TABLES

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-1-A-20130627	LSB-1-B-20130627	LSB-2-A-20130627	LSB-2-B-20130627	LSB-3-A-20130627	LSB-3-B-20130627	LSB-4-A-20130627	LSB-4-B-20130627	LSB-5-A-20130627	LSB-5-B-20130627	LSB-6-A-20130626	LSB-6-B-20130626	LSB-7-A-20130626	LSB-7-B-20130626	LSB-8-A-20130627	LSB-8-B-20130627
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/27/2013	6/27/2013
			Sampling Depth	2-4'	5.5-7.5'	2-4'	10-12'	1-3'	6-8'	4-4.67'	4.67-6.6'	2-4'	10-12'	3-5'	10-12'	3-5'	8-10'	1.5-3.5'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Fill-Silty Sand	Fill-Sand	Clay	Fill-Sand	Fill-Clay	Sand	Sand	Fill-Sand	Clay	Sand	Clay	Fill-Clay	Clay	Fill-Sand	Sand/Silty Clay
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.0029 J	ND	ND	0.0053 J	ND	ND	ND	0.0061	ND	0.0054	ND	ND	ND	0.0025 J	ND
Acetone	0.05	500		ND	ND	ND	ND	0.031 J	0.0065 J	0.0038 J	0.0025 J	0.025	ND	0.027	ND	0.015 J	0.005 J	0.014	0.0026 J
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	0.0042	ND	0.0093	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	0.0027 J	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0031 J	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	0.0051 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	0.0071	ND	ND	ND	ND	ND	ND	0.0021 J	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	0.159 J	ND	ND	ND J	ND	ND	ND	ND	0.274	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	0.129 J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	0.333	ND	0.111 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.239	ND
Benzo(a)anthracene	1	5.6		ND	0.134 J	0.657	ND	0.451	ND	0.152 J	ND	0.134 J	ND	ND	ND	0.0649 J	ND	0.225	ND
Benzo(a)pyrene	1	1		ND	ND J	0.621	ND	0.462	ND	0.105 J	ND	ND J	ND	ND	ND	0.0637 J	ND	0.22	ND
Benzo(b)fluoranthene	1	5.6		ND	ND J	0.506	ND	0.388	ND	0.0983 J	ND	ND J	ND	**1.47 J**	ND	0.0718 J	ND	0.153 J	ND
Benzo(g,h,i)perylene	100	500		ND	ND J	0.253	ND	ND	ND	ND	ND	ND J	ND	0.463	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		ND	ND J	0.574	ND	0.59	ND	0.116 J	ND	ND J	ND	ND	ND	0.0613 J	ND	0.211	ND
Chrysene	1	56		ND	0.214 J	0.59	ND	0.414	ND	0.152 J	ND	0.123 J	ND	ND	ND	0.0597 J	ND	0.222	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND J	0.104 J	ND	ND	ND	ND	ND	ND J	ND	0.242	ND	ND	ND	ND	ND
Dibenzofuran	7	350		ND	ND J	0.079 J	ND	ND	ND J	ND	ND	ND	ND	0.15 J	ND	ND	ND	ND	ND
Fluoranthene	100	500		ND	0.298 J	1.54	ND	0.589	ND	0.658	ND	0.138 J	ND	ND	ND	0.135 J	ND	0.469	ND
Fluorene	30	500		ND	ND	0.158 J	ND	ND	ND J	ND	ND	ND	ND	0.284	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND J	0.286	ND	0.162 J	ND	ND	ND	ND J	ND	0.423	ND	ND	ND	0.089 J	ND
Naphthalene	12	500		ND	ND	0.106 J	ND	ND	ND	ND	ND	ND	ND	0.0982 J	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500		ND	0.112 J	1.12	ND	0.325 J	ND	0.505	ND	0.11 J	ND	ND	ND	0.0835 J	ND	0.241	ND
Pyrene	100	500		ND	0.321 J	1.33	ND	0.489	ND	0.46	ND	0.179 J	ND	ND	ND	0.14 J	ND	0.44	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		0.429	0.461	ND	ND	0.652	ND	ND	ND	0.223	ND	0.0502	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	0.418	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		**0.429**	**0.461**	ND	ND	**0.652**	ND	ND	ND	**0.641**	ND	0.0502	ND	ND	ND	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00661**	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	0.0198	ND	ND	ND	**0.113**	ND	0.00741	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	0.0359	ND	ND	ND	**0.139**	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	0.013	ND	ND	ND	**0.12**	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	0.0116	ND	ND	ND	**0.113**	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		3.38	3.11	**21.8**	5.25	4.97	3.77	12	2.46	5.38	4.36	6.94	2.26	5.6	2.03	2.78	3.66
Barium	350	400		74.9	63.3	63	44.6	64.1	119	62.8	39.9	119	69	92.6	86.5	80.8	63.4	97.1	128
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	**5.46**	ND	ND	**5.22**	ND	ND	ND	ND	ND	2.25	ND	ND	0.338	ND	ND
Chromium, Trivalent	30	1,500		20.7	19.8	25.5	18	**38.9**	25	15.6	8.29	**127**	17.3	28.6	10.7	16.9	7.85	**63.7**	22.6
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND J	ND J	ND J	ND J	ND J	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		20.7	19.8	25.5	18	38.9	25	15.6	8.29	127	17.3	28.6	10.7	16.9	7.85	63.7	22.6
Copper	50	270		16.5 J	**55.5 J**	18 J	23.4 J	**83.1 J**	19.5	12	11.4	41.2	16.1	38.8	11.1	20.9	8.44	42.6	21.3
Lead	63	1,000		**160**	**279**	22.4	8.19	**124**	8.3	28.3	4.73	61.4	7.17	55.8	4.33	7.53	23.2	34.2	8.51
Manganese	1,600	10,000		331	294	274	512	280	529	341	258	532	369	450	537	386	538	257	566
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.463**	0.00517	0.0183	0.00584	ND	ND
Nickel	30	310		9.73	25.9	22.7	29.3	**31.6**	**40.5**	16.9	15.6	**35.8**	24.2	22.9	16.7	26.9	11.3	**41.5**	**35.9**
Selenium	3.9	1,500		ND	ND	ND	ND	3.6	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND
Zinc	109	10,000		**197**	**203**	60.8	51.1	**119**	65.2	44.3	73.4	**192**	61.5	**817**	34.7	**122**	**187**	**175 J**	57.7 J
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	1.14	ND	0.704	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-9-A-20130627	LSB-9-B-20130627	LSB-10-A-20130627	LSB-10-B-20130627	LSB-11-A-20130624	LSB-11-B-20130624	LSB-12-A-20130626	LSB-12-B-20130626	LSB-13-A-20130626	LSB-14-A-20130627	LSB-14-B-20130627	LSB-15-A-20130627	LSB-15-B-20130627	LSB-16-A-20130627	LSB-16-B-20130627
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/24/2013	6/24/2013	6/26/2013	6/26/2013	6/26/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013
			Sampling Depth	4-6'	8-10'	1.5-4'	4-6'	1-3'	4-6'	2-4'	6-8'	3-4'	1-3'	4-5.5'	1-3'	5-7'	2.5-4.5'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Sand	Clay	Fill-Sand	Fill-Sand/Clay	Fill-Sand	Sand	Fill-Sand	Clay	Fill-Silty Sand	Fill-Sand/Silty Clay	Fill-Silty Clay	Fill-Sand	Fill-Silty Sand	Fill-Silty Sand	Fill-Silty Sand
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	ND	0.0038 J	ND	0.0025 J	0.0027 J	0.015 J	ND	0.0044 J	ND	ND	0.022 J	ND	0.0064 J	0.0039 J
Acetone	0.05	500		0.0031 J	0.0059 J	0.018	0.012	ND	ND	0.045 J	0.0044 J	0.023 J	0.0097 J	0.0056 J	**0.069 J**	ND	ND	0.019 J
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003 J	0.0053
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0025 J
cis-1,2-Dichloroethylene	0.25	500		ND	0.038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0042 J	0.0032 J
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	0.0034 J	ND	ND	ND	ND	ND	ND	0.022	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND J	ND	0.0074 J	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	0.0038 J	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	0.055	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0048 J	0.0027 J
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0041 J
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	ND	0.218 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	0.312 J	ND	ND	ND	0.084 J	ND	ND	ND	ND	ND	ND	ND	0.111 J
Benzo(a)anthracene	1	5.6		ND	ND	0.768	ND	ND	ND	0.335	ND	ND	ND	ND	ND	ND	ND	0.391 J
Benzo(a)pyrene	1	1		ND	ND	0.573 J	ND	ND	ND	0.284 J	ND	ND	ND	ND	ND	ND	ND	0.377 J
Benzo(b)fluoranthene	1	5.6		ND	ND	0.792 J	ND	ND	ND	0.486 J	ND	ND	ND	ND	ND	ND	ND	0.323 J
Benzo(g,h,i)perylene	100	500		ND	ND	ND J	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		ND	ND	**0.828 J**	ND	ND	ND	0.574	ND	ND	ND	ND	ND	ND	ND	0.39 J
Chrysene	1	56		ND	ND	0.707	ND	ND	0.056 J	0.516	ND	ND	ND	ND	ND	ND	ND	0.355 J
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND J	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	350		ND	ND	0.118 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500		ND	ND	1.19	ND	ND	0.114 J	0.607	ND	0.0588 J	ND	ND	ND	ND	2.07 J	0.651
Fluorene	30	500		ND	ND	0.15 J	ND	ND	ND	0.0579 J	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.146 J
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500		ND	ND	0.868	ND	ND	ND	0.378	ND	ND	ND	ND	ND	ND	1.59 J	0.468
Pyrene	100	500		ND	ND	1.13	ND	ND	0.122 J	0.806 J	ND	0.0543 J	ND	ND	ND	ND	2.43 J	0.549
PCBs																		
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0555
Aroclor 1254	NE	NE		ND	ND	0.0805	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	0.0805	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0555
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	0.00475	ND	ND	ND	ND	ND	ND	**1.55**	ND	ND	ND	ND	0.0173
beta-BHC	0.036	3		ND	ND	0.00571	ND	ND	ND	ND	ND	ND	**0.739**	ND	ND	ND	ND	**0.0864**
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																		
Arsenic	13	16		3.25	5.91	5.34	6.75	2.51	3.34	5.56	3.57	2.79	ND	3.66	3.15	5.66	6.71	4.25
Barium	350	400		29.3	156	314	56.7	39.6	32.7	81.3	119	29.5	28.2	39	33.3	37.5	160	124
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	1.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55
Chromium, Trivalent	30	1,500		8.97	25.4	**145**	12	10.6	12.9	29.7	25.6	11.3	**873**	10.4	15.5	11.5	**108**	**125**
Chromium, Hexavalent	1	400		ND	ND	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		8.97	25.4	145	12	10.6	12.9	29.7	25.6	11.3	873	10.4	15.5	11.5	108	125
Copper	50	270		14.3	22.8	**138**	32.6	10.8	18.1	**66**	20.7	12.2	5.5	23.8	10.1 J	25.4 J	27.5 J	44 J
Lead	63	1,000		4.75	11.4	**11,900**	9.89	5.57	8.62	37.8	8.6	6.97	20.3	7.18	8.15	9.33	**1,260**	**101**
Manganese	1,600	10,000		279	812	308	387	340	354	490	493	192	**2,420**	422	231	365	393	532
Mercury	0.18	2.8		ND	ND	0.169	ND	0.0165 J	0.0376 J	0.0728	0.012	0.0379	ND	ND	ND	ND	**0.256**	ND
Nickel	30	310		16.3	**44.6**	**35.1**	23.2	14.3	16.2	**37.8**	**35.8**	15.8	**54.7**	22.7	17.3	24.2	24.7	29.1
Selenium	3.9	1,500		ND	ND	ND	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND	1.55	ND
Zinc	109	10,000		57.5 J	63.7 J	**233**	95.7	53.2	52.4	**143**	60.9	43.3	86.6 J	56 J	43.2	75.8	**291**	**359**
