0.46 U
Methoxychlor	NS	5.2 U	5.2 U	0.25 U	0.30 U	0.26 U	0.27 U	12 U	2.5 U	0.24 U	12 U	0.24 U	0.27 U	59 U	4.8 U	0.25 U	12 U	5.2 U	1.5 U	5.2 U	1.2 U	5.3 U	12 U	4.9 U	0.27 U	12 U	2.6 U	0.27 U	0.25 U	0.25 U	0.25 U
Toxaphene	NS	220 U	220 U	10 U	13 U	11 U	11 U	520 U	110 U	10 U	530 U	10 U	11 U	2,500 U	200 U	11 U	520 U	220 U	65 U	220 U	52 U	230 U	520 U	210 U	11 U	500 U	110 U	12 U	10 U	11 U	10 U

Client Sample ID:	NYSDEC (1)	LT-XC-002			LT-XC-003			LT-XC-004			LT-XC-005			LT-XC-006			LT-XC-007			LT-XC-008			LT-XC-009			LT-XC-010			LT-XC-011		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	480-53190-4	480-53190-5	480-53190-5	480-53190-8	480-53190-9	480-53190-10	480-53297-4	480-53297-5	480-53297-6	480-53782-8	480-53782-9	480-53782-10	480-53801-1	480-53801-2	480-53830-3	480-53830-4	480-53830-5	480-53830-6	480-53830-7	480-53830-8	480-53830-9	480-53830-10	480-53830-11	480-53830-12	480-53830-14	480-53830-15	480-53830-16	480-53830-17	480-53830-18	480-53830-19
Sampling Date:	Use	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.61 J	0.34 U	0.36 U	0.37 J	0.35 U	0.36 U	0.33 U	0.33 U	0.34 U	1.0 JB	1.2 JB	0.37 U	3.6 J	0.37 U	0.36 U	190 U	0.38 J	4.2 U	0.64 J	0.37 U	0.38 U	26 J	0.37 U	0.34 U	0.76 J	17	0.34 U	0.38 U	0.44 U	0.38 U
4,4'-DDE	8,900	0.81 J	0.26 J	0.28 J	0.85 J	0.28 J	0.29 J	0.49 J	0.26 U	0.26 U	3.1	2.5	0.41 J	12	0.32 J	0.27 U	1,000	1.1 J	3.3 U	4.5	0.28 U	0.29 U	39	0.28 U	0.26 U	5.4	16	0.26 U	0.29 U	0.34 UJ	0.30 U
4,4'-DDT	7,900	0.98 J	0.42 J	0.45 J	0.79 J	0.18 U	0.57 J	0.89 J	0.17 U	0.18 U	3.0	0.19 U	0.19 U	37	0.73 J	0.61 J	380	0.77 J	7.4 J	17	0.71 J	0.65 J	53	0.19 U	0.18 U	4.1	33	0.18 U	0.68 J	0.23 U	0.20 U
Aldrin	97	0.46 U	0.43 U	0.46 U	0.42 U	0.44 U	0.46 U	0.42 U	0.42 U	0.43 U	0.48 U	0.45 U	0.46 U	2.3 U	0.47 U	0.45 U	970 JN	0.94 J	5.4 U	1.2 J	0.47 U	0.48 U	22 JN	0.47 U	0.43 U	3.6	0.47 U	0.43 U	0.48 U	0.55 U	0.48 U
Alpha-BHC	480	0.33 U	0.31 U	0.34 U	0.31 U	0.32 U	0.34 U	0.31 U	0.31 U	0.31 U	0.35 U	0.33 U	1.9 U	1.7 U	0.35 U	0.33 U	33 U	0.34 U	3.9 U	0.33 U	0.34 U	0.35 U	3.4 U	0.34 U	1.8 U	0.34 U	0.38 J	0.31 U	0.37 J	2.3 U	2.0 U
Alpha-Chlordane	4,200	0.92 U	0.87 U	0.93 U	0.86 U	0.89 U	0.93 U	0.85 U	0.85 U	0.87 U	0.96 U	0.92 U	0.94 U	4.7 U	0.96 U	0.91 U	92 U	0.95 U	11 U	0.92 U	0.94 U	0.97 U	9.5 U	0.94 U	0.88 U	0.94 U	0.96 U	0.87 U	0.96 U	1.1 U	0.98 U
Beta-BHC	360	0.20 U	0.19 U	0.20 U	0.19 U	0.19 U	1.9 U	0.53 J	0.47 J	0.46 J	0.21 U	0.94 J	0.20 U	1.7 J	0.21 U	0.20 U	20 U	0.72 J	2.4 U	0.54 J	0.20 U	0.21 U	2.1 U	0.20 U	0.19 U	1.8 J	2.1	1.0 J	0.21 U	0.24 U	0.21 U
Delta-BHC[a]	100,000[a]	1.9 U	0.23 U	1.9 U	1.8 U	0.24 U	1.9 U	1.7 U	0.23 U	1.8 U	3.9 B	3.0 B	1.9 U	11 B	1.9 U	1.8 U	1,900 B	2.0 B	2.9 U	1.9 U	1.9 U	1.9 U	18 JB	1.9 U	1.8 U	3.7 B	1.9 U	1.7 U	1.9 U	2.3 U	2.0 U
Dieldrin	200	1.8 U	0.42 U	0.45 U	1.7 U	0.43 U	0.45 U	0.41 U	0.41 U	0.42 U	4.3	0.44 U	0.45 U	13	0.46 U	0.44 U	1,900 JN	0.46 U	5.2 U	5.5	0.45 U	0.47 U	75 JN	0.45 U	0.42 U	8.6	33	0.42 U	0.46 U	0.54 UJ	0.47 U
Endosulfan I[b,i]	24,000[c]	0.23 U	0.22 U	0.24 U	0.22 U	0.23 U	0.24 U	0.22 U	0.21 U	0.22 U	0.52 J	0.48 J	0.24 U	1.2 U	0.24 U	0.23 U	190 U	0.24 U	2.8 U	0.23 U	0.24 U	0.24 U	19 U	0.24 U	0.22 U	0.43 J	1.1 J	0.22 U	0.24 U	0.28 UJ	0.25 U
Endosulfan II[b,i]	24,000[c]	0.33 U	0.31 U	0.34 U	0.31 U	0.32 U	0.34 U	0.31 U	0.31 U	0.31 U	0.35 U	0.33 U	0.34 U	1.7 U	0.35 U	0.33 U	33 U	0.34 U	3.9 U	0.33 U	0.34 U	0.35 U	3.4 U	0.34 U	0.32 U	0.34 U	0.35 U	0.31 U	0.35 U	0.40 UJ	0.35 U
Endosulfan sulfate[b,i]	24,000[c]	0.44 J	0.33 U	0.35 U	0.32 U	0.33 U	0.35 U	0.32 U	0.32 U	0.33 U	0.36 U	0.34 U	0.35 U	1.7 U	0.36 U	0.34 U	34 U	0.35 U	4.1 U	0.35 U	0.35 U	0.36 U	3.5 U	0.35 U	0.33 U	0.35 U	2.1	0.32 U	0.36 U	0.42 U	0.37 U
Endrin	11,000	0.26 U	0.24 U	0.26 U	0.24 U	0.25 U	0.26 U	0.24 U	0.24 U	0.24 U	0.27 U	0.25 U	0.26 U	1.3 U	0.26 U	0.25 U	26 U	0.26 U	3.0 U	1.7 J	0.26 U	0.27 U	19 U	0.26 U	0.24 U	0.26 U	3.8	0.24 U	0.27 U	0.31 U	0.27 U
Endrin aldehyde	NS	0.47 U	0.45 U	0.48 U	0.44 U	0.46 U	0.48 U	0.44 U	0.44 U	0.45 U	0.49 U	0.47 U	0.48 U	2.4 U	0.49 U	0.47 U	190 U	0.49 U	5.6 U	0.94 J	0.48 U	0.50 U	8.5 J	0.48 U	0.45 U	0.87 J	4.6	0.44 U	0.49 U	0.57 UJ	0.50 U
Endrin ketone	NS	0.46 U	0.43 U	0.46 U	0.42 U	0.44 U	0.46 U	0.42 U	0.42 U	0.43 U	0.48 U	0.45 U	0.46 U	2.3 U	0.47 U	0.45 U	45 U	0.47 U	5.4 U	0.46 U	0.47 U	0.48 U	4.7 U	0.47 U	0.43 U	0.46 U	0.47 U	0.43 U	0.48 U	0.55 U	0.48 U
Gamma-BHC (Lindane)	1,300	0.23 U	0.22 U	0.23 U	0.21 U	0.22 U	0.23 U	0.21 U	0.21 U	0.22 U	0.49 J	1.8 U	0.23 U	1.3 J	0.24 U	0.23 U	190 U	0.25 J	2.7 J	0.30 J	0.23 U	0.24 U	2.3 U	0.23 U	0.22 U	0.34 J	0.57 J	0.22 U	0.24 U	2.3 U	2.0 U
Gamma-Chlordane	NS	0.59 U	0.56 U	0.60 U	0.55 U	0.57 U	0.59 U	0.54 U	0.54 U	0.56 U	2.2	2.1	0.60 U	7.5 J	0.61 U	0.58 U	59 U	0.91 J	7.0 U	2.8	0.60 U	0.62 U	40	0.60 U	0.56 U	4.4	20	0.55 U	0.62 U	0.71 U	0.63 U
Heptachlor	2,100	0.29 U	0.27 U	0.29 U	0.27 U	0.28 U	0.29 U	0.27 U	0.27 U	0.27 U	1.0 J	0.71 J	0.30 U	1.5 U	0.30 U	0.29 U	540	0.32 J	3.4 U	0.29 U	0.30 U	0.30 U	3.0 U	0.30 U	0.28 U	0.75 J	0.30 U	0.27 U	0.30 U	0.35 U	0.31 U
Heptachlor epoxide	NS	0.48 U	0.45 U	0.48 U	0.44 U	0.46 U	0.48 U	0.44 U	0.44 U	0.45 U	0.50 U	5.9	0.49 U	21	0.50 U	0.47 U	3,800 J	3.1	5.6 U	5.7	0.49 U	0.50 U	110 JN	0.49 U	0.46 U	14	23	0.45 U	0.50 U	0.58 UJ	0.51 U
Methoxychlor	NS	0.26 U	0.24 U	0.26 U	0.24 U	0.25 U	0.26 U	0.24 U	0.24 U	0.24 U	0.27 U	0.25 U	0.26 U	1.3 U	0.26 U	0.25 U	190 U	0.26 U	3.0 U	11	0.26 U	0.27 U	43 JN	0.26 U	0.24 U	1.9 U	11	0.24 U	0.27 U	0.31 U	0.27 U
Toxaphene	NS	11 U	10 U	11 U	10 U	10 U	11 U	10 U	9.9 U	10 U	11 U	11 U	11 U	55 U	11 U	11 U	1,100 U	11 U	130 U	11 U	11 U	11 U	110 U	11 U	10 U	11 U	11 U	10 U	11 U	13 U	11 U

Client Sample ID:	NYSDEC (1)	LT-XC-012			LT-XC-013			LT-XC-014			LT-XC-015			LT-XC-016			LT-XC-017			LT-XC-018			LT-XC-019			LT-XC-020			LT-XC-021	
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'
Laboratory ID:	Restricted-Residential	480-53830-20	480-53830-21	480-53830-22	480-54381-31	480-54381-32	480-54381-33	480-54381-37	480-54381-38	480-54381-39	480-54421-24	480-54421-25	480-54421-26	480-54421-27	480-54421-28	480-54421-29	480-54634-1	480-54634-2	480-54634-3	480-54634-4	480-54634-5	480-54634-13	480-54955-3	480-54955-4	480-54955-5	480-55087-1	480-55087-2	480-55087-3	480-54955-8	480-54955-9
Sampling Date:	Use	1/24/2014	1/24/2014	1/24/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/18/2014	2/18/2014	2/18/2014	2/20/2014	2/20/2014	2/20/2014	2/18/2014	2/18/2014
Organochlorine Pesticides (µg/kg)																														
4,4'-DDD	13,000	0.37 U	0.35 U	0.35 U	0.33 U	1.8	0.34 U	0.33 U	3.3 U	0.33 U	18 U	17 U	7.4 U	86 U	18 U	3.8 U	17 U	3.9 U	28 UJ	17 U	18 U	4.0 U	110 J B	57 J B	92 J B	52 J	0.39 U	0.47 J	5 J B	0.34 U
4,4'-DDE	8,900	0.29 U	0.27 U	0.27 U	1.1 J	2.7	0.31 J	0.56 J	2.6 U	1.7 U	29 J	23 J	17 J	66 U	30 J	2.9 U	23 J	3.0 U	22 UJ	13 U	92 U	3.1 U	82 J B	49 J B	87 J B	29 U	0.3 U	0.51 J	5.9 J B	1.8 U
4,4'-DDT	7,900	0.20 U	0.19 U	0.18 U	2.4	10	0.18 U	0.17 U	1.7 U	0.57 J	9.4 U	9.1 U	3.9 U	45 U	9.5 U	2.0 U	8.9 U	2.0 U	15 UJ	90 U	9.4 U	2.1 U	95 J	71 J	90 J	80 J	0.21 U	0.85 J	1.8 U	0.18 U
Aldrin	97	0.47 U	0.45 U	0.44 U	0.42 U	0.43 U	0.43 U	0.42 U	4.2 U	0.42 U	23 U	22 U	9.4 U	110 U	23 U	4.8 U	21 U	4.9 U	35 UJ	22 U	23 U	5.1 U	44 U	43 U	45 U	48 U	0.5 U	0.47 U	4.2 U	0.43 U
Alpha-BHC	480	0.34 U	0.33 U	1.8 U	0.31 U	0.32 U	0.31 U	0.31 U	3.1 U	0.31 U	17 U	16 U	6.9 U	79 U	17 U	3.5 U	16 U	3.6 U	26 J	16 U	17 U	3.7 U	32 U	32 U	33 U	35 U	0.36 U	0.34 U	3.1 U	0.32 U
Alpha-Chlordane	4,200	0.95 U	0.91 U	0.89 U	0.86 U	0.87 U	0.87 U	0.85 U	8.5 U	0.85 U	46 U	45 U	19 U	220 U	46 U	9.6 U	43 U	9.9 U	71 UJ	45 U	46 U	10 U	89 U	87 U	91 U	97 U	1 U	0.94 U	8.6 U	0.87 U
Beta-BHC	360	0.21 U	0.20 U	0.19 U	0.19 U	0.25 J	0.19 U	0.18 U	1.8 U	0.19 U	10 U	9.7 U	4.1 U	48 U	10 U	2.1 U	9.4 U	2.1 U	15 UJ	9.7 U	9.9 U	2.2 U	19 U	19 U	20 U	21 U	0.22 U	0.2 U	1.9 U	0.19 U
Delta-BHC[a]	100,000[a]	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	2.2 U	1.7 U	14 JB	12 U	7.2 JB	62 JB	12 U	2.6 U	12 U	2.6 U	19 UJ	12 U	12 U	2.7 U	24 U	23 U	24 U	26 U	0.27 U	0.25 U	2.3 U	0.23 U
Dieldrin	200	0.46 U	0.44 U	0.43 U	0.41 U	0.42 U	0.42 U	0.41 U	4.1 U	0.41 U	22 U	21 U	9.2 U	110 U	22 U	4.6 U	21 U	4.8 U	34 UJ	22 U	22 U	5.0 U	45 J	42 U	52 J	47 U	0.49 U	0.45 U	4.1 U	0.42 U
Endosulfan I[b,i]	24,000[c]	0.24 U	0.23 U	0.22 U	0.22 U	0.33 J	0.22 U	0.22 U	2.1 U	0.22 U	12 U	11 U	4.8 U	56 U	12 U	2.4 U	11 U	2.5 U	18 UJ	11 U	12 U	2.6 U	23 U	22 U	23 U	24 U	0.26 U	0.24 U	2.2 U	0.22 U
Endosulfan II[b,i]	24,000[c]	0.34 U	0.33 U	0.32 U	0.31 U	0.32 U	0.31 U	0.31 U	3.1 U	0.31 U	17 U	16 U	6.9 U	79 U	17 U	3.5 U	16 U	3.6 U	26 UJ	16 U	17 U	3.7 U	32 U	32 U	33 U	35 U	0.36 U	0.34 U	3.1 U	0.32 U
Endosulfan sulfate[b,i]	24,000[c]	0.36 U	0.34 U	0.33 U	0.32 U	0.33 U	0.32 U	0.32 U	3.2 U	0.32 U	17 U	17 U	7.1 U	82 U	17 U	3.6 U	16 U	3.7 U	27 UJ	17 U	17 U	3.8 U	33 U	33 U	34 U	36 U	0.38 U	0.35 U	3.2 U	0.33 U
Endrin	11,000	0.26 U	0.25 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	2.4 U	0.24 U	13 U	12 U	5.3 U	61 U	13 U	2.7 U	12 U	2.7 U	20 UJ	12 U	13 U	2.8 U	25 U	24 U	25 U	27 U	0.28 U	0.26 U	2.4 U	0.24 U
Endrin aldehyde	NS	0.49 U	0.47 U	0.46 U	0.44 U	0.45 U	0.44 U	0.44 U	4.4 U	0.44 U	24 U	23 U	9.8 U	110 U	24 U	5.0 U	22 U	5.1 U	37 UJ	23 U	23 U	5.3 U	46 U	45 U	47 U	50 U	0.52 U	0.48 U	4.4 U	0.45 U
Endrin ketone	NS	0.47 U	0.45 U	0.44 U	0.42 U	0.43 U	0.43 U	0.42 U	4.2 U	0.42 U	23 U	22 U	9.4 U	110 U	23 U	4.8 U	21 U	4.9 U	35 UJ	22 U	23 U	5.1 U	44 U	43 U	45 U	48 U	0.5 U	0.47 U	4.2 U	0.43 U
Gamma-BHC (Lindane)	1,300	0.24 U	1.8 U	1.8 U	0.21 U	0.26 J	0.22 U	0.31 J	2.1 U	0.21 U	11 U	11 U	7.1 J	54 U	11 U	2.4 U	11 U	2.5 U	18 UJ	11 U	11 U	2.5 U	22 U	22 U	23 U	24 U	0.25 U	0.23 U	3.8 J	0.22 U
Gamma-Chlordane	NS	0.61 U	0.58 U	0.57 U	0.55 U	1.3 J	0.55 U	0.54 U	5.4 U	0.55 U	40 J	28 U	13 J	140 U	30 U	6.2 U	28 U	6.3 U	46 UJ	35 J	51 J	6.6 U	82 J	57 J	83 J	62 U	0.64 U	0.6 U	5.5 U	0.67 J
Heptachlor	2,100	0.30 U	0.28 U	0.28 U	0.27 U	0.28 U	0.27 U	0.27 U	2.7 U	0.27 U	14 U	14 U	6.0 U	69 U	15 U	3.0 U	14 U	3.1 U	22 UJ	14 U	14 U	3.2 U	28 U	28 U	29 U	30 U	0.32 U	0.3 U	2.7 U	0.28 U
Heptachlor epoxide	NS	0.49 U	0.47 U	0.46 U	0.44 U	0.45 U	0.45 U	0.44 U	4.4 U	0.44 U	24 U	23 U	9.9 U	110 U	24 U	5.0 U	22 U	5.1 U	37 UJ	23 U	24 U	5.3 U	46 U	45 U	47 U	50 U	0.52 U	0.49 U	4.4 U	0.45 U
Methoxychlor	NS	1.9 U	0.25 U