Cyanide	27	27		ND	ND	ND	ND	1.76	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-17-A-20130627	LSB-17-B-20130627	LSB-18-A-20130626	LSB-18-B-20130626	LSB-19-A-20130624	LSB-19-B-20130624	LSB-20-A-20130624	LSB-20-B-20130624	LSB-21-A-20130626	LSB-21-B-20130626	LSB-22-A-20130626	LSB-22-B-20130626	LSB-23-A-20130626	LSB-23-B-20130626	LSB-23-S-20130702	LSB-24-A-20130626
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/26/2013	6/26/2013	6/24/2013	6/24/2013	6/24/2013	6/24/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	7/2/2013	6/26/2013
			Sampling Depth	2-4'	10-12'	1-3'	9.5-11.5'	1-3'	4-6'	2-4'	6-8'	2-4'	4-6'	2-4'	5-7'	2-4'	6-8'	3-4'	3-5'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Silty Sand	Fill-Sand	Fill-Silty Sand	Clay	Fill-Silt	Clay	Fill-Sand	Sand	Fill-Sand	Fill-Silty Sand	Fill-Sand	Silty-Sand	Fill-Sand	Sand	Fill-Sand	Fill-Clay
VOCs																			
1,1-Dichloroethane	0.27	240		0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.012	ND	0.0031 J	ND	0.0036 J	ND	0.013	ND	ND	ND	ND	ND	ND	ND	ND	0.012
Acetone	0.05	500		0.044	0.006 J	0.015 J	0.0049 J	ND	ND	0.043 J	ND	ND	0.021	ND	ND	ND	ND	ND	0.031
Benzene	0.06	44		0.011	0.0068	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		0.0038 J	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		0.0031 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0048 J	ND
o-Xylene	0.26	500		0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		0.0044 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		0.041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.341	ND	ND	0.122 J	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.199	8.99 J	ND	0.26	ND	ND	ND
Benzo(a)anthracene	1	5.6		**1.27 J**	ND	ND	ND	ND	ND	0.139 J	ND	**8.56 J**	**1.14**	**17.7**	ND	0.993	ND	0.0946 J	0.165 J
Benzo(a)pyrene	1	1		0.891 J	ND	ND	ND	ND	ND	0.149 J	ND	**7.85 J**	0.878	**18.9**	ND	**1.03**	ND	0.117 J	0.213 J
Benzo(b)fluoranthene	1	5.6		0.81 J	ND	ND	ND	ND	ND	0.149 J	ND	**9.82**	**1.43**	**11.2**	ND	0.171 J	ND	0.174 J	0.21 J
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.167 J	6.74 J	ND	0.265	ND	ND J	ND
Benzo(k)fluoranthene	0.8	56		**1.09 J**	ND	ND	ND	ND	ND	0.157 J	ND	**6.96 J**	**1.24**	**13.5**	ND	**1.33**	ND	0.149 J	0.198 J
Chrysene	1	56		0.78 J	ND	ND	ND	ND	ND	0.153 J	ND	**18.5**	0.979 J	**21.6**	ND	**1.25**	ND	0.118 J	0.18 J
Dibenz(a,h)anthracene	0.33	0.56		ND J	ND	ND	ND	ND	ND	ND	ND	ND	0.0929 J	**2.91 J**	ND	0.129 J	ND	ND J	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.224	ND	ND	0.0706 J	ND	ND	ND
Fluoranthene	100	500		2.13	ND	ND	ND	ND	ND	0.267	ND	22.8	1.18 J	52	ND	1.42	ND	0.153 J	0.295
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.223	ND	ND	0.125 J	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND J	ND	ND	ND	ND	ND	ND	ND	**2.66 J**	0.203	**6.13 J**	ND	0.254	ND	ND J	0.0816 J
Naphthalene	12	500		0.605 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND J	ND	ND	ND	ND J	ND
Phenanthrene	100	500		1.72 J	ND	ND	ND	ND	ND	0.162 J	ND	9.5	1.45	33.5	ND	0.984	ND	0.106 J	0.203 J
Pyrene	100	500		2.32 J	ND	ND	ND	ND	ND	0.257	ND	26	1.47 J	57.7	ND	0.185 J	ND	0.204 J	0.257 J
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	0.996	0.0602	2.52	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.503	ND	0.18	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	**0.996**	0.0602	**2.52**	ND	**0.503**	ND	**0.18**	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		0.0123	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0176	ND	ND	ND	ND	ND
beta-BHC	0.036	3		0.0112	**0.048**	ND	ND	ND	ND	ND	ND	ND	ND	**0.0394**	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0734	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		5.25	2.76	4.18	2.42	5.76	1.34	4.26	2.52	7.62	2.77	ND	2.6	ND	4.43	ND	3.7
Barium	350	400		73.2	66.5	41.1	108	68.2	22.2	70.4	51.6	81.1	62.5	241	45	54.2	32.5	58	82.6
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	0.554	ND	ND	0.575	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**95.1**	**308**	11.2	17.7	16.6	7.83	**30.4**	6.42	**94.1**	**139**	**1,940**	8.67	**1,680**	11.4	**5,930**	**80.9**
Chromium, Hexavalent	1	400		ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	**44.4**	ND	**8.88**	ND	**506**	ND
Chromium, Total	NE	NE		95.1	308	11.2	17.7	16.6	7.83	30.4	6.42	94.1	139	1,980	8.67	1,690	11.4	6,440	80.9
Copper	50	270		32.9	22.4	12.8	22.1	17	9.14	16.9	12.2	**146**	**56.4**	26.6	15.8	12.5	21.8	14	15.6
Lead	63	1,000		47.5	35.1	5.86	7.01	10.7	3.15	20	20	43.8	18.5	54.8	6.35	17.1	7.09	15.8	29.9
Manganese	1,600	10,000		473	586	306	585	168	166	202	593	394	318	396	235	919	297	946	194
Mercury	0.18	2.8		ND	ND	0.0175	0.0104	0.143 J	0.0225 J	**0.315 J**	0.00955 J	**0.43 J**	0.0537 J	**0.239 J**	0.0156 J	0.0673 J	0.0143 J	ND	0.102 J
Nickel	30	310		**31.7**	**33.8**	17.7	25.7	22.6	11.3	26.9	9.74	**92.5**	**39.9**	**137**	15.8	**137**	18.7	**289**	28.6
Selenium	3.9	1,500		1.43	ND	ND	ND	1.42	ND	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	109	10,000		**152**	103	52.3	56.6	91.8	38.3	72.6	**216**	**137**	90.1	**128**	42.2	33.4	53.4	ND	82.5
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.716	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-24-B-20130626	LSB-25-A-20130626	LSB-25-B-20130626	LSB-26-A-20130625	LSB-26-B-20130625	LSB-27-A-20130625	LSB-27-B-20130625	LSB-28-A-20130625	LSB-28-B-20130625	LSB-29-A-20130626	LSB-29-B-20130626	LSB-30-A-20130626	LSB-31-A-20130627	LSB-31-B-20130627	LSB-32-A-20130626	LSB-32-B-20130626
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/26/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/26/2013	6/26/2013	6/26/2013	6/27/2013	6/27/2013	6/26/2013	6/26/2013
			Sampling Depth	5-7'	3-5'	10-12'	4-6'	10-12'	2-4'	14-16'	1-3'	4-5.5'	2-4'	10-12'	4-6'	0-2'	2-4'	3-5'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Sand	Fill-Sand	Silty Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Clay
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.011	ND	0.011	ND	0.0045	ND	ND	ND	0.013 J	ND	0.0089	ND	0.026	ND	ND
Acetone	0.05	500		ND	0.032	ND	0.035	ND	0.021	ND	ND	ND	0.039 J	0.0026 J	0.026	0.0039 J	**0.072**	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0049 J	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Anthracene	100	500		ND	ND	ND	ND	ND	0.0576 J	ND	ND	ND	ND	ND	ND	0.136 J	ND	0.0886 J	ND
Benzo(a)anthracene	1	5.6		ND	ND	ND	0.105 J	ND	0.414	ND	ND	ND	0.0941 J	ND	ND	0.847	0.244 J	0.396	ND
Benzo(a)pyrene	1	1		ND	ND	ND	0.114 J	ND	0.435	ND	ND	ND	0.117 J	ND	ND	0.825	0.301	0.361	ND
Benzo(b)fluoranthene	1	5.6		ND	ND	ND	0.115 J	ND	0.472	ND	ND	ND	0.116 J	ND	0.076 J	0.771	0.222 J	0.61	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.186 J	0.149 J	ND
Benzo(k)fluoranthene	0.8	56		ND	ND	ND	0.148 J	ND	0.491	ND	ND	ND	0.105 J	ND	ND	**1.02**	0.278 J	0.51	ND
Chrysene	1	56		ND	ND	ND	0.102 J	ND	0.35	ND	ND	ND	0.0965 J	ND	0.0524 J	0.651	0.236 J	0.539	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0938 J	0.0874 J	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Fluoranthene	100	500		ND	ND	ND	0.106 J	ND	0.688	ND	ND	ND	0.121 J	ND	0.0666 J	1.09	0.408	0.623	ND
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	ND	ND	ND	0.0902 J	ND	ND	ND	0.0738 J	ND	ND	0.281 J	0.193 J	0.151 J	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
Phenanthrene	100	500		ND	ND	ND	0.117 J	ND	0.27	ND	ND	ND	0.108 J	ND	0.0528 J	0.432	0.293 J	0.403	ND
Pyrene	100	500		ND	ND	ND	0.126 J	ND	0.774 J	ND	ND	ND	0.125 J	ND	0.0853 J	0.977	0.317	0.79 J	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	1.71	ND	0.149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.441	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	**1.71**	ND	**0.149**	ND	ND	ND	ND	ND	ND	ND	ND	**0.441**	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0477
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		2.92	2.75	1.99	6.38	4.27	ND	1.76	2.76	2.43	3.66	6.43	2.84	ND	4.01	ND	1.97
Barium	350	400		31.8	47.1	49.7	91.9	146	62.5	49.4	34.4	48.8	50.2	119	34.3	67.3	81.6	116	47.8
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		8.99	13.1	9.81	**224**	26.9	**698**	11.8	15.9	12.7	23.4	24.4	**38.5**	**2,010**	**129**	**2,860**	12.1
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22.6 J**	ND J	**3.04**	ND
Chromium, Total	NE	NE		8.99	13.1	9.81	224	26.9	698	11.8	15.9	12.7	23.4	24.4	38.5	2,030	129	2,860	12.1
Copper	50	270		12.8	23.2	9.18	**94.1**	21.6	20.6	7.44	8.5	20.3	12.8	24.6	11	21.5	24.9	30.2	11.6
Lead	63	1,000		4.45	16.4	3.9	**75**	9.38	21.9	19.1	7.74	6.49	13.1	9.46	18.1	16	42.7	46	5.62
Manganese	1,600	10,000		319	242	290	810	577	366	493	170	145	249	597	379	993	270	**2,760**	312
Mercury	0.18	2.8		0.015 J	0.0481	0.01	**0.799 J**	0.0117 J	**0.583**	0.00619	0.0399	0.0314	0.105	0.0142	0.056 J	ND	ND	**0.423 J**	0.0139 J
Nickel	30	310		15.7	20.5	16.7	**57.8**	**37.8**	**59**	11.1	16.3	20.8	23.7	**44.5**	17.7	**249**	**41.8**	**150**	17.2
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	109	10,000		45.2	89.2	42.7	**138**	59.1	73.2 J	**160 J**	45.2 J	66.2 J	56.8	62.7	57.8	34	86.1	92.1	49
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-33-A-20130627	LSB-33-B-20130627	LSB-34-A-20130626	LSB-34-B-20130626	LSB-35-A-20130625	LSB-35-B-20130625	LSB-36-A-20130626	LSB-36-B-20130626	LSB-37-A-20130628	LSB-37-B-20130628	LSB-38-A-20130628	LSB-38-B-20130628	LSB-39-A-20130703	LSB-39-B-20130703	LSB-40-A-20130626	LSB-40-B-20130626
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/26/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	7/3/2013	7/3/2013	6/26/2013	6/26/2013
			Sampling Depth	0-2'	4-6'	3-4.5'	6-8'	2-4'	4-5.5'	1-3'	10-12'	5-7'	8-10'	0-2'	2-4'	3-5'	6-8'	4-6'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Clay	Fill-Clay	Sand/Clay	Fill-Sand	Clay	Fill-Sand	Clay	Sand	Clay	Fill-Sand	Fill-Sand	Fill-Clay	Sand/Clay	Fill-Sand	Fill-Sand
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	0.0075 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0037 J	ND	ND
Acetone	0.05	500		ND	**0.065**	ND	ND	ND	ND	0.0073 J	0.0023 J	ND	ND	ND	ND	ND	0.018 J	ND	0.0058 J