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-XC-022			LT-XC-023			LT-XC-024			LT-XC-025			LT-C-001			LT-C-002			LT-C-003			LT-C-004			LT-C-005			LT-C-006		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'		0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	4-6'	6-8'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-54955-6	480-54955-7		480-54955-20	480-54955-21	480-54955-22	480-54955-23	480-54955-24	480-54955-25	480-55391-7	480-55391-8	480-55391-9	480-53297-1	480-53297-2	480-53297-3	480-53297-8	480-53297-9	480-53297-10	480-53297-12	480-53297-13	480-53297-14	480-53297-15	480-53297-16	480-53297-17	480-53297-18	480-53297-19	480-53297-20	480-53398-11	480-53398-12	480-53398-13
Sampling Date:	Use	2/18/2014	2/18/2014		2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/19/2014	2/27/2014	2/27/2014	2/27/2014	1/13/2014	1/13/2014	1/13/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	34 U	34 U		50 J B	18 U	0.35 U	50 J B	0.35 U	1.8 U	21 J	18 U	30 U	0.33 U	3.4 U	0.33 U	0.33 U	0.34 U	0.34 U	0.71 J	0.33 U	0.33 U	0.33 U	0.34 U	0.34 U	0.33 U	0.34 U	0.34 U	0.38 U	0.37 U	0.42 U
4,4'-DDE	8,900	54 J B	26 U		49 J B	14 U	0.27 U	27 U	0.27 U	0.26 U	27 J	20 J	23 U	0.26 U	2.6 U	0.26 U	0.54 J	0.26 U	0.26 U	0.58 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.25 U	0.26 U	0.26 U	0.29 U	0.28 U	0.32 U
4,4'-DDT	7,900	69 J	72 J		81 J	35 J	0.18 U	74 J	0.18 U	0.18 U	35 J B	30 J B	16 U	0.87 J	1.8 U	0.86 J	1.3 J	1.4 J	0.18 U	0.95 J	0.88 J	0.86 J	0.86 J	0.18 U	0.88 J	0.86 J	0.18 U	0.18 U	0.20 U	0.19 U	0.22 U
Aldrin	97	44 U	43 U		44 U	22 U	0.44 U	45 U	0.44 U	0.43 U	23 UJ	22 U	38 U	0.42 U	4.3 U	0.42 U	0.42 U	0.42 U	0.43 U	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U	0.43 U	0.42 U	0.43 U	0.43 U	0.48 U	0.47 U	0.53 U
Alpha-BHC	480	32 U	31 U		33 U	16 U	0.32 U	33 U	0.32 U	0.32 U	17 U	16 U	28 U	0.35 J	3.2 U	0.31 U	1.7 U	1.7 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	1.8 U	0.32 U	0.31 U	0.32 U	0.31 U	2.0 U	0.34 U	0.39 U
Alpha-Chlordane	4,200	88 U	86 U		90 U	45 U	0.9 U	91 U	0.88 U	0.88 U	98 J	45 U	76 U	0.85 U	8.8 U	0.85 U	0.84 U	0.86 U	0.87 U	0.88 U	0.85 U	0.86 U	0.86 U	0.88 U	0.88 U	0.84 U	0.87 U	0.86 U	0.97 U	0.94 U	1.1 U
Beta-BHC	360	19 U	19 U		20 U	9.8 U	0.19 U	20 U	0.19 U	0.19 U	10 U	9.8 U	17 U	0.40 J	1.9 U	0.56 J	0.18 U	0.19 U	0.48 J	0.19 U	0.18 U	0.19 U	0.19 U	0.57 J	0.53 J	0.51 J	0.19 U	0.53 J	0.21 U	0.20 U	0.23 U
Delta-BHC[a]	100,000[c]	23 U	23 U		24 U	12 U	0.24 U	24 U	0.23 U	0.23 U	27 J B	12 U	42 J B	1.7 U	2.3 U	1.7 U	1.7 U	0.23 U	0.23 U	1.8 U	0.23 U	1.7 U	1.7 U	1.8 U	0.23 U	1.7 U	0.23 U	1.7 U	2.0 U	0.25 U	2.2 U
Dieldrin	200	42 U	42 U		43 U	22 U	0.43 U	44 U	0.43 U	0.42 U	22 U	22 U	37 U	0.41 U	4.2 U	0.41 U	0.41 U	0.41 U	0.42 U	0.42 U	0.41 U	0.41 U	0.41 U	0.42 U	0.42 U	0.41 U	0.42 U	0.42 U	0.47 U	0.46 U	0.52 U
Endosulfan I[b,i]	24,000[i]	22 U	22 U		23 U	11 U	0.23 U	23 UJ	0.22 U	0.22 U	12 U	11 U	19 U	0.21 U	2.2 U	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.22 U	0.25 U	0.24 U	0.27 U
Endosulfan II[b,i]	24,000[i]	32 U	31 U		33 U	16 U	0.32 U	33 U	0.32 U	0.36 J	17 U	16 U	28 U	0.31 U	3.2 U	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	0.32 U	0.32 U	0.31 U	0.32 U	0.31 U	0.35 U	0.34 U	0.39 U
Endosulfan sulfate[b,i]	24,000[i]	33 U	32 U		34 U	17 U	0.34 U	34 U	0.33 U	0.33 U	17 U	17 U	29 U	0.32 U	3.3 U	0.32 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.33 U	0.32 U	0.33 U	0.32 U	0.36 U	0.35 U	0.40 U
Endrin	11,000	24 U	24 U		25 U	12 U	0.25 U	25 U	0.24 U	0.24 U	13 U	13 U	21 U	0.24 U	2.4 U	0.24 U	0.23 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	0.24 U	0.27 U	0.26 U	0.30 U
Endrin aldehyde	NS	45 U	44 U		46 U	23 U	0.46 U	47 U	0.45 U	0.45 U	24 U	23 U	39 U	0.44 U	4.5 U	0.44 U	0.43 U	0.44 U	0.44 U	0.45 U	0.44 U	0.44 U	0.44 U	0.45 U	0.45 U	0.43 U	0.45 U	0.44 U	0.50 U	0.48 U	0.55 U
Endrin ketone	NS	44 U	43 U		44 U	22 U	0.44 U	45 U	0.44 U	0.43 U	23 U	22 U	38 U	0.42 U	4.3 U	0.42 U	0.42 U	0.42 U	0.43 U	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U	0.43 U	0.42 U	0.43 U	0.43 U	0.48 U	0.47 U	0.53 U
Gamma-BHC (Lindane)	1,300	22 U	21 U		22 U	11 U	0.22 U	23 U	0.22 U	0.22 U	11 U	11 U	19 U	0.21 U	2.2 U	0.21 U	1.7 U	1.7 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.22 U	0.21 U	2.0 U	1.9 U	2.2 U
Gamma-Chlordane	NS	56 U	55 U		57 U	29 U	0.57 U	58 U	0.56 U	0.56 U	76 J	57 J	49 U	0.54 U	5.6 U	0.54 U	0.54 U	0.55 U	0.55 U	0.56 U	0.54 U	0.55 U	0.55 U	0.56 U	0.56 U	0.54 U	0.56 U	0.55 U	0.62 U	0.60 U	0.69 U
Heptachlor	2,100	28 U	27 U		28 U	14 U	0.28 U	29 U	0.28 U	0.28 U	15 U	14 U	24 U	0.27 U	2.8 U	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.28 U	0.28 U	0.27 U	0.27 U	0.27 U	0.30 U	0.30 U	0.34 U
Heptachlor epoxide	NS	46 U	45 U		47 U	23 U	0.46 U	47 U	0.46 U	0.45 U	24 U	23 U	40 U	0.44 U	4.5 U	0.44 U	0.44 U	0.45 U	0.45 U	0.45 U	0.44 U	0.44 U	0.44 U	0.46 U	0.45 U	0.44 U	0.45 U	0.45 U	0.50 UJ	0.49 U	0.56 U
Methoxychlor	NS	24 U	55 J		25 U	12 U	0.25 U	25 U	0.24 U	0.24 U	13 U	13 U	21 U	0.24 U	2.4 U	0.24 U	0.74 J	0.79 J	0.24 U	1.8 U	0.72 J	0.24 U	0.77 J	0.24 U	0.24 U	0.23 U	0.24 U	0.24 U	0.27 U	0.26 U	0.30 U
Toxaphene	NS	1,000 U	1,000 U		1,100 UJ	530 U	10 UJ	1,100 UJ	10 U	10 U	540 U	530 U	890 U	9.9 U	100 U	9.9 U	9.9 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9.9 U	10 U	10 U	11 U	11 U	13 U

Client Sample ID:	NYSDEC (1)	LT-C-007			LT-C-008			LT-C-009			LT-C-010			LT-C-011			LT-C-012			LT-C-013			LT-C-014			LT-C-015			LT-C-016		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-53398-14	480-53398-15	480-53398-16	480-53398-18	480-53398-19	480-53398-20	480-53398-1	480-53398-2	480-53398-3	480-53398-5	480-53398-6	480-53398-7	480-53398-8	480-53398-9	480-53398-10	480-53482-1	480-53482-2	480-53482-2	480-53472-4	480-53472-5	480-53472-6	480-53472-8	480-53472-9	480-53472-10	480-53472-12	480-53472-13	480-53472-14	480-53472-15	480-53472-16	480-53472-18
Sampling Date:	Use	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/14/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/15/2014	1/16/2014	1/16/2014	1/16/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.37 U	0.38 U	0.39 U	0.37 UJ	0.34 U	0.36 U	0.38 U	0.39 U	0.35 U	1.9 U	0.37 U	0.35 U	0.39 U	0.39 U	1.8 U	20 JN	0.40 U	0.40 U	0.37 U	0.36 U	0.36 U	0.34 U	0.38 U	0.35 U	0.37 U	0.39 U	0.38 U	7.4 U	0.35 U	0.33 U
4,4'-DDE	8,900	0.46 J	0.30 U	0.30 U	0.29 U	0.26 U	0.27 U	0.29 U	0.30 U	0.27 U	1.5 U	0.29 U	0.27 U	0.30 U	0.30 U	1.4 U	5.7 J	0.63 J	0.58 J	0.29 U	0.28 U	0.28 U	0.40 J	0.29 U	0.27 U	0.29 U	0.30 U	0.29 U	5.7 U	0.27 U	0.26 U
4,4'-DDT	7,900	0.19 U	0.20 U	0.20 U	0.20 U	0.18 U	0.19 U	0.20 U	0.20 U	0.18 U	1.0 U	0.20 U	0.19 U	0.20 U	0.20 U	0.93 U	2.0 U	0.21 U	1.4 J	0.20 U	0.19 U	0.19 U	0.58 J	0.20 U	0.18 U	0.20 U	0.21 U	0.20 U	11 J	0.18 U	0.85 J
Aldrin	97	0.47 U	0.49 U	0.49 U	0.47 U	0.43 U	0.45 U	0.48 U	0.49 U	0.45 U	2.4 U	0.47 U	0.45 U	0.49 U	0.49 U	2.2 U	4.9 U	0.51 U	0.50 U	0.47 U	0.45 U	0.45 U	0.43 U	0.48 U	0.45 U	0.47 U	0.50 U	0.47 U	9.4 U	0.44 U	0.42 U
Alpha-BHC	480	0.34 U	0.36 U	0.36 U	0.35 U	0.32 U	0.33 U	0.35 U	0.36 U	0.33 U	1.8 U	1.9 U	1.8 U	0.36 U	0.36 U	1.6 U	3.6 U	0.37 U	0.37 U	0.35 U	0.33 U	0.33 U	0.32 U	0.35 U	0.33 U	0.35 U	0.36 U	0.35 U	6.9 U	0.32 U	0.31 U
Alpha-Chlordane	4,200	0.95 U	0.98 U	0.99 U	0.96 U	0.88 U	0.91 U	0.96 U	1.0 U	0.90 U	4.9 U	0.95 U	0.91 U	0.99 U	0.99 U	4.5 U	10 U	1.0 U	1.0 U	0.96 U	0.92 U	0.92 U	0.88 U	0.98 U	0.90 U	0.95 U	1.0 U	0.96 U	19 U	0.89 U	0.86 U
Beta-BHC	360	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.20 U	0.21 U	0.22 U	0.20 U	1.1 U	0.21 U	0.20 U	0.22 U	0.21 U	0.98 U	2.2 U	2.1 U	2.0 U	1.9 U	0.20 U	1.8 U	0.19 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U	4.1 U	1.8 U	0.19 U
Delta-BHC[a]	100,000[c]	0.25 U	0.26 U	2.0 U	0.25 U	0.23 U	0.24 U	1.9 U	0.26 U	0.24 U	1.3 U	0.25 U	1.8 U	0.26 U	0.26 U	1.2 U	4.3 JB	2.1 U	2.0 U	1.9 U	1.8 U	1.8 U	1.8 U	2.0 U	0.24 U	1.9 U	2.0 U	1.9 U	5.0 U	1.8 U	1.7 U
Dieldrin	200	0.46 U	0.47 U	0.48 U	0.46 U	0.42 U	0.44 U	0.46 U	0.48 U	0.43 U	2.3 U	0.46 U	0.44 U	0.48 U	0.48 U	2.2 U	5.8 U	0.49 U	0.49 U	0.46 U	0.44 U	0.44 U	0.42 U	0.47 U	0.43 U	0.46 U	0.49 U	0.46 U	9.2 U	0.43 U	0.41 U
Endosulfan I[b,i]	24,000[i]	0.24 U	0.25 U	0.25 U	0.24 UJ	0.22 U	0.23 U	0.24 U	0.25 U	0.23 U	1.2 U	0.24 U	0.23 U	0.25 U	0.25 U	1.1 U	2.5 U	0.26 U	0.26 U	0.24 U	0.23 U	0.23 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.24 U	4.8 U	0.23 U	0.22 U
Endosulfan II[b,i]	24,000[i]	0.34 U	0.36 U	0.36 U	0.35 U	0.32 U	0.33 U	0.35 U	0.36 U	0.33 U	1.8 U	0.34 U	0.33 U	0.36 U	0.36 U	1.6 U	3.6 U	0.44 J	0.50 J	0.41 J	0.48 J	0.33 U	0.32 U	0.35 U	0.33 U	0.35 U	0.36 U	0.37 J	6.9 U	0.32 U	0.49 J
Endosulfan sulfate[b,i]	24,000[i]	0.36 U	0.37 U	0.37 U	0.36 U	0.33 U	0.34 U	0.36 U	0.37 U	0.34 U	1.8 U	0.36 U	0.34 U	0.37 U	0.37 U	1.7 U	3.7 U	0.38 U	0.38 U	0.36 U	0.34 U	0.34 U	0.33 U	0.37 U	0.34 U	0.36 U	0.38 U	0.36 U	7.1 U	0.33 U	0.32 U
Endrin	11,000	0.26 U	0.27 U	0.27 U	0.26 U	0.24 U	0.25 U	0.27 U	0.28 U	0.25 U	1.3 U	0.26 U	0.25 U	0.28 U	0.27 U	1.3 U	2.8 U	0.28 U	0.56 J	0.26 U	0.25 U	0.25 U	0.24 U	0.27 U	0.25 U	0.26 U	0.28 U	0.27 U	5.3 U	0.25 U	0.24 U
Endrin aldehyde	NS	0.49 U	0.50 U	0.51 U	0.49 U	0.45 U	0.47 U	0.49 U	0.51 U	0.46 U	2.5 U	0.49 U	0.46 U	0.51 U	0.51 U	2.3 U	15 J	0.53 U	0.52 U	0.49 U	0.47 U	0.47 U	0.45 U	0.50 U	0.46 U	0.49 U	0.52 U	0.49 U	9.8 U	0.46 U	0.44 U
Endrin ketone	NS	0.47 U	0.49 U	0.49 U	0.47 U	0.43 U	0.45 U	0.48 U	0.49 U	0.45 U	2.4 U	0.47 U	0.45 U	0.49 U	0.49 U	2.2 U	4.9 U	2.1 U	0.50 U	0.47 U	0.61 J	0.67 J	0.43 U	0.48 U	0.45 U	0.47 U	0.50 U	0.47 U	9.4 U	0.70 J	0.53 J
Gamma-BHC (Lindane)	1,300	0.24 U	0.24 U	0.25 U	0.24 U	0.22 U	0.23 U	0.24 U	0.25 U	0.22 U	1.2 U	1.9 U	1.8 U	0.25 U	0.25 U	1.1 U	2.5 U	0.25 U	0.25 U	0.24 U	0.23 U	0.23 U	0.22 J	0.24 U	0.22 U	0.24 U	0.25 U	0.24 U	4.7 U	0.22 U	0.21 U
Gamma-Chlordane	NS	0.61 U	0.63 U	0.63 U	0.61 U	0.56 U	0.58 U	0.62 U	0.64 U	0.58 U	3.1 U	0.61 U	0.58 U	0.63 U	0.63 U	2.9 U	7.2 J	0.65 U	0.65 U	0.61 U	0.59 U	0.59 U	0.56 U	0.62 U	0.58 U	0.61 U	0.64 U	0.61 U	12 U	0.57 U	0.55 U
Heptachlor	2,100	0.30 U	0.31 U	0.31 U	0.30 U	0.28 U	0.29 U	0.30 U	0.31 U	0.28 U	1.5 U	0.30 U	0.28 U	0.31 U	0.31 U	1.4 U	3.1 U	0.32 U	0.32 U	0.30 U	0.29 U	0.29 U	0.28 U	0.31 U	0.28 U	0.30 U	0.32 U	0.30 U	6.0 U	0.28 U	0.27 U
Heptachlor epoxide	NS	0.49 U	0.51 U	0.51 U	0.49 UJ	0.45 U	0.47 U	0.50 U	0.52 U	0.47 U	2.5 U	0.49 U	0.47 U	0.51 U	0.51 U	2.3 U	5.7 J	0.53 U	0.53 U	0.50 U	0.48 U	0.48 U	0.45 U	0.51 U	0.47 U	0.49 U	0.52 U	0.50 U	9.8 U	0.46 U	0.44 U
Methoxychlor	NS	0.26 U	0.27 U	0.27 U	0.26 U	0.24 U	0.25 U	0.27 U	0.28 U	0.25 U	1.3 U	0.26 U	0.25 U	0.28 U	0.27 U	1.3 U	2.8 U	0.28 U	0.28 U	0.26 U	0.25 U	0.25 U	0.24 U	0.96 J	0.25 U	0.26 U	0.28 U	0.27 U	5.3 U	1.1 J	0.24 U
Toxaphene	NS	11 U	11 U	12 U	11 U	10 U	11 U	11 U	12 U	11 U	57 U	11 U	11 U	12 U	12 U	53 U	120 U	12 U	12 U	11 U	11 U	11 U	10 U	11 U	11 U	11 U	12 U	11 U	220 U	10 U	10 U