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	0.198 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.0486 J	ND	ND	ND	0.562	ND	ND	ND	ND	ND	ND	0.223 J	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.175 J	0.167 J	ND	ND	0.796	ND	0.0856 J	ND	ND	ND	0.121 J	**1.73**	0.142 J	ND	0.171 J	ND
Benzo(a)pyrene	1	1		0.181 J	0.189 J	ND	ND	0.571	ND	0.1 J	ND	ND	ND	0.133 J	0.73	0.208 J	ND	0.166 J	ND
Benzo(b)fluoranthene	1	5.6		0.16 J	0.153 J	ND	ND	0.572	ND	0.0991 J	ND	ND	ND	0.13 J	**1.58**	0.146 J	ND	0.128 J	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	0.32	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.163 J	0.162 J	ND	ND	0.514	ND	0.0912 J	ND	ND J	ND J	0.117 J	**1.44 J**	0.146 J	ND	0.149 J	ND
Chrysene	1	56		0.179 J	0.168 J	ND	ND	0.705	ND	0.154 J	ND	ND	ND	0.148 J	**2.62**	0.154 J	ND	0.258 J	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	ND	0.173 J	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	0.347	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.162 J
Fluoranthene	100	500		0.341	0.379	ND	ND	1.7	ND	0.237	ND	ND	ND	0.263	1.98	0.222	ND	0.533 J	ND
Fluorene	30	500		ND	ND	ND	ND	0.166 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.0821 J	0.0931 J	ND	ND	0.336	ND	ND	ND	ND	ND	0.0747 J	ND	0.06 J	ND	0.0749 J	ND
Naphthalene	12	500		ND	ND	ND	ND	0.135 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND J	ND J	ND J	ND	ND J	ND J	ND	ND	ND	ND	ND	ND	ND J	ND J
Phenanthrene	100	500		0.201	0.222 J	ND	ND	3.52	ND	0.151 J	ND	ND	ND	0.133 J	0.71	0.14 J	ND	0.345 J	0.442 J
Pyrene	100	500		0.408	0.346	ND	ND	1.31	ND	0.233	ND	ND	ND	0.233	1.64	0.327 J	ND	0.487 J	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0513	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0513	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		2.78	4.12	ND	2.13	ND	5.38	ND	5.8	3.28	5.71	ND	7.48	5.24	2.53	ND	2.15
Barium	350	400		68.5	80.9	58.2	44.7	192	35.1	83.3	109	48.7	121	89.5	121	72.4	38.2	58.3	40
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**141**	**41.1**	**1,500**	12.3	**4,730**	14.6	**4,320**	**65.5**	9.53	21.6	**895**	**73.4**	23	11.2	**4,980**	14.6
Chromium, Hexavalent	1	400		ND J	ND	**47.8**	ND	**87.3**	ND	**150**	ND	ND	ND	ND	ND	ND	ND	**55.1**	ND
Chromium, Total	NE	NE		141	41.1	1,550	12.3	4,820	14.6	4,470	65.5	9.53	21.6	895	73.4	23	11.2	5,040	14.6
Copper	50	270		14.5	14.8	13.6	10.1	32.3	25.2	20.6	25.8	13.3	24.8	35.3	26.1	18.4	10	26.2	12.6
Lead	63	1,000		37.9	23.6	10.7	5.98	19.9	6.17	32.8	10.8	5.28	10.9	53.9	**117**	41.1	6	12.2	4.75
Manganese	1,600	10,000		348	170	300	394	**6,970**	727	988	358	786	391	533	563	534 J	176 J	1,230	437
Mercury	0.18	2.8		ND	ND	**0.258 J**	0.0158 J	**0.196 J**	0.019 J	**3.86**	0.02	ND	ND	ND	ND	0.161	ND	**0.759 J**	0.0174 J
Nickel	30	310		22.9	23.3	**114**	20.5	**254**	19.7	**252**	**40**	19.4	**35.4**	**424**	**39.1**	20.6	14.5	**739**	18.2
Selenium	3.9	1,500		ND	1.77	ND	ND	3.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	109	10,000		87.4	64.4 J	46.8	49.9	40	48.4	22.3	64	40.6	60.4	96.2	90.4	80.1 J	42.6 J	8.65	42.4
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-41-A-20130626	LSB-41-B-20130626	LSB-42-A-20130626	LSB-42-B-20130626	LSB-43-A-20130625	LSB-43-B-20130625	LSB-44-A-20130703	LSB-44-B-20130703	LSB-45-A-20130702	LSB-45-B-20130702	LSB-46-A-20130626	LSB-46-B-20130626	LSB-47-A-20130625	LSB-47-B-20130625	LSB-48-A-20130628	LSB-48-B-20130628
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	7/3/2013	7/3/2013	7/2/2013	7/2/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/28/2013	6/28/2013
			Sampling Depth	3-5'	10-12'	3-5'	10-12'	2-4'	6-8'	1-3'	5-7'	1.1-3.3'	3.3-4.3'	2-4'	4-6'	2-4'	10-12'	4-6'	6-7.5'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Sand	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Silty Clay	Fill-Sand	Clay	Fill-Sand	Sand	Fill-Sand	Clay	Fill-Clay/Sand	Sand
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0048 J	ND	ND	ND	ND	ND	ND	0.0029 J	ND	0.035	0.0074 J	ND	ND	ND	ND	ND
Acetone	0.05	500		0.021 J	0.0025 J	ND	ND	ND	ND	ND	0.021 J	ND	**0.11**	0.025 J	0.012 J	ND	ND	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.232	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.0958 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.512	ND	0.0754 J	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.251 J	ND	ND	ND	ND	ND	0.137 J	ND	0.0953 J	0.168 J	**1.9**	ND	**1.38**	ND	ND	ND
Benzo(a)pyrene	1	1		0.25 J	ND	ND	ND	ND	ND	0.137 J	ND	0.124 J	0.281	**1.93**	ND	0.752	ND	ND	ND
Benzo(b)fluoranthene	1	5.6		0.2 J	ND	ND	ND	ND	ND	0.116 J	ND	0.123 J	0.214 J	**2.15**	ND	**2.1**	ND	ND	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.699	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.218 J	ND	ND	ND	ND	ND	0.147 J	ND	0.138 J	0.256	**1.86**	ND	**1.36**	ND	ND	ND
Chrysene	1	56		0.33 J	ND	ND	ND	ND	ND	0.129 J	ND	0.0976 J	0.193 J	**2.47**	ND	**3.1**	ND	ND	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.442**	ND	0.0622 J	ND	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.129 J	ND	ND	ND	ND	ND
Fluoranthene	100	500		0.648 J	ND	ND	ND	0.0841 J	ND	0.289	ND	0.162 J	0.298	2.8	ND	1.74	ND	ND	ND
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.253	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.0702 J	ND	ND	ND	ND	ND	0.0929 J	ND	ND	0.0606 J	**0.783**	ND	0.115 J	ND	ND	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0795 J	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND J	ND	ND	ND J	ND	ND J	ND J	ND J	ND J	ND	ND	ND J	ND	ND	ND
Phenanthrene	100	500		0.358 J	ND	ND	ND	0.0576 J	ND	0.152 J	ND	0.0695 J	0.223 J	1.88	ND	0.334	ND	ND	ND
Pyrene	100	500		0.604 J	ND	ND	ND	0.0588 J	ND	0.215	ND	0.183 J	0.322	3.31 J	ND	2.76	ND	ND	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0855	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0855	ND	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00412	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		8.02	3.21	3.72	3.52	ND	4.56	7.99	4.5	6.14	5.96	5.72	3.21	ND	4.1	4.06	1.29
Barium	350	400		54.8	175	73.3	132	46.6	71.2	106	69.7	240	90.8	86.2	74.9	66	162	42.4	40.4
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.276	ND	0.25	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	0.449	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**77.7**	27.8	**43**	28	**2,370**	20.8	**103**	16	15.2	**37.6**	**158**	16.8	**4,360**	**31.8**	11.2	8.85
Chromium, Hexavalent	1	400		ND	ND	ND	ND	**11.1**	ND	ND	ND	ND	ND	ND	ND	**28.9**	ND	ND	ND
Chromium, Total	NE	NE		77.7	27.8	43	28	2,381	20.8	103	16	15.2	37.6	158	16.8	4,390	31.8	11.2	8.85
Copper	50	270		33.4	21.3	12.8	26.4	12.3	19.3	32.6	18	27.3	18.7	29.6	11.6	16.1	24.2	21.4	5.97
Lead	63	1,000		**78.1**	8.19	10.5	6.74	14.3	6.49	**63.7**	8.01	**341**	23.5	50.8	9.66	42.5	6.91	7.36	3.98
Manganese	1,600	10,000		348	653	214	562	711	442	580 J	134 J	573	260	690	131	783	552	681	316
Mercury	0.18	2.8		**0.279**	0.0128	0.165	0.0196	0.021	0.0131 J	ND	ND	ND	ND	**0.185**	0.0269	**0.314**	0.0135	ND	ND
Nickel	30	310		21.5	**43.2**	24.7	**43.8**	**154**	24.4	28.3	23.6	18.3	**32.6**	**49.9**	26.3	**242**	**40.3**	22.9	14.8
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND
Zinc	109	10,000		**161**	60.9	67.4	64.6	16.9	45.6 J	107 J	66.6 J	**339**	105	**110**	74.3	23.4 J	66.2 J	46.4	37.6
Cyanide	27	27		1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-49-A-20130702	LSB-49-B-20130702	LSB-50-A-20130701	LSB-50-B-20130701	LSB-51-A-20130701	LSB-51-B-20130701	LSB-52-A-20130701	LSB-52-B-20130701	LSB-53-A-20130629	LSB-54-A-20130628	LSB-54-B-20130628	LSB-55-A-20130629	LSB-55-B-20130629	LSB-56-A-20130703	LSB-56-B-20130703	LSB-57-A-20130702
			Sample Date	7/2/2013	7/2/2013	7/1/2013	7/1/2013	7/1/2013	7/1/2013	7/1/2013	7/1/2013	6/29/2013	6/28/2013	6/28/2013	6/29/2013	6/29/2013	7/3/2013	7/3/2013	7/2/2013
	Unrestricted Use Objectives	Restricted Commercial	Sampling Depth	1.5-3.5'	4-6'	2-4'	5-7'	0.5-1.5'	1.5-3'	0-2'	2-4'	0.5-1'	0-2'	2-4'	0-2'	2-4'	0-2'	3-5'	2-4'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Silty Sand	Fill-Silty Sand	Fill-Sand	Clay	Fill-Sand	Fill-Sand	Fill-Sand	Clay	Fill-Gravel	Fill-Sand	Fill-Clay	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Silt	Fill-Sand
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.01	ND	0.0085	ND	ND	ND	ND	ND	ND	0.0087	ND	ND	ND	0.0097 J	0.0077
Acetone	0.05	500		ND	0.034	0.0096 J	0.028	ND	ND	ND	0.018	0.012 J	ND	0.03	ND	0.015 J	ND	0.033 J	0.028
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	0.0928 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13 J
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0479 J	ND	0.0557 J
Anthracene	100	500		ND	ND	ND	ND	0.873	0.265	0.405	ND	ND	ND	ND	ND	ND	0.0878 J	ND	0.35
Benzo(a)anthracene	1	5.6		0.0682 J	0.0627 J	0.113 J	ND	0.561 J	0.24 J	0.303 J	ND J	0.171 J	ND	ND	0.213	0.127 J	0.347	0.092 J	0.887
Benzo(a)pyrene	1	1		0.0799 J	0.09 J	0.16 J	ND	0.665 J	0.325 J	0.394 J	ND J	0.0857 J	ND	ND	0.168 J	0.0651 J	0.502 J	0.133 J	0.966 J
Benzo(b)fluoranthene	1	5.6		ND	ND	0.126 J	ND	0.675 J	0.409 J	0.417 J	ND J	0.0943 J	ND	ND	0.0908 J	ND	0.395 J	0.114 J	0.577 J
Benzo(g,h,i)perylene	100	500		ND	ND	0.126 J	ND	0.287 J	0.134 J	0.267 J	ND J	ND	ND	ND	ND	ND	ND J	ND J	0.24 J
Benzo(k)fluoranthene	0.8	56		0.0682 J	0.0716 J	0.106 J	ND	0.714 J	0.334 J	0.395 J	ND J	0.1 J	ND	ND	0.166 J	0.0707 J	0.591 J	0.142 J	**0.838 J**
Chrysene	1	56		0.0739 J	0.0725 J	0.136 J	ND	0.591 J	0.251 J	0.347 J	ND J	0.174 J	ND	ND	0.193 J	0.125 J	0.376	0.145 J	0.87
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND J	ND	ND J	ND J	ND J	ND J	ND J	ND	ND	ND J	ND J	0.0635 J	ND J	ND J
Dibenzofuran	7	350		ND	ND	ND	ND	0.0493 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0616 J
Fluoranthene	100	500		0.129 J	0.131 J	0.21 J	ND	0.885	0.348	0.516	ND	0.287	0.0638 J	ND	0.381	0.243 J	0.568	0.143 J	2.24
Fluorene	30	500		ND	ND	ND	ND	0.0916 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.132 J
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	**1.79**	ND	0.0824 J	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	0.111 J	ND	0.313 J	0.103 J	0.149 J	ND J	ND J	ND	ND	0.0741 J	ND J	0.0852 J	ND J	0.282 J
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J