Client Sample ID:	NYSDEC (1)	LT-C-017			LT-C-018			LT-C-019			LT-C-020			LT-C-021			LT-C-022			LT-C-023			LT-C-024			LT-C-025			LT-C-026		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-53472-19	480-53472-20	480-53471-1	480-53536-23	480-53536-24	480-53536-25	480-53719-1	480-53719-2	480-53719-3	480-53719-4	480-53719-5	480-53719-6	480-53719-7	480-53719-8	480-53719-9	480-53719-10	480-53719-11	480-53719-12	480-53719-13	480-53719-14	480-53719-15	480-53719-17	480-53719-18	480-53719-19	480-53719-20	480-53719-21	480-53719-22	480-53782-1	480-53782-2	480-53782-3
Sampling Date:	Use	1/16/2014	1/16/2014	1/16/2014	1/17/2014	1/17/2014	1/17/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/20/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014	1/21/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.36 U	0.37 U	0.34 U	88 U	8.2 U	0.42 U	0.36 U	0.38 U	0.48 U	0.36 U	0.35 U	0.36 U	1.4 J	0.36 U	0.36 U	0.46 J	0.34 U	0.37 U	0.40 U	0.40 U	0.38 UJ	3.7 U	12 JN	0.38 UJ	6.7 U	3.5 U	3.5 U	18 U	20 U	7.4 U
4,4'-DDE	8,900	1.7 J	0.28 U	0.27 U	68 U	6.3 U	0.32 U	0.28 U	0.29 U	0.37 U	0.28 U	0.27 U	0.27 U	1.7 J	0.28 U	0.28 U	1.4 J	0.26 U	0.28 U	0.31 U	0.31 U	0.29 U	14 J	10	11 JN	5.2 U	2.7 U	2.7 U	94 U	15 U	5.7 U
4,4'-DDT	7,900	0.19 U	0.19 U	0.18 U	46 U	4.3 U	0.22 U	0.19 U	0.20 U	1.2 J	0.19 U	0.18 U	0.19 U	2.3	0.19 U	0.19 U	1.2 J	0.88 J	0.94 J	1.0 J	0.21 U	0.98 J	1.9 U	26 J	2.5 J	3.5 U	11 J	13 JB	9.5 U	10 U	3.9 U
Aldrin	97	0.46 U	0.46 U	0.44 U	110 U	10 U	0.53 U	0.45 U	0.48 U	0.60 U	0.46 U	0.44 U	0.45 U	0.50 U	0.46 U	0.45 U	0.46 U	0.43 U	0.46 U	0.50 U	0.50 U	0.48 U	4.6 U	0.46 U	0.48 UJ	8.5 UJ	4.4 U	4.4 U	23 UJ	25 UJ	9.4 UJ
Alpha-BHC	480	0.34 U	0.34 U	1.8 U	82 U	7.6 U	0.39 U	0.33 U	0.35 U	0.44 U	0.34 U	0.32 U	0.33 U	2.0 U	1.9 U	0.33 U	1.9 U	0.32 U	0.34 U	0.37 U	0.37 U	0.35 U	3.4 U	1.9 U	2.0 U	6.2 U	3.2 U	4.0 J	22 JB	18 U	6.9 U
Alpha-Chlordane	4,200	0.93 U	0.94 U	0.88 U	230 U	21 U	1.1 U	0.92 U	0.97 U	1.2 U	0.93 U	0.89 U	0.91 U	1.0 U	0.92 U	0.92 U	0.94 U	0.87 U	0.94 U	1.0 U	1.0 U	0.97 U	9.4 U	0.93 U	0.98 U	17 U	8.9 U	9.0 U	140 J	50 U	19 U
Beta-BHC	360	1.9 U	1.9 U	0.19 U	49 U	4.6 U	0.23 U	1.8 U	0.21 U	0.27 U	0.20 U	0.19 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U	0.19 U	0.20 U	2.0 U	0.22 U	0.21 U	3.2 JB	0.20 U	0.21 U	3.7 U	3.5 JB	2.6 JB	10 U	11 U	4.1 U
Delta-BHC[a]	100,000[c]	0.25 U	1.9 U	1.8 U	60 U	8.5 JB	0.39 JB	0.24 U	2.0 U	0.32 U	1.9 U	0.24 U	1.8 U	0.55 J	1.9 U	1.9 U	1.9 U	0.23 U	0.25 U	2.0 U	0.27 U	0.26 U	5.4 J	1.9 U	0.26 U	4.6 U	4.3 J	2.4 U	12 U	18 JB	7.1 JB
Dieldrin	200	0.47 J	0.45 U	0.43 U	110 U	10 U	0.52 U	0.44 U	0.47 U	0.59 U	0.45 U	0.43 U	0.44 U	0.70 J	0.45 U	0.44 U	0.45 U	0.42 U	0.45 U	0.49 U	0.49 U	0.47 U	10 J	5.0 JN	0.47 UJ	8.3 UJ	4.3 U	4.3 U	22 UJ	24 UJ	9.2 UJ
Endosulfan I[b,i]	24,000[i]	0.24 U	0.24 U	0.22 U	57 U	5.3 U	0.27 U	0.23 U	0.25 U	0.31 U	0.24 U	0.22 U	0.23 U	0.26 U	0.23 U	0.23 U	0.24 U	0.22 U	0.24 U	0.26 U	0.26 U	0.25 U	2.4 U	3.5	2.0 J	4.4 UJ	2.2 U	2.3 U	12 UJ	13 UJ	4.8 UJ
Endosulfan II[b,i]	24,000[i]	0.34 U	0.34 U	0.32 U	82 U	7.6 U	0.39 U	0.33 U	0.35 U	0.44 U	0.34 U	0.32 U	0.33 U	0.37 U	0.33 U	0.33 U	0.34 U	0.32 U	0.34 U	0.37 U	0.37 U	0.35 U	3.4 U	3.3 JN	0.35 UJ	6.2 U	3.2 U	3.2 U	17 U	18 U	6.9 U
Endosulfan sulfate[b,i]	24,000[i]	0.35 U	0.35 U	0.33 U	85 U	7.9 U	0.40 U	0.34 U	0.36 U	0.46 U	0.35 U	0.33 U	0.34 U	0.38 U	0.35 U	0.34 U	0.35 U	0.33 U	0.35 U	0.38 U	0.38 U	0.36 U	3.5 U	6.4 J	0.37 U	6.5 U	3.3 U	3.4 U	17 U	19 U	7.1 U
Endrin	11,000	0.69 J	0.26 U	0.24 U	63 U	5.8 U	0.30 U	0.25 U	0.27 U	0.34 U	0.26 U	0.25 U	0.25 U	0.28 U	0.26 U	0.25 U	0.33 J	0.24 U	0.26 U	0.28 U	0.28 U	0.27 U	2.9 J	8.3 JN	2.1 J	4.8 U	3.0 J	18 U	13 U	14 U	5.3 U
Endrin aldehyde	NS	0.48 U	0.48 U	0.45 U	120 U	11 U	0.55 U	0.47 U	0.50 U	0.63 U	0.51 J	0.51 J	0.47 U	0.56 J	0.47 U	0.47 U	0.48 U	0.45 U	0.48 U	0.52 U	0.52 U	0.50 U	4.8 U	14 J	2.3 J	8.9 UJ	4.5 U	4.6 U	24 UJ	26 UJ	9.8 UJ
Endrin ketone	NS	0.46 U	0.46 U	0.44 U	110 U	10 U	0.53 U	0.91 J	0.48 U	0.60 U	0.46 U	0.55 J	0.45 U	0.81 J	0.84 J	0.52 J	0.46 U	0.43 U	0.46 U	0.61 J	0.50 U	0.48 U	4.6 U	16 JN	0.48 U	8.5 U	4.4 U	4.4 U	23 U	25 U	9.4 U
Gamma-BHC (Lindane)	1,300	0.23 U	0.23 U	1.8 U	56 U	6.0 J	0.28 J	0.23 U	0.24 U	0.30 U	0.23 U	1.8 U	0.23 U	0.25 U	0.23 U	0.23 U	0.23 U	0.22 U	0.23 U	0.25 U	0.25 U	0.24 U	2.3 U	1.9 U	2.0 U	6.0 JB	3.8 J	3.8 J	12 U	12 U	38 U
Gamma-Chlordane	NS	1.4 J	0.60 U	0.56 U	140 U	13 U	0.69 U	0.59 U	0.62 U	1.4 J	0.60 U	0.57 U	0.58 U	1.4 J	0.59 U	0.59 U	0.60 U	0.56 U	0.60 U	0.65 U	0.65 U	0.62 U	10 J	5.6	0.63 UJ	11 U	5.7 U	5.7 U	190	32 U	12 U
Heptachlor	2,100	0.29 U	0.30 U	0.28 U	71 U	6.6 U	0.34 U	0.29 U	0.31 U	0.38 U	0.29 U	0.28 U	0.29 U	0.32 U	0.29 U	0.29 U	0.30 U	0.28 U	0.30 U	0.32

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-027			LT-C-028			LT-C-029			LT-C-030			LT-C-031			LT-C-032			LT-C-034			LT-C-035			LT-C-036			LT-C-037		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'
Laboratory ID:	Restricted-Residential	480-53782-4	480-53782-5	480-53782-6	480-53877-1	480-53877-2	480-53877-3	480-53877-4	480-53877-5	480-53877-6	480-54019-1	480-54019-2	480-54019-3	480-54019-4	480-54019-5	480-54019-6	480-54118-1	480-54118-2	480-54118-3	480-54308-5	480-54308-6	480-54308-7	480-54308-8	480-54308-9	480-54308-10	480-54308-12	480-54308-13	480-54308-14	480-54381-1	480-54381-2	480-54381-3
Sampling Date:	Use	1/21/2014	1/21/2014	1/21/2014	1/24/2014	1/24/2014	1/24/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/27/2014	1/30/2014	1/30/2014	1/30/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	6.8 U	0.40 UJ	0.39 U	0.36 U	0.38 U	0.36 U	0.67 J	0.38 U	7.9 U	7.3 U	1.8 U	0.39 U	1.8 J	7.3 U	0.36 U	0.37 U	0.35 U	0.37 U	27 J	0.34 U	0.34 U	16 U	0.34 U	0.35 U	0.51 JB	0.33 U	0.33 U	0.34 U	0.34 U	0.34 U
4,4'-DDE	8,900	5.2 U	2.0 U	0.30 U	0.28 U	0.29 U	0.27 U	0.83 J	0.30 U	6.1 U	5.6 U	1.4 U	0.30 U	0.29 U	10 J	0.28 U	0.80 J	0.27 U	0.44 J	61 J	0.26 U	0.32 J	29 J	1.7 U	0.45 J	2.0	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
4,4'-DDT	7,900	3.6 U	2.0 U	0.21 U	0.19 U	0.64 J	0.61 J	2.1 U	0.20 U	41 U	18 J	0.93 U	0.21 U	1.9 U	3.8 U	0.19 U	1.9 U	0.38 J	0.20 U	56 J	0.18 U	0.18 U	38 J	1.7 U	0.18 U	0.95 JB	0.18 U	0.17 U	0.58 J	0.18 U	0.18 U
Aldrin	97	8.6 U	0.50 UJ	0.49 U	0.46 U	0.48 U	0.45 U	0.51 U	0.49 U	10 U	9.2 U	2.2 U	0.50 U	0.47 U	9.2 U	0.46 U	0.47 U	0.44 U	0.47 U	21 U	0.43 U	0.43 U	21 U	0.43 U	0.44 U	0.43 U	0.42 U	0.42 U	0.42 U	0.42 U	0.43 U
Alpha-BHC	480	6.3 U	0.37 U	0.36 U	0.33 U	0.35 U	0.33 U	0.37 U	0.36 U	7.4 U	9.3 J	1.6 U	0.36 U	0.35 U	8.9 J	0.34 U	2.2 J	0.32 U	0.35 U	15 U	0.31 U	0.83 J	15 U	0.31 U	0.32 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Alpha-Chlordane	4,200	17 U	1.0 U	1.0 U	0.92 U	0.97 U	0.91 U	1.0 U	0.98 U	20 U	19 U	4.5 U	1.0 U	0.96 U	19 U	0.93 U	0.94 U	0.89 U	0.96 U	42 U	0.87 U	0.87 U	190	0.86 U	0.89 U	0.87 U	0.86 U	0.85 U	0.86 U	0.86 U	0.86 U
Beta-BHC	360	3.8 U	0.22 U	0.22 U	0.20 U	0.21 U	0.20 U	0.22 U	0.21 U	4.4 U	4.0 U	0.98 U	0.22 U	0.27 J	8.0 J	0.20 U	0.20 U	0.19 U	0.21 U	9.1 U	1.4 J	1.3 J	9.2 U	1.7 U	0.19 U	4.3 U	0.19 U	0.28 J	0.19 U	0.32 J	0.38 J
Delta-BHC[a]	100,000[c]	6.6 JB	2.0 U	2.0 U	1.9 U	1.9 U	1.8 U	2.1 U	2.0 U	5.4 U	4.9 U	9.1 U	2.0 U	1.9 U	4.9 U	1.9 U	1.9 U	1.8 U	1.9 U	11 U	0.23 U	1.8 U	15 JB	1.7 U	1.8 U	1.9 B	0.23 U	1.7 U	0.23 U	0.23 U	0.23 U
Dieldrin	200	8.4 U	0.55 J	0.48 U	0.45 U	0.47 U	0.44 U	0.50 U	0.47 U	9.8 U	9.0 U	2.2 U	0.49 U	0.46 U	9.0 U	0.45 U	0.45 U	0.43 U	0.46 U	20 U	0.42 U	0.42 U	20 U	0.42 U	0.43 U	0.42 U	0.41 U	0.41 U	0.41 U	0.41 U	0.42 U
Endosulfan I[a,i]	24,000[c]	4.4 U	0.26 UJ	0.25 U	0.23 U	0.24 U	0.23 U	0.26 U	0.25 U	5.1 U	4.7 UJ	1.1 U	0.25 U	0.24 U	4.7 UJ	0.24 U	0.24 U	0.22 U	0.24 U	11 U	0.22 U	0.22 U	11 U	0.22 U	0.22 U	0.46 JB	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Endosulfan II[a,i]	24,000[c]	6.3 U	0.37 UJ	0.36 U	0.33 U	0.35 U	0.33 U	0.37 U	0.36 U	7.4 U	6.7 U	1.6 U	0.36 U	0.35 U	6.7 U	0.34 U	0.34 U	0.32 U	0.35 U	15 U	0.31 U	0.31 U	15 U	0.31 U	0.32 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Endosulfan sulfate[a,i]	24,000[c]	6.5 U	0.38 U	0.38 U	0.35 U	0.36 U	0.34 U	0.39 U	0.37 U	7.6 U	7.0 U	1.7 U	0.38 U	0.36 U	38 U	0.35 U	0.35 U	0.33 U	0.36 U	16 U	0.33 U	0.33 U	16 U	0.32 U	0.33 U	0.33 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Endrin	11,000	4.8 U	0.28 UJ	0.28 U	0.26 U	0.27 U	0.25 U	0.29 U	0.27 U	5.6 U	38 U	1.3 U	0.28 U	0.26 U	5.2 U	0.26 U	0.26 U	0.25 U	0.27 U	12 U	0.24 U	0.24 U	12 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Endrin aldehyde	NS	8.9 U	0.52 UJ	0.51 U	0.47 U	0.50 U	0.47 U	0.53 U	0.50 U	10 U	9.6 U	2.3 U	0.52 U	0.49 U	9.6 U	0.48 U	0.48 U	0.45 U	0.49 U	22 U	0.45 U	0.45 U	22 U	0.44 U	0.45 U	0.45 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Endrin ketone	NS	8.6 U	0.50 U	0.49 U	0.46 U	0.48 U	0.45 U	0.51 U	0.49 U	10 U	9.2 U	2.2 U	0.50 U	1.1 J	9.2 U	0.46 U	0.47 U	0.44 U	0.47 U	21 U	0.43 U	0.43 U	21 U	0.43 U	0.44 U	0.57 J	0.42 U	0.42 U	0.42 U	0.42 U	0.43 U
Gamma-BHC (Lindane)	1,300	4.3 U	2.0 U	0.25 U	0.23 U	0.24 U	0.23 U	0.26 U	0.24 U	5.0 U	4.6 U	1.1 U	0.35 J	0.43 J	4.6 U	0.23 U	0.23 U	0.22 U	0.24 U	11 J	0.22 U	1.0 J	10 U	0.21 U	0.29 J	0.28 J	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Gamma-Chlordane	NS	13 J	0.88 J	0.64 U	0.59 U	0.62 U	0.58 U	0.66 U	0.63 U	13 U	12 U	2.9 U	0.64 U	2.1	12 U	0.60 U	0.60 U	0.57 U	0.61 U	85 U	0.56 U	0.56 U	140	0.55 U	0.57 U	1.6 J	0.55 U	0.54 U	0.55 U	0.55 U	0.55 U
Heptachlor	2,100	5.5 U	0.32 UJ	0.31 U	0.29 U	0.30 U	0.29 U	0.32 U	0.31 U	6.4 U	5.9 UJ	1.4 U	0.32 U	0.30 U	5.9 UJ	0.29 U	0.30 U	0.28 U	0.30 U	13 U	0.27 U	0.27 U	13 U	0.27 U	0.28 U	0.61 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Heptachlor epoxide	NS	9 U	0.53 UJ	0.52 U	0.48 U	0.50 U	0.47 U	0.53 U	0.51 U	11 U	9.7 U	2.3 U	0.52 U	4.1	9.7 U	0.48 U	0.49 U	0.46 U	0.50 U	22 U	0.45 U	0.45 U	43 J	0.45 U	0.46 U	0.45 U	0.44 U	0.44 U	0.44 U	0.45 U	0.45 U
Methoxychlor	NS	4.8 U	0.28 U	0.28 U	0.26 U	0.27 U	0.25 U	0.29 U	0.27 U	5.6 U	15 JB	1.3 U	0.28 U	0.93 J	19 JB	0.26 U	0.26 U	0.25 U	0.27 U	12 U	0.24 U	0.24 U	12 U	0.24 U	0.25 U	1.6 J	0.24 U	0.24 U	0.24 U	0.24 U	0.33 J
Toxaphene	NS	200 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	240 U	220 U	53 U	12 U	11 U	220 U	11 U	11 U	10 U	11 U	490 U	10 U	10 U	490 U	10 U	10 U	10 U	10 U	9.9 U	10 U	10 U	10 U

Client Sample ID:	NYSDEC (1)	LT-C-038			LT-C-039			LT-C-040			LT-C-041			LT-C-042			LT-C-043			LT-C-044			LT-C-045			LT-C-046			LT-C-047		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54381-5	480-54381-6	480-54381-7	480-54381-8	480-54381-9	480-54381-10	480-54381-11	480-54381-12	480-54381-13	480-54381-14	480-54381-15	480-54381-16	480-54381-17	480-54381-18	480-54381-19	480-54381-20	480-54381-21	480-54381-22	480-54381-25	480-54381-26	480-54381-27	480-54421-5	480-54421-6	480-54421-7	480-54421-9	480-54421-10	480-54421-11	480-54421-12	480-54421-13	480-54421-14
Sampling Date:	Use	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/4/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/5/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.34 U	0.33 U	0.34 U	0.34 U	0.34 U	0.34 U	0.39 J	0.35 U	0.34 U	0.35 U	0.34 U	0.33 U	0.34 U	0.34 U	0.43 J	0.35 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U	12 U	0.37 U	0.40 U	2.6 J	0.39 U	0.35 U	29 U	18 U	20 UJ
4,4'-DDE	8,900	1.1 J	0.43 J	0.26 U	0.26 U	0.44 J	0.26 U	0.42 J	0.27 U	0.26 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 U	0.40 J	0.27 U	0.26 U	0.26 U	0.35 J	0.25 U	0.26 U	15 J	0.28 U	0.31 U	3.6 J	1.2 J	0.27 U	54 J	30 J	26 J
4,4'-DDT	7,900	0.18 U	0.17 U	0.59 J	0.18 U	0.58 J	0.18 U	0.58 J	0.59 JB	0.58 J	0.62 J	0.58 J	0.58 J	0.59 J	0.59 J	0.64 J	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	6.1 U	0.75 J	0.21 U	11	1.5 J	0.67 J	62 J	38 J	11 UJ
Aldrin	97	0.43 U	0.42 U	0.43 U	0.43 U	0.43 U	0.43 U	0.42 U	0.44 U	0.43 U	0.45 U	0.43 U	0.42 U	0.43 U	0.43 U	0.44 U	0.44 U	0.43 U	0.43 U	0.43 U	0.42 U	0.43 U	15 U	0.46 U	0.50 U	2.4 U	0.49 U	0.44 U	36 U	23 U	26 UJ
Alpha-BHC	480	0.31 U	0.31 U	0.32 U	0.31 U	0.32 U	0.32 U	0.31 U	0.32 U	0.31 U	0.33 U	0.31 U	0.31 U	0.32 U	0.32 U	0.34 J	0.33 U	0.32 U	0.31 U	0.31 U	0.30 U	0.32 U	11 U	0.34 U	0.37 U	1.8 U	0.53 J	0.32 U	34 J	17 U	19 UJ
Alpha-Chlordane	4,200	0.87 U	0.85 U	0.88 U	0.87 U	0.87 U	0.87 U	0.85 U	0.89 U	0.87 U	0.91 U	0.87 U	0.86 U	0.88 U	0.88 U	0.88 U	0.90 U	0.88 U	0.87 U	0.87 U	0.84 U	0.87 U	30 U	0.94 U	1.0 U	4.9 U	0.99 U	0.89 U	73 U	46 U	52 UJ
Beta-BHC	360	1.2 J	0.18 U	0.19 U	0.19 U	0.34 J	0.44 J	0.35 J	0.19 U	0.42 J	0.39 J	0.19 U	0.19 U	0.42 J	0.39 J	0.41 J	0.20 U	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	11 J	0.20 U	0.22 U	1.4 J	2.0 U	1.8 U	28 J	17 J	15 J
Delta-BHC[a]	100,000[c]	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	0.23 U	1.7 U	1.8 U	1.7 U	1.8 U	0.23 U	0.23 U	0.23 U	1.8 U	1.8 U	0.24 U	1.8 U	0.23 U	1.7 U	1.7 U	0.23 U	7.8 U	0.25 U	0.27 U	2.9 JB	2.0 U	0.24 U	19 U	22 JB	14 UJ
Dieldrin	200	0.72 J	0.41 U	0.42 U	0.42 U	0.42 U	0.42 U	0.41 U	0.43 U	0.42 U	0.44 U	0.42 U	0.41 U	0.42 U	0.42 U	6.5	0.43 U	0.42 U	0.42 U	0.42 U	0.41 U	0.42 U	14 U	0.45 U	0.49 U	3.1 J	0.62 J	0.43 U	35 U	22 U	25 UJ
Endosulfan I[a,i]	24,000[c]	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	7.5 U	0.24 U	0.26 U	1.3 U	0.25 U	0.23 U	18 U	12 U	13 UJ
Endosulfan II[a,i]	24,000[c]	0.31 U	0.31 U	0.32 U	0.31 U	0.32 U	0.32 U	0.31 U	0.32 U	0.31 U	0.33 U	0.31 U	0.31 U	0.32 U	0.32 U	1.1 J	0.33 U	0.32 U	0.31 U	0.31 U	0.30 U	0.32 U	11 U	0.34 U	0.37 U	1.8 U	0.36 U	0.32 U	26 U	17 U	19 UJ
Endosulfan sulfate[a,i]	24,000[c]	0.33 U	0.32 U	0.33 U	0.32 U	0.33 U	0.33 U	0.32 U	0.33 U	0.33 U	0.34 U	0.32 U	0.32 U	0.33 U	0.33 U	0.33 U	0.34 U	0.33 U	0.33 U	0.33 U	0.32 U	0.33 U	11 U	0.35 U	0.38 U	1.9 U	0.37 U	0.33 U	27 U	17 U	19 UJ
Endrin	11,000	0.33 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	8.2 U	0.26 U	0.28 U	1.4 U	0.58 J	0.25 U	20 U	13 U	14 UJ
Endrin aldehyde	NS	0.67 J	0.44 U	0.45 U	0.45 U	0.45 U	0.45 U	0.44 U	0.45 U	0.45 U	0.46 U	0.44 U	0.44 U	0.45 U	0.45 U	0.45 U	0.46 U	0.45 U	0.45 U	0.45 U	0.43 U	0.45 U	15 U	0.48 U	0.52 U	5.2 J	0.51 U	0.46 U	38 U	24 U	26 UJ
Endrin ketone	NS	4.5	0.42 U	0.43 U	0.64 J	0.43 U	0.43 U	0.42 U	0.44 U	0.43 U	0.45 U	0.43 U	0.42 U	0.43 U	0.43 U	0.44 U	0.44 U	0.43 U	0.43 U	0.43 U	0.42 U	0.43 U	15 U	0.46 U	0.50 U	2.4 U	0.49 U	0.44 U	36 U	23 U	26 UJ
Gamma-BHC (Lindane)	1,300	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	7.3 U	0.23 U	0.25 U	1.2 U	0.25 U	0.22 U	35 J	11 U	13 UJ
Gamma-Chlordane	NS	0.56 U	0.54 U	0.56 U	0.55 U	0.56 U	0.56 U	0.54 U	0.57 U	0.55 U	0.58 U	0.55 U	0.55 U	0.56 U	0.56 U	0.89 J	0.58 U	0.56 U	0.56 U	0.56 U	0.54 U	0.56 U	19 U	0.60 U	0.65 U	4.1 J	0.70 J	0.57 U	47 U	29 U	33 UJ
Heptachlor	2,100	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.27 U	0.28 U	0.27 U	0.27 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.27 U	0.27 U	0.26 U	0.27 U	9.3 U	0.29 U	0.32 U	1.6 U	0.31 U	0.28 U	23 U	14 U	16 UJ
Heptachlor epoxide	NS	0.45 U	0.44 U	0.45 U	0.45 U	0.45 U	0.45 U	0.44 U	0.46 U	0.45 U	0.47 U	0.45 U	0.44 U	0.45 U	0.45 U	0.46 U	0.47 U	0.46 U	0.45 U	0.45 U	0.44 U	0.45 U	15 U	0.49 U	0.53 U	2.6 U	0.51 U	0.46 U	38 U	24 U	27 UJ
Methoxychlor	NS	0.24 U	0.29 J	0.33 J	0.30 J	0.24 U	0.24 U	0.27 J	0.25 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	8.2 U	0.26 U	0.28 U	5.0 J	0.27 U	0.25 U	45 J	13 U	14 UJ
Toxaphene	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	11 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	9.8 U	10 U	350 U	11 U	12 U	58 U	12 U	10 U	850 U	540 U	600 UJ