Phenanthrene	100	500		0.106 J	0.0857 J	0.167 J	ND	0.904	0.275	0.419	ND	0.0857 J	ND	ND	0.166 J	0.137 J	0.33	0.0983 J	1.02
Pyrene	100	500		0.182 J	0.122 J	ND J	ND	3.1 J	1.25 J	2.1 J	ND J	0.26	0.0634 J	ND	0.328	0.209 J	0.793	0.181 J	1.96
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	0.122	ND	0.0443	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	0.151	ND	ND	ND	ND	ND	ND	ND	0.128	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	**0.151**	ND	**0.122**	ND	0.0443	ND	ND	ND	**0.128**	ND	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	0.00586	ND	0.0114	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		5.94	2.65	8.14	2.17	4.47	8.46	8.51	3.93	ND	5.52	4.32	2.72	ND	5.38	5.01	4.73
Barium	350	400		64.9	58.9	62.2	39.3	138	99.4	123	64.1	54.9	112	82.8	52.9	74.2	63.2	57.3	110
Beryllium	7.2	590		ND	ND	0.157	ND	ND	ND	ND	ND	ND	ND	0.129	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	0.704	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		19.3	17.1	**36.4**	9.97	**74.1**	**70.2**	**56.8**	16.8	**2,090**	25.3	**168**	**324**	**3,460**	**102**	**39.3**	**60**
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**275**	ND	ND	ND
Chromium, Total	NE	NE		19.3	17.1	36.4 J	9.97 J	74.1 J	70.2 J	56.8 J	16.8 J	2,090	25.3	168	324	3,730	102	39.3	60
Copper	50	270		27.7	4.81	16	8.88	38	**98**	39.9	20.6	16	20.5	18	16.5	9.96	25.6	12.8	20.3
Lead	63	1,000		**83.9**	12	15.5	4.69	49.9	**201**	**223**	10.8	33.4	9.22	39.1	30.6	29.6	62.3	23.6	25
Manganese	1,600	10,000		580	100	205	237	712	789	425	163	536	766	495	330	1,450	485 J	122 J	458
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	30	310		20.6	12	22.9	16.9	26.7	23.6	27.4	23.1	**221**	**33.1**	**41**	**37.3**	**194**	28.2	24.6	29.4
Selenium	3.9	1,500		ND	ND	3.49	ND	1.57	2.06	1.98	1.9	ND	ND	ND	1.58	ND	ND	1.66	ND
Zinc	109	10,000		**168**	49.5	70.3	43.9	**116**	**362**	101	66.9	62.7	59.4	**119**	**111**	57.4	**238 J**	51.2 J	**181**
Cyanide	27	27		ND	ND	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-57-B-20130702	LSB-58-A-20130703	LSB-58-B-20130703	LSB-59-A-20130703	LSB-59-B-20130703	FD-10-2013-06-30 (LSB-60-B)	LSB-60-A-2013-06-30	LSB-60-B-2013-06-30	LSB-61-A-20130625	LSB-61-B-20130625	LSB-62-A-2013-06-30	LSB-63-A-2013-06-30	LSB-63-B-2013-06-30	LSB-64-A-20130628
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	7/2/2013	7/3/2013	7/3/2013	7/3/2013	7/3/2013	6/30/2013	6/30/2013	6/30/2013	6/25/2013	6/25/2013	6/30/2013	6/30/2013	6/30/2013	6/28/2013
			Sampling Depth	5-7'	0-2'	2-4'	0-2'	2-4'	8-10'	1-3'	8-10'	1.5-3.5'	6-8'	0-2'	3-5'	5-7'	1-3'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Silty Sand	Fill	Fill	Fill-Sand	Fill-Sand	Clay	Fill-Clay	Clay	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Silty Clay	Fill-Sand
VOCs																	
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0072	0.0073 J	0.0043 J	0.0068 J	0.0034 J	ND J	ND	ND	ND	ND	ND	0.015 J	ND	0.0051
Acetone	0.05	500		0.023	0.031 J	0.02 J	0.033 J	0.022 J	ND J	ND	0.0026 J	ND	ND	ND	0.039 J	0.0093	0.022
Benzene	0.06	44		ND	0.0033 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																	
Acenaphthene	20	500		0.541	ND	0.0912 J	ND	ND	ND	ND	ND	ND	ND	ND	0.0559 J	ND	ND
Acenaphthylene	100	500		0.159 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		1.05	0.101 J	0.195	ND	ND	ND	ND	ND	ND	ND	ND	0.059 J	ND	ND
Benzo(a)anthracene	1	5.6		**2.56**	0.26 J	0.479 J	0.1 J	0.0752 J	0.174 J	ND	ND	0.0964 J	ND	0.105 J	0.238 J	ND	ND
Benzo(a)pyrene	1	1		**3.79 J**	0.379 J	0.628 J	0.249 J	0.122 J	0.169 J	ND	ND	0.0606 J	ND	0.106 J	0.245 J	ND	ND
Benzo(b)fluoranthene	1	5.6		**3.24 J**	0.409 J	0.549 J	0.256 J	0.0972 J	0.215	ND	ND	0.125 J	ND	0.0874 J	0.18 J	ND	ND J
Benzo(g,h,i)perylene	100	500		0.544 J	ND J	ND J	ND J	ND J	0.16 J	ND	ND	ND	ND	ND	0.136 J	ND	ND
Benzo(k)fluoranthene	0.8	56		**3.2 J**	0.315 J	0.582 J	0.238 J	0.107 J	0.205	ND	ND	0.0859 J	ND	0.0918 J	0.202 J	ND	ND
Chrysene	1	56		**3.28**	0.307 J	0.523 J	0.127 J	0.0895 J	0.217	ND	ND	0.177 J	ND	0.11 J	0.213 J	ND	ND
Dibenz(a,h)anthracene	0.33	0.56		0.291 J	ND J	ND J	ND J	ND J	0.0522 J	ND J	ND J	ND	ND	ND J	0.0691 J	ND J	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500		5.9	0.447	0.812	0.158 J	0.137 J	0.187 J	ND	ND	0.277	ND	0.195 J	0.425 J	ND	ND J
Fluorene	30	500		0.513	ND	0.0745 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		**0.65 J**	0.0526 J	0.0928 J	ND J	ND J	0.143 J	ND J	ND J	ND	ND	0.0622 J	0.128 J	ND J	ND
Naphthalene	12	500		0.343	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND J
Phenanthrene	100	500		3.96	0.36	0.682	0.0908 J	0.0865 J	ND J	ND	ND	0.234	ND	0.142 J	0.27 J	ND	ND
Pyrene	100	500		5.97	0.783 J	1.28 J	0.334 J	0.192 J	0.347	ND	ND	0.178 J	ND	0.171 J	0.349	ND	ND
PCBs																	
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	0.0729	0.031	ND	ND	ND	ND	ND	0.698	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	0.0729	0.031	ND	ND	ND	ND	ND	**0.698**	ND	ND	ND	ND	ND
Pesticides/Herbicides																	
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	**0.00697**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																	
Arsenic	13	16		12.3	4.98	5.01	8	3.13	5.81 J	5.14	2.51	ND	4.23	4.28	3.79 J	1.41	ND
Barium	350	400		150	105	97.8	81.9	41	34.8 J	170	36.5	113	87.8	71.3	75.7 J	42.5	65.3
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND J	ND	ND	ND	0.232	ND	0.284 J	ND	ND
Cadmium	2.5	9.3		1.63	ND	ND	0.388	0.355	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**35.4**	**165**	**129**	18.6	10.2	9.43 J	**165**	8.69	**4,330**	**57.2**	20.2	27.4 J	11.7	11.7
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	**364**	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		35.4	165	129	18.6	10.2	9.43 J	165	8.69	4,694	57.2	20.2	27.4 J	11.7	11.7
Copper	50	270		33.9	31.3	25.2	23.1	23	20.9	23.8	11.6	12.7	20.8	13	16.3	15.1	3.76
Lead	63	1,000		**181**	**116**	**86**	**181**	41.7	6.93 J	16.5	6.27	20.9	11.2	14.7	13.7 J	6.22	4.43
Manganese	1,600	10,000		300	645 J	540 J	803 J	468 J	373 J	650	356	**1,630**	207	298	210 J	206	52.7
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	ND	**0.248 J**	0.0275	ND	ND	ND	ND
Nickel	30	310		27.7	**33.8**	**37.5**	21.9	15.3	20.8	**43.2**	17	**220**	**33.7**	24.2	**30**	19.7	11.4
Selenium	3.9	1,500		ND	1.45	ND	ND	ND	ND	ND	ND	ND	ND	1.67	1.66	ND	ND
Zinc	109	10,000		**464**	**294 J**	**147 J**	**283 J**	**292 J**	50.2	85.3	41.1	24 J	**128 J**	66.2	67.6	62.5	59.2
Cyanide	27	27		2.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-64-B-20130628	LSB-65-A-20130628	LSB-65-B-20130628	LSB-66-A-20130628	LSB-66-B-20130628	LSB-67-A-20130628	LSB-67-B-20130628	LSB-68-A-20130628	LSB-68-B-20130628	LSB-69-A-20130627	LSB-69-B-20130627	LSB-70-A-20130627	LSB-70-B-20130627	LSB-71-A-20130627	LSB-71-B-20130627	LSB-72-A-20130627
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013
			Sampling Depth	4-6'	1-3'	5.75-7.75'	1-3'	10-12'	1-3'	5-7'	1-2'	2-4'	1-3'	5-7'	0.42-1.25'	2-4'	2-2.75'	4.75-5.8'	1-3'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Sand	Fill-Sand	Sand	Fill-Sand	Clay	Fill-Clay	Silty Sand	Fill-Sand	Sand	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Fill-Clay	Fill-Clay	Fill-Sand
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
2-Butanone	0.12	500		ND	ND	ND	ND	ND	0.0079	ND	0.0092	0.0023 J	0.0048	0.014	ND	ND	ND	0.0061	0.0077
Acetone	0.05	500		ND	ND	ND	ND	ND	0.033	ND	0.033	ND	0.02	0.047	0.016	0.0084	ND	0.026	0.028
Benzene	0.06	44		ND	ND	ND	ND	ND	0.0022 J	0.002 J	ND	ND	0.019	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		ND J	ND	ND	ND	ND	0.228 J	ND	ND	ND	ND J	ND	ND	ND	0.134 J	ND	ND
Benzo(a)pyrene	1	1		ND	ND	ND	ND	ND	0.287 J	ND	ND	ND	**1.22 J**	ND	ND	ND	0.16 J	ND	ND
Benzo(b)fluoranthene	1	5.6		ND J	ND J	ND J	ND J	ND J	0.18 J	ND J	ND J	ND J	ND J	ND	ND	ND	0.169 J	ND J	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND
Benzo(k)fluoranthene	0.8	56		ND	ND	ND	ND	ND	0.174 J	ND	ND	ND	ND J	ND	ND	ND	0.159 J	ND	ND
Chrysene	1	56		ND J	ND	ND	ND	ND	0.307 J	ND	ND	ND	ND J	ND	0.057 J	ND	0.138 J	ND	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500		ND J	ND J	ND J	ND J	ND J	0.369 J	ND J	ND J	ND J	1.62 J	ND	0.0912 J	ND	0.194 J	ND J	ND
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND J	ND	ND	ND J	ND
Phenanthrene	100	500		ND	ND	ND	ND	ND	0.258 J	ND	ND	0.0567 J	ND J	ND	0.0623 J	ND	0.15 J	ND	ND
Pyrene	100	500		ND J	ND	ND	ND	ND	0.614 J	ND	ND	0.0714 J	ND J	ND	0.101 J	ND	0.268 J	ND	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.271 J	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.271 J**	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.52**	ND	ND	ND	**0.0301 J**	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	0.0284	ND	ND	ND	**0.095**	ND	ND	ND	**0.34 J**	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		5.46	2.86	3.47	4.34	1.76	2.68	1.24	4.86	4.14	2.42	4.05	ND	2.14	2.2	11.2	2.4
Barium	350	400		65.6	71.3	67.6	44.2	47.2	55.2	45.4	75.8	46.7	38.7	112	39.8	29.2	116	76.9	48.4
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.442	ND	ND	0.229	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	0.479	ND	ND	ND	ND	0.426	ND	ND	ND	0.717	ND	ND
Chromium, Trivalent	30	1,500		14.9	14	14	15	5.84	**114**	7.32	22.4	12.3	**179**	26.3	**3,690**	10.5	**101**	20.9	11.5
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND J	**486**	ND	ND	ND	ND
Chromium, Total	NE	NE		14.9	14	14	15	5.84	114	7.32	22.4	12.3	179	26.3	4,180	10.5	101	20.9	11.5
Copper	50	270		30.3	15	20.6	22	17.1	27.1	6.94	13.3	14.8	11	23.5	14.3	13	22.1	21.8	9
Lead	63	1,000		8.38	7.13	8.21	8.4	21.4	26.3	3.36	**173**	7.49	40.2	18.4	20.3	5.57	39.1	24	8.75
Manganese	1,600	10,000		385	343	354	226	597	502	215	162	216	410	202	742	185	375	450	107
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	**0.291**	ND	ND	ND	ND	ND	ND	0.124	ND
Nickel	30	310		27.7	24.9	25.1	24.5	9.25	25.4	11.4	20.2	21.7	25.5	**30.3**	**233**	16.6	25.7	24.3	15.8
Selenium	3.9	1,500		ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND	2.01	ND	ND	ND	ND	ND