Client Sample ID:	NYSDEC (1)	LT-C-048			LT-C-049			LT-C-050			LT-C-051			LT-C-052			LT-C-053			LT-C-054			LT-C-055			LT-C-056			LT-C-057		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'		0-2'	4-6'	6-8'	0-2'	2-4'		0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-55087-22	480-55087-23	480-55087-24	480-55087-32	480-55087-33	480-55087-34	480-54485-1	480-54485-2	480-54485-3	480-54485-4	480-54485-5	480-54485-6	480-54955-1	480-54955-2		480-55157-24	480-55157-25	480-55157-26	480-55157-27	480-55157-28		480-54634-10	480-54634-11	480-54634-12	480-54634-15	480-54634-16	480-54634-18	480-55157-29	480-55157-30	480-55157-31
Sampling Date:	Use	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/20/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/18/2014	2/18/2014		2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014		2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/10/2014	2/21/2014	2/21/2014	2/21/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.36 U	3.6 U	0.39 U	7.1 U	0.37 U	0.4 U	19 U	18 U	1.8 U	10 J	0.35 U	0.38 U	2.1 U	2 U		35 J	1.9 U	3.6 U	6.2 J	0.35 U		0.36 U	0.35 U	0.38 U	21 U	18 U	7.6 U	1.7 U	0.36 U	2.5 J
4,4'-DDE	8,900	0.28 U	2.8 U	0.3 U	5.5 U	0.29 U	0.31 U	18 J	41 J	1.4 U	9.5 J	0.27 U	0.29 U	2.1 U	1.5 U		42 J	3 J	2.8 U	8.6 J	0.53 J		1.7 J	0.27 U	0.29 U	36 J	14 U	5.9 U	2.4 J	0.28 U	2.7 J
4,4'-DDT	7,900	0.75 J	1.9 U	0.21 U	3.7 U	0.2 U	0.21 U	35 J	71 J	0.93 U	8.3 J	0.61 J	0.67 J	0.22 U	1 U		50 J	1 U	1.9 U	10 J	0.7 J		0.88 J	0.18 U	0.20 U	110 U	9.5 U	4.0 U	3.6 J	0.74 J	0.93 U
Aldrin	97	0.46 U	4.5 U	0.5 UJ	9 U	0.47 U	0.51 U	24 U	23 U	2.2 U	4.4 U	0.45 U	0.48 U	0.52 U	2.5 U		23 U	2.4 U	4.5 U	4.5 U	0.44 U		0.46 U	0.44 U	0.47 U	26 U	23 U	9.6 U	2.2 U	0.46 U	2.3 U
Alpha-BHC	480	0.33 U	3.3 U	0.36 U	6.6 U	0.35 U	0.37 U	17 U	17 U	9.2 U	3.2 U	0.33 U	0.35 U	0.38 U	1.8 U		17 U	1.8 U	3.3 U	3.3 U	0.32 U		0.34 U	0.32 U	0.35 U	19 U	17 U	7.0 U	1.6 U	0.34 U	1.6 U
Alpha-Chlordane	4,200	0.92 U	9.2 U	1 U	18 U	0.96 U	1 U	48 U	62 J	4.6 U	8.9 U	0.90 U	0.97 U	1.1 U	5.1 U		46 U	4.9 U	9.2 U	9.1 U	0.89 U		0.93 U	0.88 U	0.96 U	53 U	47 U	19 U	4.4 U	0.93 U	4.6 U
Beta-BHC	360	0.2 U	2 U	0.22 U	4 U	0.21 U	0.22 U	10 U	10 U	0.99 U	1.9 U	1.8 U	2.0 U	0.23 U	1.1 U		10 U	1.1 U	2 U	2 U	0.19 U		0.20 U	0.19 U	0.21 U	11 U	10 U	4.2 U	0.96 U	0.2 U	0.99 U
Delta-BHC[a]	100,000[c]	0.24 U	2.4 U	0.27 U	4.8 U	0.25 U	0.27 U	13 U	16 JB	9.2 U	3.5 JB	1.8 U	2.0 U	0.28 U	1.4 U		12 U	1.3 U	2.4 U	2.4 U	0.24 U		0.25 U	0.23 U	0.25 U	14 U	12 U	5.2 U	1.2 U	0.25 U	1.2 U
Dieldrin	200	0.44 U	4.4 U	0.48 UJ	8.8 U	0.46 U	0.5 U	23 U	93 U	2.2 U	4.3 U	0.44 U	0.47 U	0.51 U	2.5 U		22 U	2.4 U	4.4 U	4.4 U	0.43 U		0.45 U	0.43 U	0.46 U	26 U	22 U	9.4 U	2.1 U	0.45 U	2.2 U
Endosulfan I[a,i]	24,000[c]	0.23 U	2.3 U	0.25 UJ	4.6 U	0.24 U	0.26 U	12 U	12 U	1.2 U	2.3 U	0.23 U	0.25 U	0.27 U	1.3 U		12 U	1.2 U	2.3 U	2.3 U	0.23 U		0.24 U	0.22 U	0.24 U	13 U	12 U	4.9 U	1.1 U	0.24 U	1.2 U
Endosulfan II[a,i]	24,000[c]	0.33 U	3.3 U	0.36 U	6.6 U	0.35 U	0.37 U	17 U	17 U	1.6 U	3.2 U	0.33 U	0.35 U	0.38 U	1.8 U		17 U	1.8 U	3.3 U	3.3 U	0.32 U		0.77 J	0.32 U	0.35 U	19 U	17 U	7.0 U	1.6 U	0.34 U	1.6 U
Endosulfan sulfate[a,i]	24,000[c]	0.35 U	3.4 U	0.38 U	6.8 U	0.93 J	0.39 U	18 U	93 U	1.7 U	3.4 U	0.34 U	0.36 U	0.4 U	1.9 U		17 U	1.8 U	3.4 U	3.4 U	0.33 U		0.35 U	0.33 U	0.36 U	20 U	17 U	7.3 U	1.7 U	0.35 U	1.7 U
Endrin	11,000	0.26 U	2.5 U	0.28 U	5.1 U	0.27 U	0.29 U	13 U	13 U	1.3 U	2.5 U	0.31 J	0.27 U	0.29 U	1.4 U		13 U	1.4 U	2.5 U	2.5 U	0.25 U		0.26 U	0.25 U	0.27 U	15 U	13 U	5.4 U	1.2 U	0.26 U	1.3 U
Endrin aldehyde	NS	0.47 U	4.7 U	0.52 U	9.4 U	0.49 U	0.53 U	24 U	24 U	2.3 U	4.6 U	0.46 U	0.50 U	0.54 U	2.6 U		24 U	2.5 U	4.7 U	4.7 U	0.46 U		0.48 U	0.45 U	0.49 U	27 U	24 U	10 U	2.3 U	0.48 U	2.3 U
Endrin ketone	NS	0.46 U	4.5 U	0.5 U	9 U	0.47 U	0.51 U	24 U	23 U	2.2 U	4.4 U	0.45 U	0.48 U	0.52 U	2.5 U		23 U	2.4 U	4.5 U	4.5 U	0.44 U		0.46 U	0.44 U	0.47 U	26 U	23 U	9.6 U	2.2 U	0.46 U	2.3 U
Gamma-BHC (Lindane)	1,300	0.23 U	2.3 U	0.25 U	4.5 U	0.24 U	0.26 U	12 JB	11 U	1.1 U	2.2 U	0.22 U	0.24 U	0.5 J	1.3 U		11 U	1.2 U	2.3 U	2.3 U	0.22 U		0.23 U	0.22 U	0.24 U	13 U	12 U	4.8 U	1.1 U	0.23 U	1.1 U
Gamma-Chlordane	NS	0.59 U	5.9 U	0.64 U	12 U	0.61 U	0.66 U	30 U	78 J	2.9 U	5.7 U	0.91 J	0.86 J	0.68 U	3.3 U		29 U	3.1 U	5.9 U	7 J	0.57 U		0.60 U	0.56 U	0.61 U	34 U	30 U	12 U	2.8 U	0.6 U	2.9 U
Heptachlor	2,100	0.29 U	2.9 U	0.32 UJ	5.7 U	0.3 U	0.32 U	15 U	15 U	1.4 U	2.8 U	0.28 U	0.31 U	0.33 U	1.6 U		14 U	1.5 U	2.9 U	2.9 U	0.28 U		0.29 U	0.28 U	0.30 U	17 U	15 U	6.1 U	1.4 U	0.29 U	1.4 U
Heptachlor epoxide	NS	0.48 U	4.8 U	0.52 UJ	9.5 U	0.5 U	0.53 U

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-C-058			LT-C-060			LT-C-061			LT-C-062			LT-C-063			LT-C-064			LT-C-065			LT-C-066			LT-C-067			LT-C-068		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'
Laboratory ID:	Restricted-Residential	480-54955-17	480-54955-18	480-54955-19	480-55212-1	480-55212-2	480-55212-3	480-55280-1	480-55280-2	480-55280-3	480-55280-11	480-55280-12	480-55280-13	480-55280-14	480-55280-15	480-55280-16	480-55330-18	480-55330-19	480-55330-20	480-55330-1	480-55330-2	480-55330-3	480-55330-4	480-55330-5	480-55330-6	480-55330-7	480-55330-8	480-55330-9	480-55330-12	480-55330-13	480-55330-14
Sampling Date:	Use	2/19/2014	2/19/2014	2/19/2014	2/24/2014	2/24/2014	2/24/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.35 U	0.34 U	0.34 U	0.37 U	0.34 U	0.36 U	0.75 J	0.66 J	0.87 J	14	0.33 U	0.35 U	3.5 U	0.34 U	0.71 J	0.35 U	0.38 U	0.34 U	1.8 U	1.9 U	0.36 U	0.57 J	0.36 U	0.36 U	0.38 U	0.38 U	0.36 U	4 U	0.38 U	0.35 U
4,4'-DDE	8,900	0.27 U	0.26 U	0.26 U	5.7	0.26 U	0.28 U	0.55 J	0.68 J	1 J	1.7 J	0.26 U	0.27 U	2.7 U	0.26 U	0.28 U	0.27 U	0.29 U	0.26 U	3.1 J	3.8 J	0.56 J	1.1 J	0.66 J	0.66 J	0.29 U	0.49 J	0.28 U	3.1 U	0.29 U	0.44 J
4,4'-DDT	7,900	0.18 U	0.18 U	0.18 U	6.1	0.69 J	0.19 U	0.42 J	0.79 J	0.18 U	7.9	0.64 J	0.18 U	1.8 U	0.67 J	0.19 U	0.36 J	0.2 U	0.18 U	4 J	4.7 J	0.73 J	1.3 J	0.89 J	0.77 J	0.2 U	0.81 J	0.19 U	2.1 U	0.2 U	0.18 U
Aldrin	97	0.45 U	0.43 U	0.43 U	0.46 U	0.43 U	0.45 U	0.44 U	0.44 U	0.43 U	0.43 U	0.42 U	0.45 U	4.4 U	0.43 U	0.45 U	0.44 U	0.48 U	0.43 U	2.3 U	2.3 U	0.45 U	0.47 U	0.46 U	0.46 U	0.48 U	0.48 U	0.46 U	5.1 U	0.48 U	0.45 U
Alpha-BHC	480	0.33 U	0.32 U	0.32 U	0.34 U	0.31 U	0.33 U	0.32 U	0.32 U	0.32 U	0.32 U	0.31 U	0.33 U	3.2 U	0.31 U	0.33 U	0.32 UJ	0.35 U	0.32 U	1.7 U	2.2 J	0.33 U	0.48 J	0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	5.4 J	0.35 U	0.33 U
Alpha-Chlordane	4,200	0.9 U	0.88 U	0.88 U	0.94 U	0.87 U	0.92 U	0.89 U	0.88 U	0.88 U	0.88 U	0.86 U	0.9 U	9 U	0.87 U	0.91 U	0.9 U	0.97 U	0.87 U	4.6 U	4.7 U	0.91 U	0.96 U	0.93 U	0.93 U	0.97 U	0.97 U	0.93 U	10 U	0.97 U	0.9 U
Beta-BHC	360	0.2 U	0.19 U	0.19 U	0.79 J	0.19 U	0.2 U	0.19 U	1.7 J	0.19 U	0.35 J	0.19 U	0.41 J	1.9 U	0.19 U	0.2 U	0.19 U	0.21 U	0.19 U	1 U	1 U	0.47 J	0.56 J	0.54 J	0.53 J	0.21 U	0.21 U	0.2 U	2.2 U	0.21 U	0.2 U
Delta-BHC[a]	100,000[a]	0.24 U	0.23 U	0.23 U	3.4	0.23 U	0.24 U	1.8 U	0.23 U	0.51 J	0.23 U	0.23 U	0.24 U	2.4 U	0.23 U	0.24 U	0.41 J	0.26 U	0.23 U	1.2 U	1.3 U	0.24 U	0.25 U	0.25 U	1.9 U	1.9 U	0.26 U	0.25 U	2.7 U	0.26 U	0.24 U
Dieldrin	200	0.43 U	0.42 U	0.42 U	9.8	0.42 U	0.44 U	0.43 U	0.43 U	0.42 U	3	0.41 U	0.43 U	4.3 U	0.42 U	0.44 U	0.43 U	0.47 U	0.42 U	2.2 U	2.3 U	0.44 U	0.46 U	0.45 U	0.45 U	0.47 U	0.47 U	0.45 U	5 U	0.47 U	0.43 U
Endosulfan I[c,i]	24,000[i]	0.23 U	0.22 U	0.22 U	2.6	0.22 U	0.23 U	0.23 U	0.22 U	0.22 U	39	0.22 U	0.23 U	2.3 U	0.22 U	0.23 U	0.23 U	0.24 U	0.22 U	1.2 U	1.2 U	0.23 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.23 U	2.6 U	0.24 U	0.23 U
Endosulfan II[c,i]	24,000[i]	0.4 J	0.38 J	0.38 J	0.34 U	0.31 U	0.33 U	0.32 U	0.32 U	0.32 U	0.32 U	0.31 U	0.33 U	3.2 U	0.31 U	0.33 U	0.32 U	0.35 U	0.32 U	1.7 U	1.7 U	0.33 U	0.35 U	0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	3.7 U	0.35 U	0.33 U
Endosulfan sulfate[c,i]	24,000[i]	0.34 U	0.33 U	0.33 U	0.35 U	0.33 U	0.34 U	0.33 U	0.33 U	0.33 U	0.33 U	0.32 U	0.34 U	3.4 U	0.32 U	0.34 U	0.34 U	0.36 U	0.33 U	1.7 U	1.8 U	0.34 U	0.36 U	0.35 U	0.35 U	0.36 U	0.37 U	0.35 U	3.9 U	0.36 U	0.34 U
Endrin	11,000	0.25 U	0.24 U	0.24 U	0.26 U	0.24 U	0.25 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	2.5 U	0.24 U	0.25 U	0.25 U	0.27 U	0.24 U	1.3 U	1.3 U	0.25 U	0.27 U	0.26 U	0.26 U	0.27 U	0.27 U	0.26 U	2.9 U	0.27 U	0.25 U
Endrin aldehyde	NS	0.46 U	0.45 U	0.45 U	0.9 J	0.45 U	0.47 U	0.46 U	0.45 U	0.45 U	0.45 U	0.44 U	0.46 U	4.6 U	0.44 U	0.47 U	0.46 U	0.5 U	0.45 U	2.4 UJ	2.4 U	0.47 U	0.49 U	0.48 U	0.48 U	0.5 U	0.5 U	0.48 U	5.3 U	0.5 U	0.46 U
Endrin ketone	NS	0.45 U	0.43 U	0.43 U	0.46 U	0.43 U	0.45 U	0.44 U	0.44 U	0.43 U	0.47 J	0.42 U	0.45 U	4.4 U	0.43 U	0.45 U	0.44 U	0.48 U	0.43 U	2.3 U	2.3 U	0.45 U	0.63 J	0.46 U	0.46 U	0.48 U	0.48 U	0.46 U	5.1 U	0.48 U	0.45 U
Gamma-BHC (Lindane)	1,300	0.22 U	0.22 U	0.22 U	0.72 J	0.22 U	0.46 J	0.22 U	0.22 U	0.22 U	0.22 U	0.21 U	0.22 U	2.2 U	0.21 U	0.23 U	0.22 U	0.24 U	0.22 U	1.2 U	1.2 U	0.23 U	0.24 U	0.23 U	0.23 U	0.24 U	0.24 U	0.23 U	2.6 U	0.24 U	0.22 U
Gamma-Chlordane	NS	0.58 U	0.56 U	0.56 U	4.9	0.55 U	0.59 U	1.2 J	0.56 U	0.56 U	0.56 U	0.55 U	0.58 U	5.7 U	0.55 U	0.58 U	0.57 U	0.62 U	0.56 U	3 U	3.4 J	0.58 U	0.61 U	0.6 U	0.6 U	0.62 U	0.62 U	0.59 U	6.6 U	0.62 U	0.58 U
Heptachlor	2,100	0.28 U	0.28 U	0.28 U	2.6	0.27 U	0.29 U	0.28 U	0.28 U	0.28 U	0.28 U	0.27 U	0.28 U	2.8 U	0.27 U	0.29 U	0.28 U	0.3 U	0.27 U	1.5 U	1.5 U	0.29 U	0.3 U	0.29 U	0.29 U	0.3 U	0.31 U	0.29 U	3.3 U	0.3 U	0.28 U
Heptachlor epoxide	NS	0.47 U	0.45 U	0.45 U	14	0.45 U	0.48 U	0.46 U	0.46 U	0.46 U	0.46 U	0.44 U	0.47 U	4.6 U	0.45 U	0.47 U	0.47 U	0.5 U	0.45 U	2.4 U	2.5 U	0.47 U	0.5 U	0.48 U	0.48 U	0.5 U	0.51 U	0.48 U	5.4 U	0.5 U	0.47 U
Methoxychlor	NS	0.66 J	0.24 U	0.24 U	0.26 U	0.24 U	0.25 U	0.25 U	2.1	2	0.81 J	0.24 U	0.25 U	2.5 U	0.24 U	0.25 U	0.25 U	0.74 J	0.24 U	1.3 U	1.3 U	0.25 U	4.1	0.26 U	0.26 U	0.27 U	0.27 U	0.26 U	2.9 U	0.27 U	0.25 U
Toxaphene	NS	11 U	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	11 U	100 U	10 U	11 U	10 U	11 U	10 U	54 UJ	55 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	120 U	11 U	11 U