Zinc	109	10,000		68.9	57.1	64.6	60.4	**209**	**142**	31.5	**147**	50.6	**159**	**211**	17.1 J	51.6 J	**386 J**	99.5 J	57.4 J
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-72-B-20130627	LSB-73-A-20130627	LSB-73-B-20130627	LSB-74-A-20130627	LSB-75-A-20130627	LSB-75-B-20130627	LSB-76-A-20130628	LSB-76-B-20130628	LTP-1-A-20130628	LTP-2-A-20130628	LTP-2-B-20130628	LTP-3-A-20130628	LTP-4-A-20130625	LTP-4-B-20130625	LTP-5-A-20130625	LTP-5-B-20130625
			Sample Date	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013
	Unrestricted Use Objectives	Restricted Commercial	Sampling Depth	9-11'	1-3'	6-8'	1-3'	1-3'	10-12'	2-4'	4-6'	1-3'	1-3'	4-6'	1-3'	1-3'	8-10'	1-2'	8-10'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Clay	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Sand	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Sand/Clay	Fill-Sand	Fill-Sand	Sand	Fill-Sand	Clay
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.0046	ND	ND	0.016	ND	0.0077	0.0027 J	0.0029 J	ND	ND	0.0067	ND	ND	0.012	ND
Acetone	0.05	500		0.0039 J	0.016	0.007 J	0.0052 J	0.043	0.014	0.03	ND	ND	ND	ND	0.031	ND	ND	0.038	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	0.0027 J	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	ND	ND	ND	ND	0.114 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		ND	ND	ND	ND	ND	ND	0.283 J	ND	ND	ND	ND	ND	0.175 J	ND	0.264	ND
Benzo(a)pyrene	1	1		ND	ND	ND	ND	ND	ND	0.383 J	ND	ND	ND	ND	ND	0.229	ND	0.302	ND
Benzo(b)fluoranthene	1	5.6		ND	ND	ND	ND	ND	ND	0.443 J	ND	ND	ND	ND	ND	0.204	ND	0.283	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	0.149 J	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		ND	ND	ND	ND	ND	ND	0.347 J	ND	ND	ND	ND	ND	0.261	ND	0.326	ND
Chrysene	1	56		ND	ND	ND	ND	ND	ND	0.372 J	ND	ND	ND	ND	ND	0.188	ND	0.248	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Fluoranthene	100	500		ND	ND	ND	ND	ND	ND	0.579 J	ND	ND	ND	ND	ND	0.322	ND	0.457	ND
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	ND	ND	ND	ND	0.0667 J	ND	ND	ND	ND	ND	0.144 J	ND	0.107 J	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500		ND	ND	ND	ND	ND	ND	0.307	ND	ND	ND	ND	ND	0.161 J	ND	0.127 J	ND
Pyrene	100	500		ND	ND	ND	ND	ND	ND	0.87 J	ND	ND	ND	ND	ND	0.242	ND	0.376	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		1.58	2.76	2.47	3.66	2.29	1.41	ND	5.36	6.81	3.66	4.36	3.53	11.2	3.31	5.59	7.99
Barium	350	400		39.4	47.1	42.2	9.23	55.6	45.7	101	38.4	136	50.1	55.5	45.4	55.2	52.8	93.6	83.2
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	0.563	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31	ND
Chromium, Trivalent	30	1,500		5.07	18.6	10.2	7.53	11.9	12.3	**3,140**	11.3	25.4	13.7	11.6	22	**30**	12.4	**99.4**	14.4
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.02**
Chromium, Total	NE	NE		5.07	18.6	10.2	7.53	11.9	12.3	3,140	11.3	25.4	13.7	11.6	22	30	12.4	99.4	16.4
Copper	50	270		7.99	10.9	13.5	ND	12.9	16	**94.3**	17.5	16.6	16	23.2	12.2	20.1	16	13.8	37.1
Lead	63	1,000		30	9.02	5.65	56.7	7.21	6.89	**80.4**	6.17	17.1	7.17	5.64	11.7	22	7.73	21.2	10.3
Manganese	1,600	10,000		564	118	334	663	127	360	1,010	358	640	189	445	357	266	382	**7,830**	683
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.165 J	0.0131 J	0.136 J	0.0132 J
Nickel	30	310		7.78	17.8	17.6	5.26	18.3	19.5	**2,440**	20	**49**	21.3	20	19.5	19.2	19.5	**43.1**	**32.9**
Selenium	3.9	1,500		ND	1.46	ND	ND	ND	ND	1.63	ND	ND	ND	ND	ND	ND	ND	**4.39**	ND
Zinc	109	10,000		**174 J**	52.5 J	48.6 J	95.7 J	60.5 J	45.2 J	**232**	55.4	**195**	64.7	63.8	58.8	102	52.8	90.9	59.4
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-6-A-20130625	LTP-6-B-20130625	LTP-7-A-20130625	LTP-7-B-20130625	LTP-8-A-20130625	LTP-8-B-20130625	LTP-9-A-20130625	LTP-9-B-20130625	LTP-10-A-20130627	LTP-10-B-20130627	LTP-11-A-20130627	LTP-11-B-20130627	FD-3-20130627 (LTP-12-B)	LTP-12-A-20130627	LTP-12-B-20130627
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013
			Sampling Depth	1-2.5'	8-10'	1-3'	2-4'	2-4'	6-8'	1-2.5'	8-10'	1-2'	3-4'	1-3'	5-7'	4-6'	0-2'	4-6'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Clay	Clay	Fill-Sand	Fill-Sand/Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Fill-Gravel	Sand	Sand	Clay	Fill-Sand	Clay
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	ND	ND	0.02	ND	ND	ND	ND	ND	0.021 J	0.0066	ND	ND	ND	ND
Acetone	0.05	500		ND	ND	ND	**0.059**	ND	ND	ND	ND	ND	**0.057 J**	**0.052**	ND	ND	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0985 J	0.187 J	ND	ND	ND	0.341 J
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND J
Anthracene	100	500		0.162 J	ND	0.048 J	0.0689 J	ND	ND	0.143 J	ND	0.0655 J	0.12 J	0.295	ND	0.0689 J	ND	0.516 J
Benzo(a)anthracene	1	5.6		0.147 J	ND	0.235	0.215 J	0.125 J	ND	0.388	ND	0.148 J	0.399	0.631	ND	0.182 J	0.0798 J	0.664 J
Benzo(a)pyrene	1	1		0.197	ND	0.315	0.285	0.138 J	ND	0.327	ND	0.149 J	0.499	0.628	ND	0.195 J	0.0784 J	0.931 J
Benzo(b)fluoranthene	1	5.6		0.231	ND	0.29	0.266	0.155 J	ND	0.328	ND	0.123 J	0.4	0.551	ND	0.153 J	0.0598 J	0.63 J
Benzo(g,h,i)perylene	100	500		0.112 J	ND	ND	ND	ND	ND	0.181 J	ND	ND	0.178 J	0.152 J	ND	ND	ND	0.145 J
Benzo(k)fluoranthene	0.8	56		0.162 J	ND	0.3	0.245	0.154 J	ND	0.32	ND	0.137 J	0.437	0.562	ND	0.18 J	0.0765 J	0.526 J
Chrysene	1	56		0.163 J	ND	0.268	0.23	0.115 J	ND	0.412	ND	0.144 J	0.415	0.635	ND	0.188 J	0.082 J	0.821 J
Dibenz(a,h)anthracene	0.33	0.56		0.051 J	ND	ND	ND	ND	ND	0.0641 J	ND	ND	0.0825 J	0.0826 J	ND	ND J	ND	0.0857 J
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.104 J	ND	ND J	ND	0.138 J
Fluoranthene	100	500		0.281	ND	0.449	0.391	0.202	ND	1.38	ND	0.354	0.808	1.3	ND	0.345 J	0.184	1.38 J
Fluorene	30	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0645 J	0.202	ND	ND	ND	0.267 J
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.118 J	ND	0.0875 J	0.0916 J	0.0845 J	ND	0.168 J	ND	0.0632 J	0.209 J	0.171 J	ND	0.0761 J	ND	0.129 J
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0655 J	0.0834 J	ND	ND J	ND	0.0645 J
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND J
Phenanthrene	100	500		0.163 J	ND	0.209	0.269	0.14 J	ND	0.446	ND	0.261	0.503	1.13	ND	ND J	0.135 J	1.98 J
Pyrene	100	500		0.271 J	ND	0.48 J	0.386 J	0.165 J	ND	0.942	ND	0.313 J	0.764	1.49	ND	0.467 J	0.174 J	2 J
PCBs																		
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND J	ND	0.334	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND J	ND	**0.334**	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	0.00326	ND	ND	ND	ND	**0.00574**	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	**0.00456**	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																		
Arsenic	13	16		ND	4.07	4.65	4.35	2.98	4.09	4.52	2.87	3.49	4.31	ND	2.18	9.27	3.91	8.02
Barium	350	400		33.5	44.6	71.7	60.9	44.1	53.5	77.2	56.2	61.4	108	78.4	32.3	149	60.1	164
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**310**	13	15.4	**40.6**	**30.9**	**58**	**36.2**	**31.7**	**190**	**74.6**	**3,540**	8.94	**40.7 J**	**35.5**	**145 J**
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	**1.27**	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		310	13	15.4	40.6	30.9	58	36.2	31.7	191	74.6	3,540	8.94	40.7 J	35.5	145 J
Copper	50	270		9.94	18.3	18.7	16.4	10.4	18.4	10.2	14.3	14.8 J	23.4 J	15.1 J	15.7 J	31.7 J	12.5 J	38 J
Lead	63	1,000		53.3	6.63	**83.8**	22.7	9.64	9.25	7.62	5.92	27.1	36.2	34.5	5.65	**245**	32.9	**332**
Manganese	1,600	10,000		544	204	373	235	128	711	144	337	285	165	1,430	376	486	429	560
Mercury	0.18	2.8		**0.234**	0.01	0.109	**0.353**	**0.199 J**	0.0106 J	0.114 J	0.013 J	**0.306**	ND	ND	ND	ND	ND	ND
Nickel	30	310		**57.8**	18.2	14.7	28	18.1	25.8	14.7	20.8	29	29.4	**178**	17.3	29.8	14.2	**32.9**
Selenium	3.9	1,500		ND	ND	ND	1.8	ND	ND	1.27	ND	1.37	ND	ND	ND	1.51	ND	1.58
Zinc	109	10,000		**402 J**	55.3 J	**162 J**	72 J	47.3	55.9	47.4	47.9	65.4	75.5	59.3	38.9	**225**	102	**276**
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-13-A-20130626	LTP-13-B-20130626	LTP-14-A-20130627	LTP-14-B-20130627	LTP-15-A-20130627	LTP-15-B-20130627	LTP-16-A-20130626	LTP-16-B-20130626	LTP-17-A-20130625	LTP-17-B-20130625	LTP-18-A-20130626	LTP-18-B-20130626	LTP-19-A-20130625	LTP-19-B-20130625	LTP-20-A-20130625	LTP-20-B-20130625
			Sample Date	6/26/2013	6/26/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013
	Unrestricted Use Objectives	Restricted Commercial	Sampling Depth	3-5'	12-14'	0-2'	2-4'	3-5'	6-8'	3-5'	7-9'	1-3'	8-10'	1-3'	8-10'	3-5'	9-11'	1-3'	7-9'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Clay	Fill-Sand	Fill-Sand	Fill-Sand	Sand	Fill-Sand	Clay	Fill	Clay	Fill-Sand	Clay	Fill-Sand/Clay	Clay	Fill-Sand	Clay
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0055	ND	ND	0.0038 J	ND	ND	ND	ND	0.0046 J	ND	0.011 J	ND	ND	ND	ND	ND
Acetone	0.05	500		0.023	ND	ND	ND	ND	ND	0.016 J	0.014 J	ND	ND	0.034 J	0.0024 J	ND	ND	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND	0.273	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		ND	ND	ND	0.424	ND	ND	ND	ND	0.157 J	ND	0.105 J	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.0589 J	ND	ND	0.993	0.069 J	ND	ND	ND	0.464 J	ND	0.37	ND	ND	ND	ND	ND
Benzo(a)pyrene	1	1		0.0804 J	ND	0.0555 J	0.888	0.0884 J	ND	ND	ND	0.473 J	ND	0.42	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1	5.6		0.0845 J	ND	0.0517 J	0.731	0.0781 J	ND	ND	ND	0.513 J	ND	0.417	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100	500		ND	ND	ND	0.264	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.0678 J	ND	0.0498 J	0.786	0.0726 J	ND	ND	ND	0.62 J	ND	0.422	ND	ND	ND	ND	ND
Chrysene	1	56		0.0674 J	ND	0.0487 J	0.956	0.0832 J	ND	ND	ND	0.462 J	ND	0.402	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	ND	0.144 J	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	350		ND	ND	ND	0.109 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500		0.11 J	ND	0.076 J	2.89	0.163 J	ND	ND	ND	0.879 J	ND	0.869	ND	0.0684 J	ND	ND	ND
Fluorene	30	500		ND	ND	ND	0.218	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	ND	0.311	ND	ND	ND	ND	0.112 J	ND	0.0972 J	ND	ND	ND	ND	ND
Naphthalene	12	500		ND	ND	ND	0.113 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500		0.0723 J	ND	ND	1.58	0.0674 J	ND	ND	ND	0.395 J	ND	0.498	ND	0.0538 J	ND	ND	ND
Pyrene	100	500		0.0885 J	ND	0.0745 J	2.59	0.153 J	ND	ND	ND	1.71 J	ND	0.954 J	ND	0.0592 J	ND	ND	ND
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	0.0559	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	0.0559	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																			
Arsenic	13	16		4.05	2.48	3.35	3.12	3.03	1.8	3.47	4.87	ND	5.82	ND	6.32	4.08	5.15	1.89	4.47
Barium	350	400		68.2	74	47.5	115	43.2	29.1	46.3	38.3	60.4	41.7	70	112	96.7	92.4	29.5	64.3
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.197	ND	ND	ND
Cadmium	2.5	9.3		ND	0.596	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		29.3	11.6	28.4	**298**	17.5	11.1	18.7	8.76	**548**	10.6	**1,560**	23.7	**30.6**	23.4	8.25	24.8
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		29.3	11.6	28.4	298	17.5	11.1	18.7	8.76	548	10.6	1,560	23.7	30.6	23.4	8.25	24.8
Copper	50	270		13.9	11.3	13.9 J	24.1 J	13.4 J	10.4 J	14.3	14.2	16	19.8	14.6	20.5	17.3	20	8.06	15.4
Lead	63	1,000		14.2	35.1	18.1	**85.9**	14.2	4.23	8.07	6.09	25.1	6.36	24.7	9.08	16.1	10.4	4.07	23.3
Manganese	1,600	10,000		297	684	218	342	215	273	237	310	459	323	482	534	439	824	492	329
Mercury	0.18	2.8		0.149	0.00821 J	ND	ND	ND	ND	0.0429	0.0139	0.136	0.0128	**0.311**	0.0131	**0.477**	0.0174	0.123	0.0298
Nickel	30	310		24.9	17.9	18.9	**39.6**	18.2	13.4	20.5	16.7	**57.3**	19.4	**113**	**34.1**	**32.7**	**36.7**	12.9	23.7
Selenium	3.9	1,500		ND	ND	1.16	ND	ND	ND	ND	1.31	ND	ND	ND	ND	1.48	ND	ND	ND
Zinc	109	10,000		70	**254**	72.4	**122**	52.1	37.8	63.3	47.2	89.2 J	51.5 J	73.9	56.3	**318 J**	56.2 J	36.2 J	69.8 J
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-21-A-20130627	LTP-21-B-20130627	FD-4-20130627 (LTP-22-A)	LTP-22-A-20130627	FD-5-20130628 (LTP-23-B)	LTP-23-A-20130628	LTP-23-B-20130628	LTP-24-A-20130702	LTP-24-B-20130702	LTP-25-A-20130627	LTP-25-B-20130627	FD-13-20130702 (LTP-26-A)	LTP-26-A-20130702	LTP-26-B-20130702
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/28/2013	6/28/2013	6/28/2013	7/2/2013	7/2/2013	6/27/2013	6/27/2013	7/2/2013	7/2/2013	7/2/2013
			Sampling Depth	3-5'	5-7'	2-4'	2-4'	6.5-8.5'	4-6'	6.5-8.5'	0-2'	3-5'	1-3'	3-5'	3-5'	3-5'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Clay	Fill-Sand	Fill-Clay	Fill	Fill	Sand
VOCs																	
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0066	0.011	0.0057	0.005 J	ND J	0.005 J	ND	ND	0.0082	ND	0.019	0.016 J	0.0097 J	ND
Acetone	0.05	500		0.026	**0.05**	0.031	0.031	ND	0.022 J	ND	ND	0.03	0.0097	**0.053**	0.048	0.029	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																	
Acenaphthene	20	500		0.333 J	0.101 J	ND J	0.209 J	ND	0.158 J	ND	0.0871 J	ND	0.0753 J	ND	ND J	0.0939 J	ND
Acenaphthylene	100	500		ND	ND	ND	0.132 J	ND	ND	ND	0.0582 J	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.617	0.192 J	ND J	0.459 J	ND	0.651 J	ND	0.332	ND	0.146 J	0.142 J	ND J	0.235 J	ND
Benzo(a)anthracene	1	5.6		**1.5 J**	0.628	0.195 J	**1.3 J**	ND	**1.26 J**	ND	**1.21**	ND	0.49 J	0.506	0.119 J	0.54 J	ND J
Benzo(a)pyrene	1	1		**1.22**	0.551	0.18 J	**1.21 J**	ND	**1.33 J**	ND	**1.21**	ND	0.647 J	0.516	0.154 J	0.572 J	ND J
Benzo(b)fluoranthene	1	5.6		**1.21 J**	0.429	0.227 J	**1.22 J**	ND	**1.14 J**	ND	**1.46**	ND	0.635 J	0.592	0.129 J	0.572 J	ND J
Benzo(g,h,i)perylene	100	500		0.277 J	ND	ND	0.204 J	ND	0.279 J	ND	0.423	ND	0.241	ND	ND	ND J	ND J
Benzo(k)fluoranthene	0.8	56		**1.39 J**	0.472	0.242 J	**1.6 J**	ND J	**1.21 J**	ND J	**0.959**	ND	0.538 J	0.681	0.144 J	0.748 J	ND J
Chrysene	1	56		**1.21**	0.512	0.182 J	**1.12 J**	ND	**1.15 J**	ND	**1.16**	ND	0.65 J	0.466	0.117 J	0.459 J	ND J
Dibenz(a,h)anthracene	0.33	0.56		ND J	0.0776 J	ND	ND J	ND	0.18 J	ND	0.22	ND	0.104 J	0.0814 J	ND	ND J	ND J
Dibenzofuran	7	350		0.112 J	ND	ND	ND J	ND	0.0911 J	ND	ND	ND	ND	ND	ND J	0.0635 J	ND
Fluoranthene	100	500		2.74	0.978	0.344 J	2.12 J	ND	3.34 J	ND	3.04	ND	1.07 J	0.793	0.205 J	0.694 J	ND
Fluorene	30	500		0.307 J	0.0748 J	ND J	0.21 J	ND	0.243 J	ND	0.0951 J	ND	0.067 J	0.0542 J	ND J	0.125 J	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.394 J	0.277	ND J	0.257 J	ND	0.38 J	ND	**0.535**	ND	0.21 J	0.333	0.0651 J	0.132 J	ND J
Naphthalene	12	500		ND	ND	ND	ND J	ND	0.0645 J	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND J	ND J	ND J
Phenanthrene	100	500		1.91	0.624	0.217 J	1.33 J	ND	1.79 J	ND	1.38	ND	0.957	0.561	0.149 J	0.869 J	ND
Pyrene	100	500		2.21	0.83	0.289 J	1.82 J	ND	3.66 J	ND	2.3	ND	1.27 J	0.749	0.159 J	1.23 J	ND
PCBs																	
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		0.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		**0.51**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides																	
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																	
Arsenic	13	16		6.95	4.41	ND J	5.01 J	2.92	3.44	1.76	7.75	4.28	ND	2.52	3.83 J	4.86 J	2.57
Barium	350	400		182	305	104 J	**477 J**	26.6 J	109 J	35.7	94.9	133	52	69.8	75.8	101	32
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	0.228	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		2.15	ND	0.556	ND	ND	ND	ND	ND	ND	0.86	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**75.8**	**345**	**1,740 J**	**87.5 J**	8 J	**137 J**	7.78	**246**	26	**437**	**62.6**	**30**	**40.9**	7.78
Chromium, Hexavalent	1	400		ND J	ND J	ND J	ND J	ND	ND	ND	ND	ND	ND J	ND J	ND	ND	ND
Chromium, Total	NE	NE		75.8	345	1,740 J	87.5 J	8 J	137 J	7.78	246	26	437	62.6	30	40.9	7.78
Copper	50	270		**68.9**	**51**	33.2	35.8	17.8	26	6.29	32.6	11.8	20	15.2	12	17.5	8.81
Lead	63	1,000		**144**	**98**	54 J	**189 J**	4.1 J	17.7 J	3.84	**92.9**	16.4	**91.6**	25.1	18.4	21.4	5.49
Manganese	1,600	10,000		582	676	738	1,240	226 J	748 J	323	601	1,220	485	151	93.1	128	362
Mercury	0.18	2.8		**0.272**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	30	310		**39.9**	**184**	**170 J**	**32.7 J**	14.4 J	**45.3 J**	14.1	**45.8**	21.3	**95.9**	22.4	21	26.6	12.6
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	1.23	3.01	ND	1.42	1.74 J	ND J	ND
Zinc	109	10,000		**631**	**154**	**600 J**	**197 J**	31.6 J	68 J	33.3	97.5	94	**309**	67.4	68	93.3	35.3
Cyanide	27	27		ND	0.594	ND	0.795	ND	ND	ND	ND	ND	2.17	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	FD-14-20130702 (LTP-27-B)	LTP-27-A-20130702	LTP-27-B-20130702	LTP-28-A-20130626	LTP-28-B-20130626	LTP-29-A-20130626	LTP-29-B-20130626	LTP-30-A-20130626	LTP-30-B-20130626	LTP-31-A-20130626	LTP-31-B-20130626	FD-2-20130626 (LTP-32-A)	LTP-32-A-20130626	LTP-32-B-20130626	LTP-33-A-20130702
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	7/2/2013	7/2/2013	7/2/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	7/2/2013
			Sampling Depth	6-8'	0-2'	6-8'	4-6'	6-8'	0-2'	2-4'	1-3'	4-6'	4-6'	7-9'	1-2'	1-2'	4-6'	3-5'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Sand/Clay	Fill-Sand	Sand/Clay	Sand	Sand	Fill-Sand	Fill	Fill-Sand	Fill-Sand/Clay	Clay	Clay	Fill-Sand	Fill-Sand	Clay	Fill-Sand/Silt
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.049	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0068	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017	ND
2-Butanone	0.12	500		ND	ND	ND	0.014	ND	ND	0.017	ND	0.0046 J	0.016	ND	0.01 J	ND J	0.018	ND
Acetone	0.05	500		ND	ND	ND	0.031	ND	ND	**0.052**	0.011 J	ND	0.041	ND	0.038 J	ND	0.047	0.041
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0033 J	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		0.0027 J	ND	ND J	ND	ND	ND	ND	ND	ND	ND	0.0053 J	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.77 J	ND J	ND	2.19
Acenaphthylene	100	500		ND	ND	ND	ND	ND	0.0873 J	ND	ND	ND	ND	ND	ND	ND	ND	2.05
Anthracene	100	500		ND	0.0708 J	ND	0.0754 J	ND	0.224	ND	0.184 J	0.0573 J	ND	ND	6.74 J	ND J	ND	10
Benzo(a)anthracene	1	5.6		ND	0.303	ND	0.213	ND	0.687	0.0968 J	0.673	0.237	0.0589 J	ND	**14.3 J**	**1 J**	0.0867 J	**25.3**
Benzo(a)pyrene	1	1		ND	0.284	ND J	0.23	ND	0.644	0.123 J	0.699	0.23	0.073 J	ND	**17.1 J**	**1.15 J**	0.105 J	**23**
Benzo(b)fluoranthene	1	5.6		ND	0.268	ND J	0.201	ND	0.568	0.134 J	0.706	0.275	0.0633 J	ND	**17.4 J**	ND J	0.0912 J	**21.3**
Benzo(g,h,i)perylene	100	500		ND	0.162 J	ND J	ND	ND	0.138 J	ND	0.151 J	0.131 J	ND	ND	6.26 J	ND J	ND	11.2
Benzo(k)fluoranthene	0.8	56		ND	0.269	ND J	0.221	ND	0.787	0.0981 J	0.725	0.2 J	0.0598 J	ND	**13.1 J**	**0.985 J**	0.0835 J	**17.1**
Chrysene	1	56		ND	0.294	ND	0.237	ND	0.597	0.105 J	0.679	0.236	0.0695 J	ND	**19.9 J**	**1.68 J**	0.0812 J	**20.9**
Dibenz(a,h)anthracene	0.33	0.56		ND	0.095 J	ND J	ND	ND	ND	ND	0.0838 J	ND	ND	ND	**3.13 J**	ND J	ND	**2.37**
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.79 J	ND J	ND	1.82
Fluoranthene	100	500		ND	0.42	ND	0.328	ND	1.13	0.185 J	1.29	0.268	0.105 J	ND	32.5 J	2.11 J	0.0698 J	42.5
Fluorene	30	500		ND	ND	ND	ND	ND	0.0613 J	ND	ND	ND	ND	ND	3.21 J	ND J	ND	3.42
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	0.165 J	ND J	0.0723 J	ND	0.189	ND	0.181 J	0.142 J	ND	ND	**5.7 J**	ND J	0.0634 J	**12.6**
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.49 J	ND J	ND	1.01
Pentachlorophenol	0.8	6.7		ND J	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND J	ND	ND J
Phenanthrene	100	500		ND	0.264	ND	0.254	ND	0.693	0.122 J	0.658	0.177 J	0.062 J	ND	27.8 J	1.69 J	0.0958 J	34.1
Pyrene	100	500		ND	0.35	ND	0.456 J	ND	1.06	0.178 J	1.31 J	0.274	0.0972 J	ND	35.7 J	2.57 J	0.0981 J	32.9
PCBs																		
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.103
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.103**
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00614
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0663**
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																		
Arsenic	13	16		3.08 J	5.46	2.23 J	8.66	2.38	8.4	4.14	ND	5.87	2.9	3.76	**35.6 J**	12 J	10.8	5.69
Barium	350	400		35	70.7	45.8	62.7	40.1	111	76.4	68	89.6	90.5	39.1	293 J	146 J	81.1	215