Client Sample ID:	NYSDEC (1)	LT-C-069			LT-C-070			LT-C-071			LT-C-072			LT-C-073			LT-C-074			LT-C-075			LT-C-076			LT-G-001			LT-G-003		
Sample Depth:	Soil Cleanup Objectives	0-2	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	480-55280-17	480-55280-18	480-55280-19	480-55330-15	480-55330-16	480-55330-17	480-55330-21	480-55330-22	480-55330-23	480-55391-1	480-55391-2	480-55391-3	480-55391-4	480-55391-5	480-55391-6	480-55391-10	480-55391-11	480-55391-12	480-55489-1	480-55489-2	480-55489-3	480-55489-4	480-55489-5	480-55489-6	480-53877-14	480-53877-15	480-53877-16	480-54019-7	480-54019-8	480-54019-9
Sampling Date:	Use	2/25/2014	2/25/2014	2/25/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/26/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	2/27/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	1/27/2014	1/27/2014	1/27/2014	1/28/2014	1/28/2014	1/28/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.36 U	0.35 U	0.34 U	0.38 U	0.37 U	0.36 U	0.37 U	0.37 U	0.35 U	0.34 U	0.37 U	0.35 U	1.8 U	0.34 U	0.34 U	0.35 U	0.36 U	0.45 J	0.35 U	0.35 U	0.34 U	0.36 J	0.34 U	0.35 U	0.37 U	0.37 U	18 U	0.35 U	0.38 U	7.5 U
4,4'-DDE	8,900	0.28 U	0.27 U	0.26 U	0.49 J	0.28 U	0.28 U	0.43 J	0.29 U	0.27 U	0.53 J	0.47 J	0.27 U	3 J	0.26 U	0.26 U	0.27 U	0.28 U	0.43 J	0.4 J	0.27 U	0.26 U	1 J	0.26 U	0.27 U	0.50 J	0.28 U	14 U	3.2	0.29 U	5.8 U
4,4'-DDT	7,900	0.71 J	0.7 J	0.18 U	0.77 J	0.19 U	0.19 U	0.19 U	0.19 U	0.18 U	0.68 J	0.48 J	0.5 J	3.9 J	0.46 J	0.44 J	0.53 J	0.52 J	0.5 J	0.89 J	0.18 U	0.18 U	1.3 J	0.18 U	0.18 U	1.9 U	0.19 U	9.4 U	1.8 U	0.20 U	3.9 U
Aldrin	97	0.45 U	0.45 U	0.43 U	0.48 U	0.47 U	0.46 U	0.47 U	0.47 U	0.45 U	0.43 U	0.47 U	0.44 U	2.3 U	0.43 U	0.43 U	0.44 U	0.46 U	0.45 U	0.44 UJ	0.44 U	0.43 U	0.62 J	0.43 U	0.44 U	0.46 U	0.47 U	23 U	0.44 U	0.48 U	9.5 U
Alpha-BHC	480	0.33 U	0.44 J	0.31 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.32 U	0.34 U	0.32 U	1.7 U	0.31 U	0.31 U	0.32 U	0.33 U	0.33 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.34 U	0.34 U	17 U	0.33 U	0.35 U	7.0 U
Alpha-Chlordane	4,200	0.91 U	0.9 U	0.87 U	0.97 U	0.94 U	0.93 U	0.95 U	0.95 U	0.9 U	0.87 U	0.94 U	0.9 U	4.6 U	0.86 U	0.87 U	0.9 U	0.93 U	0.92 U	0.89 U	0.89 U	0.87 U	0.88 U	0.87 U	0.89 U	0.94 U	0.94 U	46 U	0.90 U	0.97 U	19 U
Beta-BHC	360	0.2 U	0.47 J	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	1 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.20 U	0.20 U	9.9 U	0.61 J	0.21 U	4.2 U
Delta-BHC[a]	100,000[a]	0.24 U	0.24 U	0.23 U	0.26 U	0.25 U	0.25 U	0.25 U	0.42 J	0.24 U	0.23 U	0.62 J	0.52 J	2.6 J	0.52 J	0.53 J	0.5 J	0.52 J	0.52 J	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.9 U	0.25 U	15 JB	2.2 B	1.9 U	5.1 U
Dieldrin	200	0.44 U	0.44 U	0.42 U	0.47 U	0.45 U	0.45 U	0.46 U	0.46 U	0.44 U	0.42 U	0.46 U	0.43 U	2.2 U	0.41 U	0.42 U	0.43 U	0.45 U	0.44 U	0.43 U	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U	0.45 U	0.45 U	22 U	0.54 J	0.47 U	9.3 U
Endosulfan I[c,i]	24,000[i]	0.23 U	0.23 U	0.22 U	0.25 U	0.24 U	0.23 U	0.24 U	0.24 U	0.23 U	0.22 U	0.24 U	0.23 U	1.2 U	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.24 U	0.24 U	12 U	2.6	0.24 U	4.9 U
Endosulfan II[c,i]	24,000[i]	0.33 U	0.33 U	0.31 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.32 U	0.34 U	0.32 U	1.7 U	0.31 U	0.31 U	0.32 U	0.33 U	0.33 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U	0.34 U	0.34 U	17 U	0.33 U	0.35 U	7.0 U
Endosulfan sulfate[c,i]	24,000[i]	0.34 U	0.34 U	0.33 U	0.36 U	0.35 U	0.35 U	0.36 U	0.36 U	0.34 U	0.33 U	0.35 U	0.34 U	1.7 U	0.32 U	0.33 U	0.34 U	0.35 U	0.34 U	0.33 U	0.33 U	0.32 U	0.33 U	0.33 U	0.33 U	0.35 U	0.35 U	17 U	0.34 U	0.36 U	7.2 U
Endrin	11,000	0.25 U	0.25 U	0.24 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 U	0.25 U	0.24 U	0.26 U	0.25 U	4.3 J	0.24 U	0.24 U	0.25 U	0.26 U	0.26 U	0.25 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U	0.26 U	0.26 U	13 U	0.25 U	0.27 U	5.3 U
Endrin aldehyde	NS	0.47 U	0.46 U	0.45 U	0.5 U	0.48 U	0.48 U	0.49 U	0.49 U	0.46 U	0.45 U	0.48 U	0.46 U	2.4 U	0.44 U	0.45 U	0.46 U	0.47 U	0.47 U	0.46 U	0.46 U	0.45 U	0.45 U	0.45 U	0.45 U	0.48 U	0.48 U	23 U	1.8 U	0.50 U	9.9 U
Endrin ketone	NS	0.45 U	0.45 U	0.43 U	0.48 U	0.47 U	0.46 U	0.47 U	0.47 U	0.45 U	0.47 J	0.47 U	0.75 J	2.3 U	0.43 U	0.43 U	0.44 U	0.46 U	0.45 U	0.44 U	0.44 U	0.43 U	0.43 U	0.43 U	0.44 U	0.46 U	0.47 U	23 U	0.44 U	0.48 U	9.5 U
Gamma-BHC (Lindane)	1,300	0.23 U	0.22 U	0.22 U	0.24 U	0.23 U	0.23 U	0.24 U	0.24 U	0.22 U	0.22 U	0.23 U	0.22 U	1.1 U	0.21 U	0.22 U	0.22 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.9 U	0.23 U	11 U	1.8 U	1.9 U	4.8 U
Gamma-Chlordane	NS	0.58 U	0.58 U	0.55 U	0.62 U	0.6 U	0.59 U	0.61 U	0.61 U	0.58 U	0.56 U	0.6 U	0.57 U	3 U	0.55 U	0.55 U	0.57 U	0.59 U	0.59 U	0.57 J	0.57 U	0.55 U	0.89 J	0.56 U	0.57 U	0.60 U	0.60 U	29 U	2.2	0.62 U	12 U
Heptachlor	2,100	0.29 U	0.28 U	0.27 U	0.31 U	0.3 U	0.29 U	0.3 U	0.3 U	0.28 U	0.27 U	0.3 U	0.28 U	1.5 U	0.27 U	0.27 U	0.28 U	0.29 U	0.29 U	0.28 U	0.28 U	0.27 U	0.28 U	0.27 U	0.28 U	0.29 U	0.30 U	14 U	0.60 J	0.30 U	6.1 U
Heptachlor epoxide	NS	0.47 U	0.47 U	0.45 U	0.5 U	0.49 U	0.48 U	0.49 U	0.49 U	0.47 U	0.45 U	0.49 U	0.47 U	2.4 U	0.45 U	0.45 U	0.46 U	0.48 U	0.48 U	0.46 U	0.46 U	0.45 U	2.2	0.45 U	0.46 U	0.49 U	0.49 U	24 U	0.47 U	0.50 U	10 U
Methoxychlor	NS	0.25 U	0.61 J	0.24 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 U	0.25 U	0.24 U	0.26 U	0.25 U	1.3 U	0.24 U	0.24 U	0.25 U	0.26 U	0.26 U	0.25 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U	0.26 U	0.26 U	13 U	0.25 U	0.27 U	5.3 U
Toxaphene	NS	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	54 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	11 U	530 U	11 U	11 U	220 U

Client Sample ID:	NYSDEC (1)	LT-G-004			LT-G-005			LT-G-006			LT-G-007			LT-G-008			LT-G-009			LT-G-010			LT-G-013			LT-G-014			LT-G-015		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	480-54019-10	480-54019-11	480-54017-12	480-54124-2	480-54124-3	480-54124-4	480-54003-1	480-54003-2	480-54003-3	480-54003-5	480-54003-6	480-54003-7	480-54003-11	480-54003-12	480-54003-13	480-54003-14	480-54003-15	480-54003-16	480-54003-17	480-54003-18	480-54003-19	480-54064-1	480-54064-2	480-54064-3	480-54064-4	480-54064-5	480-54064-6	480-54064-8	480-54064-9	480-54064-10
Sampling Date:	Use	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/30/2014	1/30/2014	1/30/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.35 U	0.34 U	0.47 J	11	0.65 J	0.56 J	4.3	0.35 U	0.37 U	5.3	0.37 U	0.37 U	0.37 U	0.35 U	0.35 U	1.8 J	0.35 U	0.36 U	0.39 J	0.38 J	0.36 U	0.81 J	0.34 U	0.36 U	0.35 U	0.34 U	0.34 U	0.35 U	0.35 U	0.35 U
4,4'-DDE	8,900	0.37 J	0.26 U	0.30 U	4.4	0.64 J	0.31 U	0.28 J	0.27 U	0.29 U	6.5 J	0.29 J	0.28 U	0.28 J	0.27 J	0.27 U	1.4 J	0.27 U	0.28 U	0.30 J	0.29 U	0.28 U	1.6 J	0.27 U	0.28 U	0.27 U	0.26 U	0.26 U	1.0 J	0.27 U	0.27 U
4,4'-DDT	7,900	0.18 U	0.18 U	0.20 U	0.24 U	0.21 U	0.21 U	5.9	0.18 U	0.19 U	10 J	0.19 U	0.19 U	1.9 U	1.8 U	0.18 U	0.96 J	0.18 J	0.19 U	0.20 J	0.20 J	0.19 U	7.8	0.72 J	0.73 J	0.18 U	0.18 U	0.18 U	1.8 U	1.8 U	1.8 U
Aldrin	97	0.45 U	0.43 U	0.48 U	0.58 U	0.51 U	0.52 U	0.46 J	0.45 U	0.47 U	2.7 JN	0.47 U	0.47 U	0.46 J	0.44 J	0.44 U	2.3 J	0.44 U	0.46 U	0.49 U	0.48 U	0.45 U	0.43 U	0.44 U	0.45 U	0.44 U	0.43 U	0.43 U	0.44 U	0.44 U	0.44 U
Alpha-BHC	480	0.33 U	0.31 U	0.35 U	0.42 U	0.37 U	0.38 U	0.34 U	0.33 U	0.34 U	0.33 UJ	0.34 U	0.34 U	0.34 U	0.32 U	0.32 U	1.7 U	0.32 U	0.33 U	0.36 U	0.35 U	0.33 U	0.31 U	0.32 U	0.33 U	0.32 U	0.32 U	0.32 J	1.8 U	0.32 U	0.32 U
Alpha-Chlordane	4,200	0.90 U	0.87 U	0.98 U	1.2 U	1.0 U	1.0 U	0.93 U	0.90 U	0.95 U	0.92 U	0.95 U	0.94 U	0.94 U	0.89 U	0.89 U	4.7 J	0.90 U	0.92 U	1.0 U	0.96 U	0.92 U	0.87 U	0.88 U	0.91 U	0.89 U	0.88 U	0.87 U	0.89 U	0.90 U	0.88 U
Beta-BHC	360	0.20 U	0.19 U	0.21 U	0.74 J	0.22 U	0.23 U	0.20 J	0.20 U	0.21 U	0.20 J	0.21 J	0.20 U	0.20 J	0.19 U	0.19 J	1.0 U	0.19 U	0.20 U	0.22 U	0.21 U	0.20 U	0.19 U	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.40 J	0.19 U	0.19 U
Delta-BHC[a]	100,000[a]	0.24 U	1.7 U	0.26 U	3.4	0.45 J	0.44 J	0.25 J	0.24 J	0.25 J	3.2 J	0.25 J	0.25 J	0.25 J	0.24 J	0.24 J	1.2 J	0.24 J	0.24 J	0.26 U	0.25 U	0.24 J	1.7 U	1.8 U	0.24 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U
Dieldrin	200	0.44 U	0.42 U	0.47 U	2.4 U	0.50 U	0.50 U	0.45 J	0.43 U	0.46 U	0.44 UJ	0.46 U	0.46 U	0.45 U	0.43 U	0.43 U	2.3 U	0.43 U	0.45 U	0.48 U	0.46 U	0.44 U	0.42 U	0.43 U	0.44 U	0.43 U	0.42 U	0.42 U	0.43 U	0.43 U	0.43 U
Endosulfan I[c,i]	24,000[i]	0.23 U	0.22 U	0.25 U	0.30 U	0.26 U	0.26 U	0.24 U	0.23 U	0.24 U	1.8 U	0.24 U	0.24 U	0.24 U	0.23 U	0.22 U	1.2 U	0.23 U	0.23 U	0.25 U	0.24 U	0.23 U	0.22 U	0.22 U	0.23 U	0.23 U	0.22 U	0.22 U	0.23 U	0.23 U	0.22 U
Endosulfan II[c,i]	24,000[i]	0.33 U	0.31 U	0.35 U	0.42 U	0.37 U	0.38 U	0.34 U	0.33 U	0.34 U	0.33 U	0.34 U	0.34 U	0.34 U	0.32 U	0.32 U	1.7 U	0.32 U	0.33 U	0.36 U	0.35 U	0.33 U	0.31 U	0.32 U	0.33 U	0.32 U	0.32 U	0.31 U	0.32 U	0.32 U	0.32 U
Endosulfan sulfate[c,i]	24,000[i]	0.34 U	0.32 U	0.37 U	0.44 U	0.39 U	0.39 U	0.35 U	0.34 U	0.35 U	0.34 U	0.36 U	0.35 U	0.35 U	0.33 U	0.33 U	1.8 U	0.34 U	0.35 U	0.37 U	0.36 U	0.34 U	0.32 U	0.33 U	0.34 U	0.33 U	0.33 U	0.32 U	0.33 U	0.34 U	0.33 U
Endrin	11,000	0.25 U	0.24 U	0.27 U	0.32 U	0.29 U	0.29 U	0.26 U	0.25 U	0.26 U	2.2 JN	0.26 U	0.26 U	0.26 U	0.25 U	0.25 U	1.3 U	0.25 U	0.26 U	0.28 U	0.27 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.25 U
Endrin aldehyde	NS	0.46 U	0.44 U	0.50 U	0.60 U	0.53 U	0.54 U	0.48 U	0.46 U	0.49 U	2.6	0.49 U	0.48 U	0.48 U	0.46 U	0.46 U	2.4 U	0.46 U	0.47 U	0.51 U	0.49 U	0.47 U	0.45 U	0.45 U	0.47 U	0.46 U	0.45 U	0.44 U	0.46 U	0.46 U	0.45 U
Endrin ketone	NS	0.45 U	0.43 U	0.48 U	0.58 U	0.51 U	0.52 U	0.46 U	0.45 U	1.9 U	0.45 U	1.9 U	0.47 U	0.46 U	0.44 U	0.44 U	2.3 U	0.44 U	0.46 U	0.49 U	0.48 U	0.45 U	0.43 U	0.44 U	0.45 U	0.44 U	0.43 U	0.43 U	0.44 U	0.44 U	0.44 U
Gamma-BHC (Lindane)	1,300	0.22 U	0.22 U	0.24 U	2.4 U	0.26 U	0.26 U	1.9 U	0.22 U	0.23 U	1.8 U	0.24 U	0.23 U	0.23 U	0.22 U	0.22 U	1.2 U	0.22 U	0.23 U	0.25 U	0.24 U	0.23 U	0.22 U	0.

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-G-016			LT-G-017			LT-G-018			LT-G-019			LT-G-020			LT-G-021			LT-G-022			LT-G-023			LT-G-024			LT-G-025		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	10-12'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-54064-11	480-54064-12	480-54064-13	480-54064-14	480-54064-15	480-54064-16	480-54064-17	480-54064-18	480-54064-19	480-54381-28	480-54381-29	480-54381-30	480-54381-34	480-54381-35	480-54381-36	480-54421-20	480-54421-21	480-54421-22	480-54421-16	480-54421-17	480-54421-18	480-54421-2	480-54421-3	480-54421-4	480-54485-10	480-54485-11	480-54485-12	480-54485-7	480-54485-8	480-54485-9
Sampling Date:	Use	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/6/2014	2/6/2014	2/6/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014	2/7/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.35 U	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 U	0.35 U	0.35 U	12 J	0.34 U	0.34 U	3.4 U	0.33 U	0.33 U	6.9 U	0.37 U	0.35 U	1.8 U	0.37 U	0.36 U	12 J	2.2 U	10 U	440 J	0.34 U	0.34 U	13 J	7.7 U	0.35 U
4,4'-DDE	8,900	0.59 J	0.27 U	0.27 U	0.69 J	0.27 U	0.27 U	0.54 J	0.27 U	0.27 U	6.1 J	0.74 J	0.40 J	2.6 U	0.90 J	0.25 U	9.4 J	0.76 J	0.27 U	1.4 U	0.73 J	0.28 U	16 J	3.4 J	15 J	460	0.78 J	0.88 J	19 J	7.0 J	0.45 J
4,4'-DDT	7,900	1.8 U	1.8 U	0.18 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	0.18 U	14 J	1.7 U	0.63 J	1.8 U	0.51 J	1.7 U	3.6 U	0.19 U	0.74 J	4.1 J	0.20 U	0.19 U	20 J	4.7 J	5.5 U	990	0.18 U	0.18 U	36 J	39 U	0.67 J
Aldrin	97	0.45 U	0.43 U	0.44 U	0.42 U	0.44 U	0.45 U	0.44 U	0.44 U	0.44 U	8.8 U	0.43 U	0.44 U	4.3 U	0.41 U	0.42 U	8.7 U	0.47 U	0.44 U	2.3 U	0.47 U	0.45 U	9.2 U	2.8 U	13 U	46 U	0.43 U	0.43 U	9.9 U	9.7 U	1.4 J
Alpha-BHC	480	0.33 U	0.32 U	0.32 U	0.31 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U	6.4 U	0.31 U	0.32 U	3.1 U	0.30 U	0.30 U	6.4 U	0.34 U	0.32 U	1.7 U	1.9 U	0.33 U	6.7 U	2.1 U	9.6 U	33 U	0.32 U	0.31 U	7.2 U	7.1 U	0.32 U
Alpha-Chlordane	4,200	0.90 U	0.88 U	0.89 U	0.86 U	0.90 U	0.91 U	0.90 U	0.89 U	0.89 U	18 U	0.86 U	0.88 U	8.7 U	0.83 U	0.84 U	18 U	0.95 U	0.89 U	4.7 U	0.95 U	0.92 U	19 U	5.7 U	27 U	92 U	0.88 U	0.86 U	20 U	20 U	0.89 U
Beta-BHC	360	0.20 U	0.19 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.19 U	0.19 U	3.9 U	0.19 U	0.21 J	1.9 U	0.18 U	0.18 U	3.8 U	1.9 U	0.19 U	1.0 U	1.9 U	1.8 U	5.8 J	1.6 J	5.8 U	20 U	1.8 U	1.7 U	4.3 U	4.3 U	1.8 U
Delta-BHC[a]	100,000[a]	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	0.24 U	1.8 U	1.8 U	7.5 JB	1.7 U	1.8 U	3.2 JB	0.22 U	1.7 U	4.7 U	1.9 U	0.24 U	2.5 JB	1.9 U	0.24 U	11 JB	3.1 JB	13 JB	34 JB	1.8 U	1.7 U	5.3 U	7.2 JB	1.8 U
Dieldrin	200	0.43 U	0.42 U	0.43 U	0.41 U	0.43 U	0.44 U	0.43 U	0.43 U	0.43 U	8.6 U	0.42 U	0.42 U	4.2 U	0.40 U	0.41 U	8.5 U	0.46 U	0.43 U	2.3 U	0.46 U	0.44 U	9.0 U	2.8 U	13 U	900 JN	0.42 U	0.52 J	93 U	9.5 U	0.43 U
Endosulfan I[b,i]	24,000[i]	0.23 U	0.22 U	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U	0.22 U	0.23 U	4.5 U	0.22 U	0.22 U	2.2 U	0.21 U	0.21 U	4.4 U	0.24 U	0.22 U	1.2 U	0.24 U	0.23 U	4.7 U	1.4 U	6.7 U	190 U	0.22 U	0.22 U	5.1 U	5.0 U	0.22 U
Endosulfan II[b,i]	24,000[i]	0.33 U	0.32 U	0.32 U	0.31 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U	6.4 U	0.31 U	0.32 U	3.1 U	0.30 U	0.30 U	6.4 U	0.34 U	0.32 U	1.7 U	0.34 U	0.33 U	6.7 U	2.1 U	9.6 U	33 U	0.32 U	0.31 U	7.2 U	7.1 U	0.32 U
Endosulfan sulfate[b,i]	24,000[i]	0.34 U	0.33 U	0.33 U	0.32 U	0.34 U	0.34 U	0.34 U	0.33 U	0.33 U	6.7 U	0.32 U	0.33 U	3.3 U	0.31 U	0.32 U	6.6 U	0.36 U	0.33 U	1.8 U	0.36 U	0.34 U	7.0 U	2.1 U	10 U	35 U	0.33 U	0.32 U	7.5 U	7.4 U	0.33 U
Endrin	11,000	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U	0.25 U	0.25 U	0.27 J	0.25 U	4.9 U	0.24 U	0.24 U	2.4 U	0.23 U	0.23 U	4.9 U	0.45 J	0.25 U	1.3 U	0.26 U	0.25 U	5.2 U	1.6 U	7.4 U	26 U	0.24 U	0.24 U	5.5 U	5.4 U	0.25 U
Endrin aldehyde	NS	0.46 U	0.45 U	0.45 U	0.44 U	0.46 U	0.47 U	0.46 U	0.46 U	0.46 U	9.1 U	0.44 U	0.45 U	4.5 U	0.43 U	0.43 U	9.0 U	0.49 U	0.46 U	2.4 U	0.49 U	0.47 U	9.6 U	2.9 U	14 U	190 U	0.45 U	0.44 U	10 U	10 U	0.46 U
Endrin ketone	NS	0.45 U	0.43 U	0.44 U	0.42 U	0.44 U	0.45 U	0.44 U	0.44 U	0.44 U	8.8 U	0.43 U	0.44 U	4.3 U	0.41 U	0.42 U	8.7 U	0.47 U	0.44 U	2.3 U	0.47 U	0.45 U	9.2 U	2.8 U	13 U	46 U	0.45 J	0.43 U	9.9 U	9.7 U	0.44 U
Gamma-BHC (Lindane)	1,300	0.64 J	0.22 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	4.5 J	0.21 U	0.24 J	2.2 U	0.39 J	0.21 U	4.4 U	0.42 J	0.22 U	1.2 U	0.24 U	0.23 U	4.6 U	3.6 J	6.6 U	23 U	0.22 U	0.21 U	8.1 JB	5.2 JB	0.22 U
Gamma-Chlordane	NS	0.58 U	0.56 U	0.57 U	0.55 U	0.57 U	0.58 U	0.57 U	0.57 U	0.57 U	11 U	0.55 U	0.56 U	5.5 U	0.53 U	0.54 U	11 U	0.61 U	0.57 U	3.0 U	0.61 U	0.58 U	13 J	3.6 U	17 U	580 JN	1.0 J	0.97 J	24 J	13 U	0.76 J
Heptachlor	2,100	0.28 U	0.28 U	0.28 U	0.27 U	0.28 U	0.29 U	0.28 U	0.28 U	0.28 U	5.6 U	0.27 U	0.28 U	2.7 U	0.26 U	0.26 U	5.5 U	0.30 U	0.28 U	1.5 U	0.30 U	0.29 U	5.9 U	1.8 U	8.4 U	29 U	0.28 U	0.27 U	6.3 U	6.2 U	0.28 U
Heptachlor epoxide	NS	0.47 U	0.46 U	0.46 U	0.45 U	0.47 U	0.47 U	0.47 U	0.46 U	0.46 U	9.2 U	0.45 U	0.46 U	4.5 U	0.43 U	0.44 U	9.1 U	0.49 U	0.46 U	2.4 U	0.49 U	0.47 U	9.7 U	3.0 U	14 U	570 JN	1.1 J	1.1 J	10 U	10 U	0.46 U
Methoxychlor	NS	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	4.9 U	0.24 U	0.24 U	2.4 U	0.23 U	0.23 U	4.9 U	0.26 U	0.25 U	1.3 U	0.26 U	0.25 U	8.9 J	4.3 J	7.4 U	190 U	1.8 U	1.7 U	5.5 U	5.4 U	1.8 U
Toxaphene	NS	11 U	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	210 U	10 U	10 U	100 U	9.8 U	9.8 U	210 U	11 U	10 U	55 U	11 U	11 U	220 U	67 U	310 U	1,100 U	10 U	10 U	230 U	230 U	10 U

Client Sample ID:	NYSDEC (1)	LT-G-026			LT-G-027			LT-G-028			LT-G-029			LT-G-030			LT-G-031			LT-G-032			LT-G-033			LT-G-034			LT-G-035		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	480-55157-18	480-55157-19	480-55157-20	480-55157-21	480-55157-22	480-55157-23	480-55212-4	480-55212-5	480-55212-6	480-55212-7	480-55212-8	480-55212-9	480-55212-12	480-55212-13	480-55212-14	480-55212-15	480-55212-16	480-55212-17	480-55212-18	480-55212-19	480-55212-20	480-55212-21	480-55212-22	480-55212-23	480-55212-24	480-55212-25	480-55212-26	480-55212-27	480-55212-28	480-55212-29
Sampling Date:	Use	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014	2/24/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	7.9 U	0.36 U	0.37 U	0.38 U	3.5 U	2.1 U	0.37 U	0.35 U	0.35 U	0.62 J	0.48 J	0.34 U	0.35 U	0.34 U	0.36 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.35 U	3.4 U	0.34 U	0.36 U	0.36 U	0.35 U	0.34 U
4,4'-DDE	8,900	6.1 U	0.28 U	0.28 U	0.92 J	6.4 J	1.6 U	0.65 J	0.27 U	0.27 U	1.7 J	0.64 J	0.26 U	1.8 U	0.49 J	0.28 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.26 U	0.27 U	0.27 U	0.27 U	2.7 U	0.27 U	0.28 U	0.28 U	0.27 U	0.27 U
4,4'-DDT	7,900	4.1 U	0.19 U	0.19 U	0.67 J	1.9 U	1.1 U	0.19 U	0.18 U	0.18 U	1.4 J	1.6 J	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.77 J	0.19 U	0.18 U	0.18 U	1.8 U	0.18 U	0.19 U	0.69 J	0.18 U	0.18 U
Aldrin	97	9.9 U	0.45 U	0.46 U	0.48 U	4.5 U	2.7 U	0.47 U	0.44 U	0.45 U	0.44 U	0.47 U	0.43 U	0.44 UJ	0.44 U	0.46 U	0.44 U	0.45 U	0.45 U	0.44 U	0.44 U	0.43 U	0.45 U	0.44 U	0.44 U	4.4 U	0.44 U	0.45 U	0.46 U	0.44 U	0.43 U
Alpha-BHC	480	7.3 U	0.33 U	0.34 U	0.35 U	3.3 U	1.9 U	0.34 U	0.32 U	0.33 U	0.42 J	0.34 U	0.31 U	0.32 UJ	0.32 U	0.34 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	3.2 U	0.32 U	0.4 J	0.33 U	0.32 U	0.32 U
Alpha-Chlordane	4,200	20 U	0.92 U	0.94 U	0.97 U	9.1 U	5.4 U	0.95 U	0.89 U	0.9 U	0.9 U	0.95 U	0.87 U	0.9 U	0.88 U	0.93 U	0.9 U	0.91 U	0.9 U	0.89 U	0.89 U	0.87 U	0.91 U	0.89 U	0.89 U	8.8 U	0.88 U	0.91 U	0.92 U	0.89 U	0.88 U
Beta-BHC	360	4.4 U	0.2 U	0.2 U	0.21 U	2 U	1.2 U	0.21 U	0.19 U	0.2 U	0.42 J	0.44 J	0.19 U	0.19 UJ	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U	0.37 J	0.19 U	0.25 J	0.2 U	0.19 U	0.19 U	1.9 U	2.1	0.2 U	0.2 U	0.19 U	0.19 U
Delta-BHC[a]	100,000[a]	5.3 U	0.24 U	0.25 U	0.26 U	2.4 U	1.4 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U	0.23 U	0.24 UJ	0.23 U	0.25 U	0.24 U	0.47 J	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	0.24 U	0.24 U	2.3 U	0.23 U	0.24 U	0.47 J	0.51 J	0.23 U
Dieldrin	200	9.7 U	0.44 U	0.45 U	0.47 U	4.4 U	2.6 U	0.46 U	0.43 U	0.43 U	0.48 J	0.58 J	0.42 U	0.43 U	0.43 U	0.45 U	0.43 U	0.44 U	0.44 U	0.43 U	0.43 U	0.42 U	0.44 U	0.43 U	0.43 U	4.3 U	0.43 U	0.44 U	0.44 U	0.43 U	0.42 U
Endosulfan I[b,i]	24,000[i]	5.1 U	0.23 U	0.24 U	0.24 U	2.3 U	1.4 U	0.24 U	0.23 U	0.23 U	0.42 J	0.24 U	0.22 U	0.23 U	0.22 U	0.24 U	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.23 U	0.23 U	0.23 U	2.2 U	0.22 U	0.23 U	0.23 U	0.23 U	0.22 U
Endosulfan II[b,i]	24,000[i]	7.3 U	0.33 U	0.34 U	0.35 U	3.3 U	1.9 U	0.34 U	0.32 U	0.33 U	0.33 U	0.34 U	0.31 U	0.32 U	0.32 U	0.34 U	0.33 U	0.33 U	0.33 U	0.32 U	0.32 U	0.32 U	0.33 U	0.32 U	0.32 U	3.2 U	0.32 U	0.33 U	0.33 U	0.32 U	0.32 U
Endosulfan sulfate[b,i]	24,000[i]	7.5 U	0.34 U	0.35 U	0.36 U	3.4 U	2 U	0.36 U	0.33 U	0.34 U	0.34 U	0.35 U	0.33 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.33 U	0.33 U	3.3 U	0.33 U	0.34 U	0.35 U	0.33 U	0.33 U
Endrin	11,000	5.6 U	0.25 U	0.26 U	0.27 U	2.5 U	1.5 U	0.26 U	0.25 U	0.25 U	0.25 U	0.26 U	0.24 U	0.25 U	0.24 U	0.26 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.24 U	0.25 U	0.25 U	0.25 U	2.4 U	0.24 U	0.25 U	0.26 U	0.25 U	0.24 U
Endrin aldehyde	NS	10 U	0.47 U	0.48 U	0.5 U	4.6 U	2.8 U	0.49 U	0.46 U	0.46 U	0.46 U	0.49 U	0.45 U	0.46 U	0.45 U	0.48 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.45 U	0.46 U	0.46 U	0.46 U	4.5 U	0.45 U	0.47 U	0.47 U	0.46 U	0.45 U
Endrin ketone	NS	9.9 U	0.45 U	0.46 U	0.48 U	4.5 U	2.7 U	0.47 U	0.44 U	0.45 U	0.44 U	0.47 U	0.43 U	0.44 U	0.44 U	0.46 U	0.44 U	0.45 U	0.45 U	0.44 U	0.44 U	0.43 U	0.45 U	0.44 U	0.44 U	4.4 U	0.44 U	0.45 U	0.46 U	0.44 U	0.43 U
Gamma-BHC (Lindane)	1,300	5 U	0.23 U	0.23 U	0.72 J	2.2 U	1.3 U	0.24 U	0.22 U	0.22 U	0.22 U	0.24 U	0.22 U	0.22 UJ	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	2.2 U	0.22 U	0.23 U	0.23 U	0.22 U	0.22 U
Gamma-Chlordane	NS	13 U	0.59 U	0.6 U	1.9 U	5.8 U	3.4 U	0.61 U	0.57 U	0.58 U	0.57 U	0.6 U	0.55 U	0.57 U	0.56 U	0.59 U	0.58 U	0.58 U	0.58 U	0.57 U	0.57 U	0.56 U	0.58 U	0.57 U	0.57 U	5.6 U	0.56 U	0.58 U	0.59 U	0.57 U	0.56 U
Heptachlor	2,100	6.3 U	0.29 U	0.3 U	0.3 U	2.8 U	1.7 U	0.3 U	0.28 U	0.28 U	0.28 U	0.3 U	0.27 U	0.28 UJ	0.28 U	0.29 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	2.8 U	0.28 U	0.29 U	0.29 U	0.28 U	0.28 U
Heptachlor epoxide	NS	10 U	0.48 U	0.49 U	0.5 U	4.7 U	2.8 U	0.49 U	0.46 U	0.47 U	0.47 U	0.49 U	0.45 U	0.47 UJ	0.46 U	0.48 U	0.47 U	0.47 U	0.47 U	0.46 U	0.46 U	0.45 U	0.47 U	0.46 U	0.46 U	4.6 U	0.46 U	0.47 U	0.48 U	0.46 U	0.46 U
Methoxychlor	NS	5.6 U	0.25 U	0.26 U	1 J	2.5 U	1.5 U	0.26 U	0.25 U	0.55 J	0.25 U	0.26 U	0.24 U	0.25 U	0.24 U	0.64 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.46 J	0.94 J	0.25 U	0.25 U	2.4 U	0.24 U	0.25 U	0.26 U	0.25 U	0.24 U
Toxaphene	NS	240 U	11 U	11 U	11 U	110 UJ	63 U	11 U	10 U	11 U	11 U	11 U	10 U	11 UJ	10 U	11 U	11 U	11 U	11 U	10 U	10 U	10 U	11 U	10 U	10 U	100 U	10 U	11 U	11 U	10 U	10 U

Client Sample ID:	NYSDEC (1)	LT-G-036			LT-G-037			LT-GI-001			LT-GI-002			LT-GI-003			LT-GI-004			LT-GI-005			LT-T-001			LT-T-002			LT-T-003		
Sample Depth:	Soil Cleanup Objectives	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'		0-2'	2-4'		0-2'			0-2'			0-2'	2-4'		0-2'	8-10'	10-12'	0-2'	2-4'	12-14'	0-2'	6-8'	10-12'
Laboratory ID:	Restricted-Residential	480-55280-4	480-55280-5	480-55280-6	480-55280-7	480-55280-8	480-55280-9	480-54120-1	480-54120-2		480-54120-3	480-54120-4		480-54634-6			480-54634-7			480-54634-8	480-54634-9		480-55387-1	480-55387-2	480-55387-3	480-55387-4	480-55387-5	480-55387-6	480-55387-10	480-55387-11	480-55387-12
Sampling Date:	Use	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	1/30/2014	1/30/2014		1/30/2014	1/30/2014		2/10/2014			2/10/2014			2/10/2014	2/10/2014		2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Organochlorine Pesticides (µg/kg)																															
4,4'-DDD	13,000	0.62 J	0.57 J	0.34 U	0.52 J	0.35 U	0.35 U	1.7 U	7.5 U		18 J	23 J		21 U			19 U			0.36 U	0.36 U		1.8 U	0.73 UJ	4.3 U	18 U	19 J	0.41 U	19 J	18 U	8 U
4,4'-DDE	8,900	1.4 J	0.88 J	0.26 U	0.81 J	0.27 U	0.27 U	8.9 U	5.8 U		13 U	15 JB		21 U			15 U			0.27 U	0.28 U		3.7 J	1.7 J	3.3 U	27 J	33 J	0.69 J	50 JN	14 UJ	6.2 U
4,4'-DDT	7,900	2	0.19 U	0.68 J	0.85 J	0.18 U	0.18 U	8.9 U	39 U		8.9 U	9.1 U		21 U			10 U			0.19 U	0.19 U		0.96 U	3.8 UJ	2.3 U	51 J B	40 J B	0.83 J	38 J B	9.3 U	4.2 U
Aldrin	97	1 J	0.45 U	0.43 U	0.44 U	0.44 U	0.45 U	2.2 U	9.5 U		22 U	22 U		5.1 U			24 U			0.45 U	0.46 U		2.3 U	0.93 UJ	5.5 U	23 U	23 U	0.51 UJ	22 U	22 U	10 U
Alpha-BHC	480	0.43 J	0.33 U	0.31 U	0.42 J	0.32 U	0.33 U	1.6 U	7.0 U		16 U	16 U		3.8 U			18 U			0.33 U	0.34 U		1.7 U	0.68 UJ	4 U	17 U	16 U	0.38 U	16 U	16 U	7.4 U
Alpha-Chlordane	4,200	0.88 U	0.92 U	0.87 U	0.88 U	0.89 U	0.9 U	4.4 U	19 U		44 U	44 U		10 U			49 U			0.91 U	0.93 U		4.7 U	1.9 UJ	11 U	47 U	46 U	1 U	44 U	45 UJ	20 U
Beta-BHC	360	0.89 J	0.9 J	0.19 U	0.41 J	0.19 U	0.2 U	0.96 U	4.2 U		9.5 U	9.6 U		2.3 U			11 U			0.20 U	0.20 U		1 U	0.41 UJ	2.4 U	10 U	9.9 U	0.23 U	9.5 U	9.8 U	4.4 U
Delta-BHC[a]	100,000[a]	0.23 U	0.24 U	0.23 U	0.57 J	0.24 U	0.24 U	8.9 U	39 U		14 JB	14 JB		2.8 U			13 U			0.24 U	0.25 U		1.2 U	3.8 UJ	2.9 U	12 U	23 J B	2.1 U	12 U	12 U	5.4 U
Dieldrin	200	0.91 J	0.44 U	0.42 U	0.42 U	0.43 U	0.44 U	2.4 J	9.3 U		21 U	21 U		5.0 U			23 U			0.44 U	0.45 U		6.2 JN	0.91 UJ	5.3 U	23 U	22 U	0.5 UJ	21 U	22 U	9.9 U
Endosulfan I[b,i]	24,000[i]	0.22 U	0.23 U	0.22 UJ	0.22 U	0.23 U	0.23 U	1.1 U	4.9 U		11 U	11 U		2.6 U			12 U			0.23 U	0.24 U		1.2 U	0.48 UJ	2.8 U	12 U	12 U	0.26 UJ	11 U	11 U	5.2 U
Endosulfan II[b,i]	24,000[i]	0.32 U	0.33 U	0.31 U	0.32 U	0.32 U	0.33 U	1.6 U	7.0 U		16 U	16 U		3.8 U			18 U			0.46 J	0.45 J		1.7 U	0.68 UJ	4 U	17 U	16 U	0.38 UJ	16 U	16 U	7.4 U
Endosulfan sulfate[b,i]	24,000[i]	0.33 U	0.34 U	0.33 U	0.33 U	0.33 U	0.34 U	1.7 U	7.2 U		16 U	17 U		3.9 U			18 U			0.34 U	0.35 U		1.8 U	0.7 UJ	4.1 U	18 U	17 U	0.39 UJ	16 U	17 U	7.7 U
Endrin	11,000	0.24 U	0.53 J	0.24 U	0.24 U	0.25 U	0.25 U	1.2 U	41 JN		12 U	12 U		2.9 U			13 U			0.25 U	0.26 U		1.3 U	0.52 UJ	3.1 U	13 U	13 U	0.29 UJ	12 U	13 U	5.7 U
Endrin aldehyde	NS	0.45 U	0.47 U	0.45 U	0.45 U	0.46 U	0.46 U	2.3 U	9.9 U		22 U	23 U		5.3 U			25 U			0.47 U	0.48 U		2.4 U	0.96 UJ	5.7 U	24 U	23 U	0.53 U	22 U	23 U	11 U
Endrin ketone	NS	0.43 U	0.45 U	0.43 U	0.44 U	0.44 U	0.45 U	2.2 U	9.5 U		22 U	22 U		5.1 U			24 U			0.45 U	0.46 U		2.3 U	1.3 J	5.5 U	23 U	23 U	0.51 U	22 U	22 U	10 U
Gamma-BHC (Lindane)	1,300	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U	4.8 U		18 J	15 J		2.6 U			12 U			0.23 U	0.23 U		1.2 U	1.1 J	2.7 U	12 U	11 U	0.26 U	11 U	11 U	5.1 U
Gamma-Chlordane	NS	0.61 J	0.59 U	0.56 U	0.56 U	0.57 U	0.58 U	4.7 J	12 U		28 U	28 U		6.6 U			31 U			0.58 U	0.60 U		5.3 J	1.2 UJ	7 U	56 J	30 J	0.66 U	28 J	29 UJ	13 U
Heptachlor	2,100	1.8	0.29 U	0.27 U	0.28 U	0.28 U	0.28 U	1.4 U	6.1 U		14 U	14 U		3.3 U			15 U			0.29 U	0.29 U		1.5 U	0.59 UJ	3.5 U	15 U	14 U	0.33 UJ	14 U	14 U	6.4 U
Heptachlor epoxide	NS	0.45 U	0.48 U	0.45 U	0.46 U	0.46 U	0.47 U	2.3 U	10 U		23 U	23 U		5.4 U			25 U			0.47 U	0.48 U		2.4 U	0.97 UJ	5.7 U	24 U	24 U	0.54 U	23 U	23 U	11 U
Methoxychlor	NS	0.24 U	0.75 J	0.24 U	0.46 J	0.25 U	0.25 U	1.2 U	5.3 U		12 U	12 U		2.9 U			13 U			0.25 U	0.26 U		2.5 J	1.8 J	3.1 U	13 U	13 U	0.64 J	12 U	13 U	5.7 U
Toxaphene	NS	10 U	11 U	10 UJ	10 U	10 U	11 U	52 U	230 U		510 U	520 U		120 U			570 U			14 J	11 U		55 U	22 UJ	130 U	550 U	530 U	12 UJ	510 UJ	530 UJ	240 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.
c - The SCOs for industrial use and prot