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		9.47	15.5	10.8	**266**	10.5	**135**	**44.2**	**6,560**	**478**	**144**	10.5	**199 J**	**85.9 J**	26.4	**329**
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		9.47	15.5	10.8	266	10.5	135	44.2	6560	478	144	10.5	199 J	85.9 J	26.4	329
Copper	50	270		12.9	22.3	11.9	**54.6**	13	**50.4**	14.6	19	28.4	15.2	13.2	42.9	37.6	29.4	29.9
Lead	63	1,000		5.19	11.5	5.6	**137**	5.24	**115**	24.4	31.4	56.8	13.1	4.91	**74.8**	**71.3**	51.1	**244**
Manganese	1,600	10,000		271	687	426	582	726	582	152	802	376	210	328	**2,940 J**	702 J	330	854
Mercury	0.18	2.8		ND	ND	ND	**0.432**	0.0373	**0.325**	**0.349**	0.131	**0.614**	**0.317**	0.0161	**0.234 J**	**0.67 J**	**0.192 J**	ND
Nickel	30	310		14.6	22.9	17.2	**96.4**	19.9	29.8	29.9	**338**	**50.7**	29	15.7	**106 J**	**33.6 J**	**32.2**	**73.9**
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25	ND	ND	ND
Zinc	109	10,000		40.6	51.4	46.1	**294**	40.7	**145**	96.5	39.7	**118**	81.2	41.3	46.4	75.9	93.2	**232**
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07

Notes:
ND = Not detected above laboratory reporting limits
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Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-33-B-20130702	LTP-34-A-20130702	LTP-34-B-20130702	FD-15-20130702 (LTP-35-B)	LTP-35-A-20130702	LTP-35-B-20130702	LTP-36-A-20130702	LTP-36-B-20130702	LTP-37-A-20130702	LTP-37-B-20130702	LTP-38-A-20130702	LTP-38-B-20130702	LTP-39-A-20130702	LTP-39-B-20130702	LTP-40-A-20130703
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/3/2013
			Sampling Depth	5-7'	0-2'	5-7'	7-9'	0-2'	7-9'	0-2'	6-8'	2-4'	8-10'	2-4'	5-7'	0-2'	5-7'	3-5'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Silty Clay	Fill-Sand	Sand	Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill	Clay	Fill	Clay	Fill	Clay	Clay
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0026 J	ND	ND	ND J	ND	0.0023 J	ND	ND	ND	ND	ND	ND	ND	0.0028 J	0.016 J
Acetone	0.05	500		0.023	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019	0.046 J
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	ND	ND	ND	ND	ND	ND	ND	0.456	ND	ND	ND	0.668	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	0.0573 J	ND	0.161 J	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.078 J	0.0834 J	ND	ND	ND	ND	0.293	ND	1.14	ND	0.0787 J	ND	0.997	ND	ND
Benzo(a)anthracene	1	5.6		0.184 J	0.539	ND	0.11 J	0.0973 J	ND J	0.461	ND	**3.13 J**	ND J	0.266 J	ND	**2.56**	ND	0.158 J
Benzo(a)pyrene	1	1		0.188 J	0.353	ND	0.145 J	0.149 J	ND J	0.422	ND	**2.74 J**	ND J	0.271 J	ND	**2.15**	ND	0.196 J
Benzo(b)fluoranthene	1	5.6		0.162 J	0.598	ND	0.125 J	0.135 J	ND J	0.352	ND	**1.91 J**	ND J	0.299 J	ND	**1.77**	ND	0.167 J
Benzo(g,h,i)perylene	100	500		ND	0.257	ND	ND	ND J	ND	0.116 J	ND	0.386 J	ND J	ND J	ND	0.751	ND	0.144 J
Benzo(k)fluoranthene	0.8	56		0.203	0.398	ND	0.145 J	0.151 J	ND J	0.416	ND	**2.3 J**	ND J	0.377 J	ND	**0.916**	ND	0.166 J
Chrysene	1	56		0.167 J	0.703	ND	0.122 J	0.121 J	ND J	0.391	ND	**2.61 J**	ND J	0.267 J	ND	**2.36**	ND	0.154 J
Dibenz(a,h)anthracene	0.33	0.56		ND	0.121 J	ND	ND	ND	ND	0.0629 J	ND	0.264 J	ND J	ND J	ND	**0.407**	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	0.262	ND	ND	ND	0.371	ND	ND
Fluoranthene	100	500		0.372	0.7	ND	0.215 J	0.2	ND J	0.876	ND	6.02	ND	0.455	ND	5.02	ND	0.207 J
Fluorene	30	500		ND	ND	ND	ND	ND	ND	0.0904 J	ND	0.647	ND	ND	ND	0.712	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0837 J	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.0674 J	0.248	ND	0.0515 J	ND	ND J	0.155 J	ND	**0.579 J**	ND J	0.0601 J	ND	**0.875**	ND	0.146 J
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	0.0815 J	ND	ND	ND	0.107 J	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Phenanthrene	100	500		0.255	0.385	ND	0.141 J	0.0903 J	ND J	0.793	ND	5.48	ND	0.361	ND	5.04	ND	0.174 J
Pyrene	100	500		0.308	0.566	ND	0.242 J	0.219	ND J	0.767	ND	4.59	ND	0.592	ND	3.54	ND	0.193 J
PCBs																		
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00365	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																		
Arsenic	13	16		2	4.43	3.46	11.7 J	5.87	3.62 J	7.36	3.63	9.04	5.58	4.69	4.14	10.7	2.7	3.55
Barium	350	400		53.3	81.7	42.8	147 J	74.2	36 J	87.8	33.4	136	152	92.5	55.2	105	80.9	96.6
Beryllium	7.2	590		ND	ND	ND	0.414 J	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		12.6	**201**	11.4	**47.4 J**	20.4	9.83 J	20.9	9.78	21.6	28.6	**95**	13.8	**46.7**	14.9	**66.4**
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		12.6	201	11.4	47.4 J	20.4	9.83 J	20.9	9.78	21.6	28.6	95	13.8	46.7	14.9	66.4
Copper	50	270		12	18.5	16.7	36.5 J	20.7	15.5 J	23.1	12.8	**117**	27.2	21.8	16.9	35	16.6	12.7
Lead	63	1,000		5.35	18.9	8.28	**179 J**	**64.5**	6.65 J	**97.1**	5.97	**64.4**	9.23	**63.5**	6.8	25.3	6.17	12.2
Manganese	1,600	10,000		182	741	325	1,300 J	493	274 J	853	340	241	607	445	270	940	110	864 J
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	30	310		19.5	**42.9**	17.1	**42.4 J**	21.3	16.4 J	22.1	16.6	20.3	**39.3**	**36.4**	21	23.3	19.2	27.7
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	1.53	ND	2.57	ND	ND	ND	ND	ND	1.64
Zinc	109	10,000		52.6	53.3	50.4	**235 J**	**115**	45.8 J	**173**	42.6	**207**	70.8	**148**	55.5	**116**	61.6	83 J
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	0.719	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
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1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-40-B-20130703	LTP-41-A-20130626	LTP-41-B-20130626	FD-6-20130628 (LTP-42-A)	LTP-42-A-20130628	LTP-42-B-20130628	LTP-43-A-20130626	LTP-43-B-20130626	FD-7-20130629 (LTP-44-B)	LTP-44-A-20130629	LTP-44-B-20130629	LTP-45-A-20130702	LTP-45-B-20130702	LTP-46-A-20130702	LTP-46-B-20130702
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	7/3/2013	6/26/2013	6/26/2013	6/28/2013	6/28/2013	6/28/2013	6/26/2013	6/26/2013	6/29/2013	6/29/2013	6/29/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013
			Sampling Depth	6-8'	1-3'	7-9'	0-2'	0-2'	8-10'	1-3'	8-10'	8-10'	0-2'	8-10'	1.5-3.5'	6-8'	0-2'	2-4'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Clay	Fill-Sand	Clay	Fill-Sand	Fill-Sand	Clay	Fill-Sand	Clay	Clay	Fill-Sand	Clay	Fill-Sand	Silty Clay	Fill-Sand	Fill
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.003 J	ND	0.003 J	ND	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND
Acetone	0.05	500		0.023 J	ND	0.022 J	ND	ND	ND	ND	ND	ND	0.03	0.011	ND	ND	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	0.0726 J	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Anthracene	100	500		ND	0.153 J	ND	0.0599 J	0.0739 J	ND	0.163 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		ND	0.404	ND	0.158 J	0.243 J	ND	0.199	ND	ND	ND	ND	0.203	ND	0.0901 J	0.128 J
Benzo(a)pyrene	1	1		ND	0.408	ND	0.204 J	0.273 J	ND	0.22	ND	ND	ND	ND	0.179 J	ND	0.129 J	0.184 J
Benzo(b)fluoranthene	1	5.6		ND	0.346	ND	0.125 J	0.234 J	ND	0.339	ND	ND	ND	ND	0.181 J	ND	0.154 J	0.181 J
Benzo(g,h,i)perylene	100	500		ND	0.218	ND	ND	0.0963 J	ND	0.119 J	ND	ND	ND	ND	0.114 J	ND	ND J	ND J
Benzo(k)fluoranthene	0.8	56		ND	0.351	ND	0.178 J	0.244 J	ND J	0.364	ND	ND	ND	ND	0.194 J	ND	0.136 J	0.164 J
Chrysene	1	56		ND	0.408	ND	0.208 J	0.256	ND	0.201	ND	ND	ND	ND	0.28	ND	0.0962 J	0.128 J
Dibenz(a,h)anthracene	0.33	0.56		ND	0.0851 J	ND	ND J	0.0497 J	ND	0.0509 J	ND	ND	ND	ND	0.0537 J	ND	ND J	ND J
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Fluoranthene	100	500		ND	0.789	ND	0.385 J	0.45	ND	0.284	ND	ND	ND	ND	0.377	ND	0.141 J	0.206
Fluorene	30	500		ND	0.0695 J	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND J	**0.36 J**	ND	ND	ND	ND	ND	ND	ND	ND	**2.92**	**4.98**
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	0.225	ND	0.0676 J	0.113 J	ND	0.102 J	ND	ND	ND	ND	0.0972 J	ND	ND J	0.0546 J
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND J	ND J	ND J	ND J
Phenanthrene	100	500		ND	0.552	ND	0.218 J	0.297 J	ND	0.164 J	ND	ND	ND	ND	0.175 J	ND	0.125 J	0.123 J
Pyrene	100	500		ND	0.786 J	ND	0.445 J	0.555	ND	0.545 J	ND	ND	ND	ND	0.376	ND	0.201	0.278
PCBs																		
Aroclor 1248	NE	NE		ND	ND	ND	ND J	0.0935 J	ND	ND	ND	ND	ND	ND	1.07	ND	8.31	23
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.339	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND J	0.0935 J	ND	ND	ND	ND	ND	ND	**1.07**	**0.339**	**8.31**	**23**
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00356**	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	**0.00332**	ND	ND	ND	ND	ND	ND	ND	**0.00379**	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	**0.00614**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.232**	**0.182 J**
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.268**	ND	**1.46**	**0.491 J**
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.199**	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.161**	0.062 J
Metals																		
Arsenic	13	16		2.07	4.92	3.15	6.82	6.99	11.1	5.24	7.85	2.87 J	6.6	4.89 J	5.16	5.32	8.47	7.93
Barium	350	400		48.9	74.4	96.3	89.5	108	191	98	132	33.9 J	70.9	85 J	73.2	108	87.8	94.9
Beryllium	7.2	590		ND	ND	0.141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		13.5	16.7	18.7	18.7	17.4	24.2	20.4	27.6	9.12	**248**	15.2	**209**	23.3	25.2	22.3
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		13.5	16.7	18.7	18.7	17.4	24.2	20.4	27.6	9.12	248	15.2	209	23.3	25.2	22.3
Copper	50	270		11.9	31.2	10.3	28.1	34.3	35.5	27.5	22.8	10.9	25.8	15.1	19.4	25.6	41.2	29.9
Lead	63	1,000		6.24	**96.2**	7.82	50.3	**75.3**	8.34	**160**	9.17	5.03	**155**	7.24	34.4	7.43	**72.7**	46.1
Manganese	1,600	10,000		168 J	493	141	588	633	1,360	407	617	289	547	427	504	406	382	999
Mercury	0.18	2.8		ND	0.162	0.0408	ND	ND	ND	**0.333**	0.0162	ND	ND	ND	ND	ND	**0.252**	ND
Nickel	30	310		19.2	21.3	23.9	21.8	23.8	**59.4**	23.3	**40.1**	14.7	**45.1**	22	**30.2**	**37.2**	**37.1**	29.6
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.63
Zinc	109	10,000		54.9 J	**321**	103	69.5	78.9	67	**294**	59.9	38.4	73.4	49	76.1	69	**121**	**190**