Table 5
Soil Sample Analytical Data Summary
Pesticides
EPA Method 8081

LiTungsten Site

Client Sample ID:	NYSDEC (1)	LT-T-004			LT-T-005			LT-T-006			LT-T-007			LT-T-008			LT-T-009			LT-T-010			LT-T-011			LT-T-012		
Sample Depth:	Soil Cleanup Objectives	0-2'	4-6'	10-12'	0-2'	4-6'	16-19'	0-2'	4-6'	12-14'	0-2'	6-8'	14-16'	0-2'	6-8'	14-16'	0-2'	4-6'	12-14'	0-2'	2-4'	7-8.5'	0-2'	2-4'	6.5-8'	0-2'	2-4'	4-6'
Laboratory ID:	Restricted-Residential	480-55387-7	480-55387-8	480-55387-9	480-55387-16	480-55387-17	480-55387-18	480-55387-19	480-55387-20	480-55387-21	480-55387-13	480-55387-14	480-55387-15	480-55387-22	480-55387-23	480-55387-24	480-55387-37	480-55387-28	480-55387-39	480-55387-31	480-55387-32	480-55387-33	480-55387-34	480-55387-35	480-55387-36	480-55387-27	480-55387-28	480-55387-29
Sampling Date:	Use	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014	2/28/2014
Organochlorine Pesticides (µg/kg)																												
4,4'-DDD	13,000	18 U	7.8 U	8 U	27 J	23 J	8.9 J	21 U	19 U	21 U	17 U	19 U	26 U	17 U	9.6 J	25 U	17 UJ	18 U	0.37 U	17 U	18 U	0.35 U	18 U	27 J	0.37 U	18 UJ	0.68 J	3.8 UJ
4,4'-DDE	8,900	26 J	6 U	6.2 U	23 J	31 J	6.9 U	17 U	24 J	16 U	13 U	14 U	20 U	24 J	11 J	19 U	14 U	14 U	0.29 U	26 J	23 J	0.5 J	25 J	35 J	1.1 J	14 U	0.29 U	2.9 U
4,4'-DDT	7,900	54 J B	14 J B	14 J B	44 J B	32 J B	15 J B	36 J B	38 J	11 U	31 J B	32 J B	44 J B	55 J	3.9 U	13 U	38 J	35 J	0.74 J	51 J	9.2 U	0.72 J	39 J	62 J	0.77 J	36 J	0.82 J	2 U
Aldrin	97	23 U	9.9 U	10 U	24 U	22 U	11 U	27 U	24 U	26 U	22 U	24 U	33 U	22 U	9.4 U	32 U	22 UJ	23 U	0.47 U	21 U	22 U	0.45 U	23 U	22 UJ	0.47 U	23 UJ	0.48 UJ	4.8 UJ
Alpha-BHC	480	17 U	7.2 U	7.4 U	18 U	16 U	8.3 U	20 U	17 U	19 U	16 U	17 U	24 U	16 U	6.8 U	23 U	16 UJ	17 U	0.35 U	16 U	16 U	0.33 U	17 U	16 UJ	0.34 U	17 UJ	0.49 J	3.5 UJ
Alpha-Chlordane	4,200	47 U	20 U	20 U	49 U	44 U	23 U	55 U	48 U	53 U	44 U	48 U	67 U	44 U	19 U	65 U	45 UJ	46 U	0.96 U	280	45 U	0.9 U	47 U	45 UJ	0.95 U	46 U	0.96 U	9.6 UJ
Beta-BHC	360	10 U	4.3 U	4.4 U	11 U	9.6 U	5 U	12 U	10 U	11 U	9.5 U	10 U	14 U	9.6 U	4.1 U	14 U	9.7 U	9.9 U	0.21 U	9.3 U	9.8 U	0.2 U	10 U	9.8 U	0.21 U	10 U	0.21 U	2.1 U
Delta-BHC[a]	100,000[a]	24 J B	5.3 U	9.3 J B	21 J B	19 J B	6.1 U	15 U	13 U	14 U	12 U	13 U	18 U	12 U	5 U	17 U	12 U	12 U	0.25 U	11 U	12 U	0.24 U	12 U	12 U	0.55 J	12 U	0.5 J	2.6 U
Dieldrin	200	33 J	9.7 U	9.9 U	43 J	21 U	11 U	26 U	23 U	25 U	21 U	23 U	32 U	32 J	9.1 U	31 U	22 UJ	22 U	0.46 U	23 J	22 U	0.44 U	23 U	22 UJ	0.46 U	22 UJ	0.46 UJ	4.6 UJ
Endosulfan I[b,i]	24,000[i]	12 U	5.1 U	5.2 U	12 U	11 U	5.8 U	14 U	12 U	13 U	11 U	12 U	17 U	11 U	4.8 UJ	16 U	11 UJ	12 U	0.24 U	11 U	11 U	0.23 U	12 U	11 UJ	0.24 U	12 UJ	0.24 UJ	2.4 UJ
Endosulfan II[b,i]	24,000[i]	17 U	7.2 U	7.4 U	18 U	16 U	8.3 U	20 U	17 U	19 U	16 U	17 U	24 U	16 U	6.8 U	23 U	16 UJ	17 U	0.35 U	16 U	16 U	0.33 U	17 U	16 UJ	0.34 U	17 UJ	0.35 UJ	3.5 UJ
Endosulfan sulfate[b,i]	24,000[i]	18 U	7.5 U	7.7 U	18 U	17 U	8.6 U	21 U	18 U	20 U	16 U	18 U	25 U	17 U	7.1 U	24 U	17 UJ	17 U	0.36 U	16 U	17 U	0.34 U	18 U	20 J	0.36 U	17 UJ	0.36 UJ	3.6 UJ
Endrin	11,000	13 U	5.6 U	5.7 U	13 U	12 U	6.3 U	15 U	13 U	15 U	12 U	13 U	18 U	12 U	5.3 U	18 U	12 U	13 U	0.26 U	22 J	12 U	0.25 U	13 U	12 U	0.52 J	13 U	0.27 UJ	2.7 U
Endrin aldehyde	NS	24 U	10 U	10 U	25 U	23 U	12 U	28 U	24 U	27 U	23 U	24 U	34 U	23 U	9.7 U	33 U	23 UJ	23 U	0.49 U	22 U	23 U	0.46 U	24 U	23 UJ	0.49 U	24 UJ	0.5 U	4.9 UJ
Endrin ketone	NS	23 U	9.9 U	10 U	24 U	22 U	11 U	27 U	24 U	26 U	22 U	24 U	33 U	22 U	9.4 UJ	32 U	22 UJ	23 U	0.47 U	21 U	22 U	0.45 U	23 U	22 UJ	0.47 U	23 UJ	0.48 U	4.8 UJ
Gamma-BHC (Lindane)	1,300	12 U	5 U	5.1 U	12 U	11 U	5.7 U	14 U	12 U	13 U	11 U	12 U	17 U	11 U	4.7 U	16 U	11 UJ	11 U	0.24 U	11 U	11 U	0.22 U	12 U	11 UJ	0.24 U	12 UJ	0.24 U	2.4 UJ
Gamma-Chlordane	NS	30 J	13 U	13 U	44 J	28 U	15 U	35 U	30 U	34 U	28 U	30 U	42 U	28 J	12 U	41 U	29 UJ	29 U	0.61 U	350	29 U	0.58 U	30 U	29 J	0.61 U	30 UJ	0.62 U	6.1 UJ
Heptachlor	2,100	15 U	6.3 U	6.4 U	15 U	14 U	7.2 U	17 U	15 U	17 U	14 U	15 U	21 U	14 U	6 U	20 U	14 UJ	14 U	0.3 U	14 U	14 U	0.28 U	15 U	14 UJ	0.3 U	15 UJ	0.3 UJ	3 UJ
Heptachlor epoxide	NS	24 U	10 U	11 U	25 U	23 U	12 U	28 U	25 U	27 U	23 U	25 U	34 U	23 U	9.8 U	33 U	23 UJ	24 U	0.5 U	22 U	23 U	0.47 U	24 U	23 UJ	0.49 U	24 UJ	0.5 U	5 UJ
Methoxychlor	NS	65 JN	5.6 U	5.7 U	26 J	26 J	6.3 U	15 U	13 U	15 U	12 U	13 U	18 U	12 U	5.3 U	18 U	12 U	13 U	0.26 U	12 U	12 U	0.25 U	13 U	12 U	0.47 J	13 U	1.3 JN	2.7 U
Toxaphene	NS	550 UJ	230 UJ	240 U	570 U	520 U	270 U	640 U	560 U	620 U	510 U	560 U	780 U	520 U	220 UJ	750 U	520 UJ	530 U	11 U	500 U	530 U	11 U	550 U	530 UJ	11 U	540 UJ	11 UJ	110 UJ
Client Sample ID:	NYSDEC (1)																											
Sample Depth:	Soil Cleanup Objectives																											
Laboratory ID:	Restricted-Residential																											
Sampling Date:	Use																											
Organochlorine Pesticides (µg/kg)																												
4,4'-DDD	13,000																											
4,4'-DDE	8,900																											
4,4'-DDT	7,900																											
Aldrin	97																											
Alpha-BHC	480																											
Alpha-Chlordane	4,200																											
Beta-BHC	360																											
Delta-BHC[a]	100,000[a]																											
Dieldrin	200																											
Endosulfan I[b,i]	24,000[i]																											
Endosulfan II[b,i]	24,000[i]																											
Endosulfan sulfate[b,i]	24,000[i]																											
Endrin	11,000																											
Endrin aldehyde	NS																											
Endrin ketone	NS																											
Gamma-BHC (Lindane)	1,300																											
Gamma-Chlordane	NS																											
Heptachlor	2,100																											
Heptachlor epoxide	NS																											
Methoxychlor	NS																											
Toxaphene	NS																											
Client Sample ID:	NYSDEC (1)																											
Sample Depth:	Soil Cleanup Objectives																											
Laboratory ID:	Restricted-Residential																											
Sampling Date:	Use																											
Organochlorine Pesticides (µg/kg)																												
4,4'-DDD	13,000																											
4,4'-DDE	8,900																											
4,4'-DDT	7,900																											
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Alpha-Chlordane	4,200																											
Beta-BHC	360																											
Delta-BHC[a]	100,000[a]																											
Dieldrin	200																											
Endosulfan I[b,i]	24,000[i]																											
Endosulfan II[b,i]	24,000[i]																											
Endosulfan sulfate[b,i]	24,000[i]																											
Endrin	11,000																											
Endrin aldehyde	NS																											
Endrin ketone	NS																											
Gamma-BHC (Lindane)	1,300																											
Gamma-Chlordane	NS																											
Heptachlor	2,100																											
Heptachlor epoxide	NS																											
Methoxychlor	NS																											
Toxaphene	NS																											

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.
c - The SCOs for industrial use and protection of groundwater were capped at a maximum value of 1,000 ppm. See TSD section 9.3.
i - This SCO is for the sum of Endosulfan I, endosulfan II, and endosulfan sulfate.
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.
U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.
Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 6
Soil Sample Analytical Data Summary
PCBS
EPA Method 8082

LiTungsten Site

Client Sample ID:	NYSDEC (1)	NYSDEC (1)	LT-XC-001			LT-XC-002			LT-XC-003			LT-XC-004			LT-XC-005			LT-XC-006			LT-XC-007			LT-XC-008			LT-XC-009			LT-XC-010		
Sample Depth:	Soil Cleanup Objectives	Soil Cleanup Objectives	0-2'	2-4'	10-12'	0-2'	2-4'	6-8'	0-2'	2-4'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'
Laboratory ID:	Restricted-Residential	Restricted-Residential	480-53190-1	480-53190-2	480-53190-3	480-53190-4	480-53190-5	480-53190-6	480-53190-8	480-53190-9	480-53190-10	480-53297-4	480-53297-5	480-53297-6	480-53782-8	480-53782-9	480-53872-10	480-53830-1	480-53830-2	480-53830-3	480-53830-4	480-53830-5	480-53830-6	480-53830-7	480-53830-8	480-53830-9	480-53830-10	480-53830-11	480-53830-12	480-53830-14	480-53830-15	480-53830-16
Sampling Date:	Use (Top 2 Feet)	Use (Below Top 2 Feet)	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/13/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/23/2014	1/24/2014	1/24/2014	1/24/2014
Polychlorinated Biphenyls (µg/kg)																																
Aroclor 1016	1,000	10,000	4.3 U	4.1 U	4.8 U	4.3 U	3.9 U	4.9 U	4 U	4.5 U	4.1 U	44 U	44 U	44 U	42 U	49 U	50 U	47 U	41 U	39 U	2,300 U	43 U	60 U	41 U	44 U	53 U	48 U	47 U	42 U	44 U	45 U	37 U
Aroclor 1221	1,000	10,000	4.3 U	4.1 U	4.8 U	4.3 U	3.9 U	4.9 U	4 U	4.5 U	4.1 U	44 U	44 U	44 U	42 U	49 U	50 U	47 U	41 U	39 U	2,300 U	43 U	60 U	41 U	44 U	53 U	48 U	47 U	42 U	44 U	45 U	37 U
Aroclor 1232	1,000	10,000	4.3 U	4.1 U	4.8 U	4.3 U	3.9 U	4.9 U	4 U	4.5 U	4.1 U	44 U	44 U	44 U	42 U	49 U	50 U	47 U	41 U	39 U	2,300 U	43 U	60 U	41 U	44 U	53 U	48 U	47 U	42 U	44 U	45 U	37 U
Aroclor 1242	1,000	10,000	4.3 U	4.1 U	4.8 U	4.3 U	3.9 U	4.9 U	4 U	4.5 U	4.1 U	44 U	44 U	44 U	42 UJ	49 UJ	50 UJ	47 U	41 U	39 U	2,300 U	43 U	60 U	41 U	44 U	53 U	48 U	47 U	42 U	44 U	45 U	37 U
Aroclor 1248	1,000	10,000	4.3 U	4.1 U	20 J	4.3 U	3.9 U	4.9 U	4 U	4.5 U	4.1 U	44 U	44 U	44 U	430 J	480 J	50 UJ	910	41 U	39 U	190,000	290	60 U	140 U	44 U	53 U	1,600 J	47 U	42 U	570	410	37 U
Aroclor 1254	1,000	10,000	10 U	9.8 U	11 U	10 U	9.3 U	12 U	9.6 U	11 U	9.8 U	110 U	110 U	110 U	100 UJ	120 UJ	120 UJ	110 U	99 U	92 U	5,600 U	100 U	140 U	99 U	110 U	130 U	110 U	110 U	100 U	110 U	520	88 U
Aroclor 1260	1,000	10,000	10 U	9.8 U	11 U	10 U	9.3 U	12 U	9.6 U	11 U	9.8 U	110 U	110 U	110 U	100 UJ	120 UJ	120 UJ	230 J	99 U	92 U	5,600 U	100 U	140 U	99 U	110 U	130 U	910 J	110 U	100 U	110 U	200 J	88 U

Client Sample ID:	NYSDEC (1)	NYSDEC (1)	LT-XC-011			LT-XC-012			LT-C-001			LT-C-028			LT-C-029			LT-C-075			LT-C-076			LT-G-001			LT-G-003			LT-G-004		
Sample Depth:	Soil Cleanup Objectives	Soil Cleanup Objectives	0-2'	2-4'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	8-10'	0-2'	2-4'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	4-6'	10-12'	0-2'	4-6'	6-8'	0-2'	2-4'	6-8'
Laboratory ID:	Restricted-Residential	Restricted-Residential	480-53830-17	480-53830-18	480-53830-19	480-53830-20	480-53830-21	480-53830-22	480-53297-1	480-53297-2	480-53297-3	480-53887-1	480-53887-2	480-53887-3	480-53887-4	480-53887-5	480-53887-6	480-55489	480-55489-2	480-55489-3	480-55489-4	480-55489-5	480-55489-6	480-53887-14	480-53887-15	480-53887-16	480-54019-7	480-54019-8	480-54019-9	480-54019-10	480-54019-11	480-54019-12
Sampling Date:	Use (Top 2 Feet)	Use (Below Top 2 Feet)	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/24/2014	1/13/2014	1/13/2014	1/13/2014	1/24/2014	1/24/2014	1/24/2014	1/27/2014	1/27/2014	1/27/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	1/27/2014	1/27/2014	1/27/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014
Polychlorinated Biphenyls (µg/kg)																																
Aroclor 1016	1,000	10,000	50 U	51 U	48 U	42 U	46 U	39 U	41 U	39 U	36 U	40 U	43 U	49 U	42 U	43 U	43 U	0.044 U	0.047 U	0.044 U	0.043 U	0.039 U	0.038 U	44 U	50 U	48 U	38 U	56 U	47 U	52 U	42 U	45 U
Aroclor 1221	1,000	10,000	50 U	51 U	48 U	42 U	46 U	39 U	41 U	39 U	36 U	40 U	43 U	49 U	42 U	43 U	43 U	0.044 U	0.047 U	0.044 U	0.043 U	0.039 U	0.038 U	44 U	50 U	48 U	38 U	56 U	47 U	52 U	42 U	45 U
Aroclor 1232	1,000	10,000	50 U	51 U	48 U	42 U	46 U	39 U	41 U	39 U	36 U	40 U	43 U	49 U	42 U	43 U	43 U	0.044 U	0.047 U	0.044 U	0.043 U	0.039 U	0.038 U	44 U	50 U	48 U	38 U	56 U	47 U	52 U	42 U	45 U
Aroclor 1242	1,000	10,000	50 U	51 U	48 U	42 U	46 U	39 U	41 U	39 U	36 U	40 UJ	43 UJ	49 UJ	42 UJ	43 UJ	43 UJ	0.044 U	0.047 U	0.044 U	0.054 J	0.039 U	0.038 U	44 UJ	50 UJ	48 UJ	38 U	56 U	47 U	52 U	42 U	45 U
Aroclor 1248	1,000	10,000	50 U	51 U	48 U	42 U	46 U	39 U	41 U	39 U	36 U	40 UJ	43 UJ	49 UJ	42 UJ	43 UJ	43 UJ	0.044 U	0.047 U	0.044 U	0.043 U	0.039 U	0.038 U	44 UJ	50 UJ	48 UJ	220	56 U	47 U	97 J	42 U	45 U
Aroclor 1254	1,000	10,000	120 U	120 U	120 U	100 U	110 U	94 U	97 U	94 U	86 U	95 UJ	100 UJ	120 UJ	100 UJ	100 UJ	100 UJ	0.11 U	0.11 U	0.11 U	0.1 U	0.093 U	0.09 U	110 UJ	120 UJ	120 UJ	91 U	130 U	110 U	130 U	100 U	110 U
Aroclor 1260	1,000	10,000	120 U	120 U	120 U	100 U	110 U	94 U	97 U	94 U	86 U	95 UJ	100 UJ	120 UJ	100 UJ	100 UJ	100 UJ	0.11 U	0.11 U	0.11 U	0.1 U	0.093 U	0.09 U	110 UJ	120 UJ	120 UJ	91 U	130 U	110 U	130 U	100 U	110 U

Client Sample ID:	NYSDEC (1)	NYSDEC (1)	LT-G-005			LT-G-006			LT-G-007			LT-G-008			LT-G-009			LT-G-010			LT-G-013			LT-G-014			LT-G-015			LT-G-016		
Sample Depth:	Soil Cleanup Objectives	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	4-6'	8-10'	0-2'	4-6'	6-8'	0-2'	2-4'	8-10'	0-2'	2-4'	6-8'	0-2'	2-4'	10-12'	0-2'	2-4'	10-12'
Laboratory ID:	Restricted-Residential	Restricted-Residential	480-54124-2	480-54124-3	480-54124-4	480-54003-1	480-54003-2	480-54003-3	480-54003-5	480-54003-6	480-54003-7	480-54003-11	480-54003-12	480-54003-13	480-54003-14	480-54003-15	480-54003-16	480-54003-17	480-54003-18	480-54003-19	480-54064-1	480-54064-2	480-54064-3	480-54064-4	480-54064-5	480-54064-6	480-54064-8	480-54064-9	480-54064-10	480-54064-11	480-54064-12	480-54064-13
Sampling Date:	Use (Top 2 Feet)	Use (Below Top 2 Feet)	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2017	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/28/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/29/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014
Polychlorinated Biphenyls (µg/kg)																																
Aroclor 1016	1,000	10,000	53 U	53 U	44 U	48 U	41 U	56 U	92 U	54 U	45 U	42 U	42 U	52 U	46 U	50 U	46 U	54 U	46 U	46 U	37 U	36 U	46 U	41 U	40 U	43 U	40 U	37 U	52 U	42 U	39 U	44 U
Aroclor 1221	1,000	10,000	53 U	53 U	44 U	48 U	41 U	56 U	92 U	54 U	45 U	42 U	42 U	52 U	46 U	50 U	46 U	54 U	46 U	46 U	37 U	36 U	46 U	41 U	40 U	43 U	40 U	37 U	52 U	42 U	39 U	44 U
Aroclor 1232	1,000	10,000	53 U	53 U	44 U	48 U	41 U	56 U	92 U	54 U	45 U	42 U	42 U	52 U	46 U	50 U	46 U	54 U	46 U	46 U	37 U	36 U	46 U	41 U	40 U	43 U	40 U	37 U	52 U	42 U	39 U	44 U
Aroclor 1242	1,000	10,000	53 U	53 U	44 U	48 U	41 U	56 U	92 U	54 U	45 U	42 U	42 U	52 U	46 U	50 U	46 U	54 U	46 U	46 U	37 U	36 U	46 U	41 U	40 U	43 U	40 U	37 U	52 U	42 U	39 U	44 U
Aroclor 1248	1,000	10,000	1,600	53 U	44 U	48 U	41 U	56 U	4,800	54 U	45 U	65 J	42 U	52 U	46 U	50 U	46 U	54 U	46 U	46 U	37 U	36 U	46 U	41 U	40 U	43 U	40 U	37 U	52 U	42 U	39 U	44 U
Aroclor 1254	1,000	10,000	130 U	130 U	110 U	120 U	98 U	130 U	220 U	130 U	110 U	100 U	100 U	120 U	110 U	120 U	110 U	130 U	110 U	110 U	88 U	86 U	110 U	99 U	96 U	100 U	96 U	89 U	120 U	100 U	95 U	110 U
Aroclor 1260	1,000	10,000	130 U	130 U	110 U	120 U	98 U	130 U	1,800	130 U	110 U	100 U	100 U	120 U	110 U	120 U	110 U	130 U	110 U	110 U	88 U	86 U	110 U	99 U	96 U	100 U	96 U	89 U	120 U	100 U	95 U	110 U

Client Sample ID:	NYSDEC (1)	NYSDEC (1)	LT-G-017			LT-G-018		
Sample Depth:	Soil Cleanup Objectives	Soil Cleanup Objectives	0-2'	4-6'	6-8'	0-2'	4-6'	6-8'
Laboratory ID:	Restricted-Residential	Restricted-Residential	480-54064-14	480-54064-15	480-54064-16	480-54064-17	480-54064-18	480-54064-19
Sampling Date:	Use (Top 2 Feet)	Use (Below Top 2 Feet)	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014	1/30/2014
Polychlorinated Biphenyls (µg/kg)								
Aroclor 1016	1,000	10,000	35 U	51 U	45 U	50 U	39 U	43 U
Aroclor 1221	1,000	10,000	35 U	51 U	45 U	50 U	39 U	43 U
Aroclor 1232	1,000	10,000	35 U	51 U	45 U	50 U	39 U	43 U
Aroclor 1242	1,000	10,000	35 U	51 U	45 U	50 U	39 U	43 U
Aroclor 1248	1,000	10,000	35 U	51 U	45 U	50 U	39 U	43 U
Aroclor 1254	1,000	10,000	84 U	120 U	110 U	120 U	92 U	100 U
Aroclor 1260	1,000	10,000	84 U	120 U	110 U	120 U	92.00 U	100 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.
c - The SCOs for industrial use and protection of groundwater were capped at a maximum value of 1,000 ppm. See TSD section 9.3.
i - This SCO is for the sum of Endosulfan I, endosulfan II, and endosulfan sulfate.
NS - No Standard
B - Compound was found in the blank and sample.
J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.
U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.
UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.
Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residensial Use SCO

Table 7
Soil Sample Analytical Data Summary
Radiological Confirmation

LiTungsten Site

Client Sample ID:	Site Specific	LT-C-013		LT-C-016		LT-C-045		LT-C-048		LT-C-049		LT-C-060		LT-C-064		LT-C-065	
Sample Depth:	Soil Cleanup Objectives	6-8'		8-10'		4-6'		2-4'		2-4'		6-8'		8-10'		0-2'	
Laboratory ID:		160-5231-3		160-5231-5		160-5519-2		160-5692-7		160-5692-9		160-5697-1		160-5766-4		160-5766-1	
Sampling Date:		1/15/2014		1/16/2014		2/6/2014		2/20/2014		2/20/2014		2/24/2014		2/26/2014		2/26/2014	
		Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)
Method A-01-R - Isotopic Thorium (Alpha Spectrometry) - (pCi/g)																	
Thorium-228	-	0.734	0.200	1.26	0.268	0.393	0.148	0.251	0.117	0.467	0.155	0.388	0.149	0.486	0.153	0.464	0.154
Thorium-230	-	1.00 U	0.200	1.00 U	0.166	0.402	0.144	0.376	0.141	0.481	0.153	0.273	0.119	1.00 U	0.133	1.00 U	0.158
Thorium-232	-	0.810	0.208	0.885	0.218	0.348	0.132	0.207	0.104	0.383	0.136	0.394	0.143	0.395	0.134	0.556	0.164
Thorium-230 + Thorium-232	≤ 5 + Background*	1.810		1.885		0.750		0.583		0.864		0.667		1.395		1.556	
Method A-01-R - Isotopic Uranium (Alpha Spectrometry) - (pCi/g)																	
Uranium-233/234	-	0.555	0.165	0.582	0.172	0.328	0.146	0.230	0.116	0.394	0.133	0.581	0.167	0.317	0.128	0.374	0.135
Uranium-235/236	-	0.0397 U	0.0493	0.0144 U	0.0287	-0.00347 UJ	0.00695	-0.00289 U	0.00579	-0.00487 U	0.00690	0.0351 U	0.0469	0.0283 U	0.0400	0.0241 U	0.0380
Uranium-238	-	0.656	0.181	0.702	0.189	0.217	0.117	0.193	0.101	0.407	0.136	0.418	0.138	0.275	0.116	0.293	0.116
Method GA-01-R - Radium-226 & Other Gamma Emitters (GS) - (pCi/g)																	
Actinium 228	-	0.711	0.0941	0.648	0.0705	0.52	0.0637	0.332	0.0402	0.548	0.0611	0.355	0.0433	0.539	0.0605	0.559	0.0625
Bismuth-212	-	0.715	0.232	0.708	0.134	0.58	0.119	0.432	0.115	0.617	0.119	0.366	0.0936	0.595	0.116	0.623	0.123
Bismuth-214	-	0.613	0.0787	0.48	0.0539	0.405	0.046	0.324	0.0381	0.440	0.0484	0.269	0.0322	0.370	0.0426	0.446	0.0498
Lead-210	-	0.555	0.339	0.346	0.101	0.419	0.135	0.296	0.110	0.500	0.137	0.284	0.109	0.374	0.108	0.436	0.127
Lead-212	-	0.734	0.0999	0.696	0.0911	0.51	0.0675	0.343	0.0457	0.596	0.0782	0.310	0.0415	0.540	0.0712	0.608	0.0800
Lead-214	-	0.699	0.0823	0.504	0.0549	0.471	0.0525	0.366	0.0409	0.511	0.0560	0.309	0.0358	0.420	0.0467	0.546	0.0603
Potassium-40	-	8.68	0.97	10.7	1.12	8.43	0.895	11.0	1.14	7.41	0.781	12.1	1.26	6.13	0.656	8.88	0.937
Protactinium-231	-	-0.299 U	0.356	-0.24 U	0.135	-0.181 U	0.154	-0.111 U	0.111	0.0651 U	0.0931	-0.101 U	0.103	-0.206 U	0.133	-0.226 U	0.141
Protactinum-234m	-	0.908 U	1.35	0.939 U	0.651	0.938	0.793	0.620 U	0.666	1.23	0.558	1.24	0.721	0.579 U	0.615	1.67	0.910
Thallium-208	-	0.231	0.032	0.215	0.0246	0.173	0.0214	0.118	0.0147	0.179	0.0207	0.108	0.0136	0.163	0.0193	0.184	0.0214
Thorium-234	-	0.834	0.374	0.495	0.132	0.496	0.146	0.356	0.113	0.587	0.145	0.356	0.123	0.499	0.130	0.604	0.135
Uranium-235	-	0.0468 U	0.0645	0.0395	0.0211	0.0321 U	0.0284	0.0176 U	0.0195	0.0650	0.0286	0.0542	0.0233	0.0554	0.0275	0.0554	0.0260
Uranium-238	-	0.834	0.374	0.495	0.132	0.496	0.146	0.356	0.113	0.587	0.145	0.356	0.123	0.499	0.130	0.604	0.135
Radium-226	-	1.31	0.409	1.17	0.251	0.99	0.226	0.922	0.207	1.06	0.218	0.701	0.172	0.847	0.198	1.11	0.251
Radium-228	-	1.00 U	0.0941	1.00 U	0.0705	0.52	0.0637	0.332	0.0402	0.548	0.0611	0.355	0.0433	0.539	0.0605	0.559	0.0625
Radium-226 + Radium-228	≤ 5 + Background*	2.31		2.17		1.51		1.254		1.608		1.056		1.386		1.669	

Client Sample ID:	Site Specific	LT-C-066		LT-C-067		LT-X-002		LT-G-019		LT-G-026		LT-G-027		LT-G-028		LT-G-029	
Sample Depth:	Soil Cleanup Objectives	0-2'		10-12'		6-8'		8-10'		4-6'		8-10'		8-10'		2-4'	
Laboratory ID:	Restricted-Residential	160-5766-2		160-5766-3		160-5231-2		160-5481-1		160-5703-3		160-5703-4		160-5697-2		160-5365-1	
Sampling Date:	Use	2/26/2014		2/26/2014		1/15/2014		2/6/2014		2/21/2014		2/21/2014		2/24/2014		1/28/2014	
		Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)
Method A-01-R - Isotopic Thorium (Alpha Spectrometry) - (pCi/g)																	
Thorium-228	-	0.484	0.164	0.499	0.161	0.644	0.177	0.352	0.14	0.481	0.161	0.335	0.133	1.01	0.250	0.844	0.213
Thorium-230	-	1.00 U	0.184	1.00 U	0.119	1.00 U	0.179	0.268	0.122	0.408	0.146	0.257	0.113	0.953	0.238	0.882	0.218
Thorium-232	-	0.678	0.187	0.411	0.142	0.7	0.183	0.205	0.101	0.348	0.133	0.481	0.155	0.805	0.217	0.852	0.214
Thorium-230 + Thorium-232	≤ 5 + Background*	1.678		1.411		1.7		0.473		0.756		0.738		1.758		1.734	
Method A-01-R - Isotopic Uranium (Alpha Spectrometry) - (pCi/g)																	
Uranium-233/234	-	0.385	0.135	0.190	0.0978	0.612	0.177	0.27	0.112	0.193	0.103	0.644	0.179	0.776	0.195	1.00 U	0.166
Uranium-235/236	-	0.0346 U	0.0463	0.0333 U	0.0482	0.00905 U	0.03	-0.00251 U	0.00503	0.0384 U	0.0556	0.0220 U	0.0390	0.0398	0.0460	0.0225 U	0.0399
Uranium-238	-	0.447	0.144	0.105	0.0701	0.544	0.166	0.2	0.0953	0.258	0.118	0.635	0.175	0.720	0.187	1.00 U	0.159
Method GA-01-R - Radium-226 & Other Gamma Emitters (GS) - (pCi/g)																	
Actinium 228	-	0.766	0.0837	0.470	0.0543	0.49	0.0556	0.349	0.0431	0.483	0.0571	0.623	0.0692	1.39	0.151	1.18	0.127
Bismuth-212	-	0.809	0.123	0.533	0.0960	0.535	0.108	0.424	0.0976	0.521	0.0903	0.795	0.141	1.51	0.273	1.17	0.203
Bismuth-214	-	0.586	0.0654	0.222	0.0274	0.397	0.045	0.294	0.034	0.382	0.0429	0.601	0.0667	1.04	0.114	0.832	0.0878
Lead-210	-	0.865	0.191	0.169	0.104	0.499	0.135	0.242	0.0896	0.427	0.122	0.559	0.171	1.04	0.293	0.891	0.194
Lead-212	-	0.839	0.110	0.453	0.0600	0.495	0.0652	0.353	0.0466	0.500	0.0658	0.625	0.0825	1.41	0.156	1.26	0.192
Lead-214	-	0.660	0.0722	0.247	0.0293	0.446	0.0492	0.325	0.0365	0.415	0.0456	0.661	0.0722	1.16	0.119	0.93	0.106
Potassium-40	-	8.92	0.941	5.42	0.578	8.8	0.922	10	1.04	6.74	0.712	10.4	1.09	20.7	2.07	20.4	2
Protactinium-231	-	0.0985 U	0.115	-0.176 U	0.116	-0.148 U	0.117	-0.184 U	0.106	-0.124 U	0.116	-0.173 U	0.155	-0.521 U	0.333	-0.398 U	0.24
Protactinum-234m	-	1.65	0.990	0.592 U	0.456	0.17 U	0.546	0.626 U	0.521	0.611 U	0.524	10.0 U	0.969	3.24	2.18	2.58	1.29
Thallium-208	-	0.262	0.0298	0.158	0.0184	0.162	0.0191	0.102	0.0122	0.151	0.0178	0.212	0.0249	0.476	0.0540	0.393	0.0428
Thorium-234	-	0.765	0.165	0.307	0.115	0.445	0.137	0.347	0.108	0.453	0.123	0.816	0.184	1.48	0.346	1.06	0.24
Uranium-235	-	0.0539	0.0369	0.0188 U	0.0270	0.0333	0.0239	0.0433	0.0213	0.0327	0.0176	0.0611	0.0270	0.109	0.0543	1.00 U	0.0426
Uranium-238	-	0.765	0.165	0.307	0.115	0.445	0.137	0.347	0.108	0.453	0.123	0.816	0.163	1.48	0.346	1.06	0.24
Radium-226	-	1.46	0.308	0.516	0.140	1.00 U	0.217	0.749	0.168	0.821	0.182	1.79	0.370	2.61	0.480	2.44	0.559
Radium-228	-	0.766	0.0837	0.470	0.0543	1.00 U	0.0556	0.349	0.0431	0.483	0.0571	0.623	0.0692	1.39	0.151	1.18	0.127
Radium-226 + Radium-228	≤ 5 + Background*	2.226		0.986		2		1.098		1.304		2.413		4		3.62	

Notes:
(1)USEPA Site Specific Soil Cleanup Objectives
* background is approximately 1 pCi/g for each isotope
B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.
U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.
Highlighted text denotes concentrations exceeding Site Specific SCO

Table 7
Soil Sample Analytical Data Summary
Radiological Confirmation

LiTungsten Site

Client Sample ID:	Site Specific	LT-G-029		LT-R-001		LT-R-001		LT-R-002		LT-R-002		LT-R-003		LT-R-003		LT-XC-020	
Sample Depth:	Soil Cleanup Objectives	4-6'		0-5'		5-10'		0-5'		5-10'		0-5'		5-10'		6-8'	
Laboratory ID:		160-5697-3		160-5405-1		160-5405-2		160-5405-1		160-5405-2		160-5606-5		160-5405-3		160-5692-1	
Sampling Date:		2/24/2014		1/31/2014		1/31/2014		1/31/2014		1/31/2014		2/14/2014		1/31/2014		2/20/2014	
		Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)
Method A-01-R - Isotopic Thorium (Alpha Spectrometry) - (pCi/g)																	
Thorium-228	-	0.705	0.204	0.545	0.161	0.626	0.181	0.415	0.14	0.475	0.155	0.387	0.142	0.486	0.156	0.414	0.149
Thorium-230	-	0.810	0.214	0.584	0.165	0.663	0.184	0.485	0.148	0.856	0.211	1.00 U	0.176	0.777	0.199	0.447	0.151
Thorium-232	-	0.763	0.206	0.442	0.141	0.766	0.2	0.375	0.127	0.489	0.155	0.580	0.170	0.322	0.127	0.349	0.132
Thorium-230 + Thorium-232	≤ 5 + Background*	1.573		1.026		1.429		0.86		1.345		1.58		1.099		0.796	
Method A-01-R - Isotopic Uranium (Alpha Spectrometry) - (pCi/g)																	
Uranium-233/234	-	0.407	0.134	1.00 U	0.174	1.00 U	0.169	0.362	0.132	0.411	0.141	0.361	0.134	0.39	0.142	0.692	0.237
Uranium-235/236	-	-0.00470 U	0.00665	-0.000918 U	0.0454	0.067	0.0601	0.00851 U	0.0282	0.0227 U	0.0402	0.0273 U	0.0387	0.0183 U	0.0429	0.0852 U	0.0951
Uranium-238	-	0.507	0.150	1.00 U	0.156	1.00 U	0.183	0.451	0.147	0.399	0.139	0.375	0.134	0.276	0.118	0.416	0.185
Method GA-01-R - Radium-226 & Other Gamma Emitters (GS) - (pCi/g)																	
Actinium 228	-	0.918	0.102	0.832	0.0906	0.991	0.111	0.605	0.0702	0.599	0.0669	0.531	0.0589	0.511	0.0566	0.557	0.0615
Bismuth-212	-	1.01	0.182	0.935	0.146	0.956	0.16	0.624	0.111	0.712	0.132	0.583	0.106	0.514	0.0752	0.648	0.119
Bismuth-214	-	0.737	0.0807	0.716	0.0781	0.76	0.0844	0.35	0.0404	0.356	0.0409	0.395	0.0444	0.303	0.0352	0.379	0.0426
Lead-210	-	0.857	0.191	0.759	0.187	0.937	0.218	0.341	0.108	0.417	0.13	0.471	0.125	0.338	0.0948	0.434	0.116
Lead-212	-	0.927	0.121	0.892	0.117	0.945	0.124	0.611	0.0802	0.622	0.0819	0.565	0.0742	0.535	0.0702	0.595	0.0780
Lead-214	-	0.847	0.0908	0.787	0.0845	0.858	0.0933	0.386	0.0431	0.41	0.0457	0.437	0.0483	0.343	0.0382	0.412	0.0455
Potassium-40	-	13.1	1.37	10.4	1.09	18	1.87	8.63	0.906	6.73	0.719	8.28	0.868	7.8	0.818	11.5	1.20
Protactinium-231	-	-0.239 U	0.170	-0.351 U	0.166	-0.264 U	0.182	-0.289 U	0.136	-0.221 U	0.152	-0.253 U	0.120	0.25	0.0667	-0.260 U	0.1270
Protactinum-234m	-	1.21 U	0.781	1.05 U	0.739	2.59	1.18	1.08	0.638	0.975 U	0.745	0.761 U	0.696	0.714	0.423	1.69	0.717
Thallium-208	-	0.296	0.0333	0.268	0.0306	0.316	0.0355	0.201	0.0231	0.208	0.025	0.167	0.0191	0.163	0.0186	0.174	0.02060
Thorium-234	-	0.959	0.206	0.914	0.185	0.888	0.208	0.525	0.128	0.503	0.164	0.519	0.130	0.435	0.12	0.391	0.0692
Uranium-235	-	0.0595	0.0281	0.0628	0.0288	0.0883	0.0321	0.0461	0.024	0.0564	0.0295	0.0369	0.0266	0.0276 U	0.0177	0.0486	0.0281
Uranium-238	-	0.959	0.206	0.914	0.185	0.888	0.208	0.525	0.128	0.503	0.164	0.519	0.130	0.435	0.12	0.391	0.0692
Radium-226	-	1.94	0.394	1.59	0.32	1.87	0.383	1.13	0.232	1.03	0.238	0.843	0.181	0.868	0.198	0.895	0.208
Radium-228	-	0.918	0.102	0.832	0.0906	0.991	0.111	0.605	0.0702	0.599	0.0669	1.00 U	0.0589	0.511	0.0566	0.557	0.0615
Radium-226 + Radium-228	≤ 5 + Background*	2.858		2.422		2.861		1.735		1.629		1.843		1.452		1.452	

Client Sample ID:	Site Specific	LT-XC-020		LT-XC-021		LT-XC-023	
Sample Depth:	Soil Cleanup Objectives	6-8'		4-6'		8-10'	
Laboratory ID:	Restricted-Residential	160-5692-1		160-5651-1		160-5651-2	
Sampling Date:	Use	2/20/2014		2/18/2014		2/19/2014	
		Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)	Result	Total Uncertainty (2σ+/-)
Method A-01-R - Isotopic Thorium (Alpha Spectrometry) - (pCi/g)							
Thorium-228	-	0.414	0.149	0.258	0.122	0.588	0.179
Thorium-230	-	0.447	0.151	1.00 U	0.122	1.00 U	0.154
Thorium-232	-	0.349	0.132	0.200	0.103	0.319	0.127
Thorium-230 + Thorium-232	≤ 5 + Background*	0.796		1.200		1.319	
Method A-01-R - Isotopic Uranium (Alpha Spectrometry) - (pCi/g)							
Uranium-233/234	-	0.692	0.237	0.171	0.0966	0.438	0.188
Uranium-235/236	-	0.0852 U	0.0951	-0.00267 U	0.00535	0.0140 U	0.0464
Uranium-238	-	0.416	0.185	0.188	0.0959	0.507	0.199
Method GA-01-R - Radium-226 & Other Gamma Emitters (GS) - (pCi/g)							
Actinium 228	-	0.557	0.0615	0.171	0.0232	0.457	0.0518
Bismuth-212	-	0.648	0.119	0.246	0.0715	0.503	0.0934
Bismuth-214	-	0.379	0.0426	0.136	0.0184	0.272	0.0316
Lead-210	-	0.434	0.116	0.105	0.0644	0.307	0.108
Lead-212	-	0.595	0.0780	0.178	0.0242	0.487	0.0644
Lead-214	-	0.412	0.0455	0.152	0.0191	0.318	0.0365
Potassium-40	-	11.5	1.20	6.99	0.738	5.09	0.549
Protactinium-231	-	-0.260 U	0.1270	-0.0749 U	0.0800	-0.193 U	0.127
Protactinum-234m	-	1.69	0.717	0.351 U	0.461	0.526 U	0.571
Thallium-208	-	0.174	0.02060	0.0564	0.00800	0.155	0.0184
Thorium-234	-	0.391	0.0692	0.140	0.0409	0.443	0.124
Uranium-235	-	0.0486	0.0281	0.00551 U	0.00940	0.0137 U	0.0188
Uranium-238	-	0.391	0.0692	0.140	0.0409	0.443	0.124
Radium-226	-	0.895	0.208	0.448	0.117	0.855	0.190
Radium-228	-	0.557	0.0615	0.171	0.0232	0.457	0.0518
Radium-226 + Radium-228	≤ 5 + Background*	1.452		0.619		1.312	

Notes:
(1)USEPA Site Specific Soil Cleanup Objectives
* background is approximately 1 pCi/g for each isotope
B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.
JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

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Highlighted text denotes concentrations exceeding Site Specific SCO