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-47-A-20130701	LTP-47-B-20130701	FD-11-20130701 (LTP-48-A)	LTP-48-A-20130701	LTP-48-B-20130701	LTP-49-A-20130701	LTP-50-A-2013-06-30	LTP-51-A-20130701	LTP-51-B-20130701	LTP-52-A-20130628	LTP-52-B-20130628	LTP-53-A-20130628	LTP-53-B-20130628	LTP-54-A-20130628	LTP-54-B-20130628
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	7/1/2013	7/1/2013	7/1/2013	7/1/2013	7/1/2013	7/1/2013	6/30/2013	7/1/2013	7/1/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013	6/28/2013
			Sampling Depth	0-2'	5-7'	0.5-2.5'	0.5-2.5'	3-4.5'	0-2'	1-3'	0-1'	4-5'	0-2'	4-5'	0-2'	8-10'	0-2'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Parameters			Sample Medium	Fill-Sand	Fill-Sand/Clay	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Clay	Fill-Sand	Clay	Fill-Sand	Sand
VOCs																		
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.013	ND	ND	ND	ND	ND	ND	0.01 J	ND	0.032	ND	ND	ND	0.011
Acetone	0.05	500		ND	0.044	ND	ND J	ND	ND	0.0027 J	ND	0.033 J	ND	**0.083**	ND	0.0045 J	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0072 J
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0047 J	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																		
Acenaphthene	20	500		ND	ND	0.0544 J	ND	ND	ND	0.0591 J	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.0943 J	ND	0.71	0.0959 J	0.0793 J	ND	0.15 J	0.203 J	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.398	0.0974 J	0.418 J	0.335 J	0.393	0.0508 J	0.334	0.203 J	0.114 J	0.109 J	0.0918 J	0.225	ND	0.0749 J	ND
Benzo(a)pyrene	1	1		0.433 J	0.15 J	0.119 J	0.372 J	0.196	0.0608 J	0.152 J	0.22 J	0.156 J	0.129 J	0.125 J	0.264	ND	0.089 J	ND
Benzo(b)fluoranthene	1	5.6		0.522 J	0.108 J	0.484 J	0.713 J	0.252	0.0588 J	0.175 J	0.319	0.122 J	0.119 J	0.0829 J	0.248	ND J	0.0794 J	ND
Benzo(g,h,i)perylene	100	500		0.135 J	ND J	0.154 J	0.118 J	ND	ND J	ND	ND	0.121 J	ND J	ND	0.12 J	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.591 J	0.0911 J	0.437 J	**0.891 J**	0.194	0.0592 J	0.171 J	0.356	0.122 J	0.128 J	0.104 J	0.233	ND	0.0569 J	ND J
Chrysene	1	56		0.422	0.114 J	0.453 J	0.325 J	0.314	0.0573 J	0.303	0.21 J	0.134 J	0.119 J	0.1 J	0.276	ND	0.0853 J	ND
Dibenz(a,h)anthracene	0.33	0.56		ND J	ND J	ND J	0.0951 J	ND J	ND J	ND J	ND	ND	ND J	ND	0.0654 J	ND	ND	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	500		0.711	0.159 J	0.666 J	0.566 J	0.496	0.0692 J	0.739	0.338 J	0.194 J	0.183 J	0.192 J	0.48	ND J	0.113 J	ND
Fluorene	30	500		ND	ND	0.058 J	ND	ND	ND	0.0542 J	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0801 J	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND J	0.0997 J	0.15 J	0.16 J	0.0712 J	ND J	ND J	0.0751 J	0.112 J	ND J	0.0885 J	0.14 J	ND	ND	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND
Phenanthrene	100	500		0.418	0.106 J	0.735 J	0.322 J	0.237	ND	0.553	0.204 J	0.146 J	0.133 J	0.123 J	0.247	ND	0.0672 J	ND
Pyrene	100	500		0.863	0.203 J	2.35 J	0.555 J	0.455	0.108 J	0.616	0.843 J	0.224 J	0.235	0.171 J	0.544	ND	0.143 J	ND
PCBs																		
Aroclor 1248	NE	NE		ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.635	ND
Aroclor 1254	NE	NE		ND	ND J	ND	ND	ND	0.225	ND	ND	ND	0.0389	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND J	ND	ND	ND	**0.225**	ND	ND	ND	0.0389	ND	ND	ND	**0.635**	ND
Pesticides/Herbicides																		
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00982	ND
beta-BHC	0.036	3		ND	ND	ND	ND	0.00879	ND	ND	ND	ND	0.0233	ND	ND	ND	0.0222	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																		
Arsenic	13	16		5.22	5.08	6.09 J	4.08 J	5.63	6.43	5.09	4.86 J	4.43	3.35	6.54	5.06	4.95	4.81	4.23
Barium	350	400		47.3	85.6	130 J	80.3	96.9	72.5	61.7	76.9 J	91.3	65.8	91.8	87	145	68.6	89.7
Beryllium	7.2	590		ND	0.152	ND	ND	ND	ND	ND	ND	ND	ND	0.193	ND	ND	ND	0.278
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		21.8	29.5	**214**	**650 J**	**166**	20.3	**41.9**	**342**	19.3	**135**	**45.8**	**145**	23.1	**62.7**	17.7
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.34**	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		21.8 J	29.5 J	214 J	650 J	166 J	20.3 J	41.9	342 J	19.3 J	141	45.8	145	23.1	62.7	17.7
Copper	50	270		16.3	17.7	25.8	31.1 J	26	22.3	22	25.1	6.83	16.4	18.2	22.7	25.4	24.1	17.1
Lead	63	1,000		18	17.7	52.8 J	**143 J**	**108**	**134**	**140**	28.9 J	14	19	27.2	36.3	10.2	**81.9**	9.46
Manganese	1,600	10,000		346	159	834 J	529 J	915	757	568	455 J	119	338	280	545	1,040	569	149
Mercury	0.18	2.8		ND	ND	ND	ND J	0.154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	30	310		16.5	25.3	**36.6**	**60.5 J**	29.2	17.5	20.4	**42.5**	16	27.1	**38.2**	28.8	**44.2**	**41.1**	**31.1**
Selenium	3.9	1,500		1.42	2.59	3.22	ND	1.54	1.18	ND	2.18	2.85	ND	1.83	ND	ND	ND	ND
Zinc	109	10,000		90	85.4	**112**	**182 J**	**200**	**243**	**200**	88.9	68.4	61.9	95.9	73.9	55.3	**248**	85.8
Cyanide	27	27		ND J	ND J	ND J	ND J	ND J	ND J	ND	ND J	ND J	1.39	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID Sample Date Sampling Depth Units Sample Medium	LTP-55-A-20130628 6/28/2013 6-8' mg/kg Clay	LTP-55-B-20130628 6/28/2013 0-2' mg/kg Fill-Sand	FD-8-20130629 (LTP-56-B) 6/29/2013 8-10' mg/kg Clay	LTP-56-A-20130629 6/29/2013 5-7' mg/kg Sand	LTP-56-B-20130629 6/29/2013 8-10' mg/kg Clay	LTP-57-A-20130702 7/2/2013 0-2' mg/kg Fill-Sand	LTP-58 -A-20130624 6/24/2013 4-6' mg/kg Fill	LTP-58 -B-20130624 6/24/2013 6-8' mg/kg Clay	LTP-59-A-20130701 7/1/2013 3-5' mg/kg Fill-Sand	LTP-59-B-20130701 7/1/2013 6-8' mg/kg Fill-Sand	LTP-60-A-20130701 7/1/2013 0-2' mg/kg Fill-Sand	LTP-60-B-20130701 7/1/2013 3-5' mg/kg Fill-Sand/Clay	LTP-61-A-2013-06-30 6/30/2013 0.5-2' mg/kg Fill-Sand	LTP-61-B-2013-06-30 6/30/2013 4-6' mg/kg Fill-Sand/Clay	LTP-62 -A-20130624 6/24/2013 2-4' mg/kg Fill-Sand
	Unrestricted Use Objectives	Restricted Commercial																	
VOCs																			
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	0.0027 J	ND	ND	ND	ND	0.016	0.019	ND	ND	ND	ND	0.0062 J	0.0021 J	ND	ND
Acetone	0.05	500		ND	ND	ND	0.011	0.0033 J	ND	ND	**0.056 J**	**0.052**	0.01	0.012	0.024	0.028 J	0.016	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																			
Acenaphthene	20	500		ND	ND	ND J	ND	ND	ND	ND	ND	0.121 J	ND	0.285 J	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.112 J	ND	ND	ND	ND	ND	ND	ND	0.158 J	ND	0.564	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.24	0.0858 J	ND	ND	ND	0.229	0.18 J	ND	0.443	ND	**1.44**	ND	0.556	ND	0.065 J	
Benzo(a)pyrene	1	1		0.233	0.0766 J	ND	ND	ND	0.343 J	0.178 J	ND	0.5	ND	**1.23 J**	ND J	0.345	ND	0.07 J	
Benzo(b)fluoranthene	1	5.6		0.19 J	ND	ND	ND	ND	0.397 J	0.263 J	ND	0.433	ND	**1.52 J**	ND J	0.374	ND	0.0916 J	
Benzo(g,h,i)perylene	100	500		0.176 J	ND	ND	ND	ND	ND J	ND J	ND	0.261	ND	0.355 J	ND J	ND	ND	ND J	
Benzo(k)fluoranthene	0.8	56		0.185 J	0.0616 J	ND	ND	ND	0.391 J	0.298 J	ND	0.484	ND	**1.44 J**	ND J	0.33	ND	0.0875 J	
Chrysene	1	56		0.238	0.0824 J	ND	ND	ND	0.246	0.181 J	ND	0.449	ND	**1.46**	ND	0.482	ND	0.0722 J	
Dibenz(a,h)anthracene	0.33	0.56		0.0631 J	ND	ND	ND	ND	ND J	ND J	ND	0.145 J	ND	ND J	ND J	0.0489 J	ND J	ND J	
Dibenzofuran	7	350		ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	0.137 J	ND	ND	ND	ND	
Fluoranthene	100	500		0.534	0.221	ND	ND	ND	0.415	0.269	0.0857 J	0.45	ND	3.45	ND	0.597	ND	0.111 J	
Fluorene	30	500		ND	ND	ND J	ND	ND	ND	ND	ND	0.0911 J	ND	0.308 J	ND	ND	ND	ND	
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	**0.782**	ND	ND	0.113 J	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.166 J	ND	ND	ND	ND	0.0902 J	ND J	ND	0.287	ND	0.46 J	ND J	0.0825 J	ND J	ND J	
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	0.0755 J	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND J	ND	ND	ND	ND	
Phenanthrene	100	500		0.403	0.203 J	ND	ND	ND	0.273	0.14 J	ND	0.603	ND	3.01	ND	0.173 J	ND	0.0753 J	
Pyrene	100	500		0.49	0.178 J	ND	ND	ND	0.582	0.41	0.0773 J	0.529	ND	3.54	ND	0.579	ND	0.117 J	
PCBs																			
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	0.779	ND	ND J	ND	ND	0.163	ND	0.296	ND	ND	
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	
Total PCBs	0.1	1		ND	ND	ND	ND	ND	**0.779**	ND	ND	ND	ND	**0.163**	ND	**0.296**	ND	ND	
Pesticides/Herbicides																			
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
beta-BHC	0.036	3		ND	ND	ND	ND	ND	**0.288**	ND	ND	ND	ND	0.00841	ND	ND	ND	ND	
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Metals																			
Arsenic	13	16		4.22	3.22	5.64	2.7	6.6	7.48	4.39	3.47	5.62	4.32	5.02	7.21	4.16	4.73	3.41	
Barium	350	400		71.6	92.5	79.4 J	35.7	**393 J**	78.9	50.9	123	79.8	77.8	113	91.5	102	77.7	77.1	
Beryllium	7.2	590		ND	0.126	ND	ND	ND	ND	ND	0.235	ND	0.187	ND	0.512	ND	0.308	ND	
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chromium, Trivalent	30	1,500		**376**	26.2	23.8	8.86	24	23.5	**53**	**33.5**	**34.1**	18	**57.8**	19.1	**31.2**	15.4	15.1	
Chromium, Hexavalent	1	400		0.851	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chromium, Total	NE	NE		377	26.2	23.8	8.86	24	23.5	53	33.5	34.1 J	18 J	57.8 J	19.1 J	31.2	15.4	15.1	
Copper	50	270		26.3	22.7	28.7	13.8	24.1	38	25.3	34.8	16.8	18.7	24	18.9	18.1	10.7	19.2	
Lead	63	1,000		38.4	18.6	7.2	5.47	5.71	**86.9**	**66.4**	17.8	38.4	9.12	38.2	12.3	24.6	8.87	33.5	
Manganese	1,600	10,000		664	223	673	362	676	354	324	218	238	260	547	430	573	131	629	
Mercury	0.18	2.8		ND	ND	ND	ND	ND	ND	**0.346 J**	**0.538 J**	ND	ND	ND	ND	ND	ND	0.041 J	
Nickel	30	310		**45.7**	25	**35.6**	16	**38**	**33.3**	**32.8**	**44**	24.1	27.4	29	25.8	26.8	22.5	19.3	
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	2.7	1.99	2.93	2.09	**3.93**	ND	2.34	ND	
Zinc	109	10,000		73.2	68	59.1	39.3	61.7	102	**144**	**149**	**115**	83.4	**273**	92.6	**150**	70.6	**140**	
Cyanide	27	27		ND	1.81	ND	ND	ND	ND	ND	ND	ND	ND J	ND J	ND J	ND	ND	ND	

Notes:
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Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LTP-63-A-20130625	LTP-63-B-20130625	FD-1-20130625 (LTP-64-B)	LTP-64-A-20130625	LTP-64-B-20130625	LTP-65-A-20130629	LTP-66-A-20130629	LTP-66-B-20130629	FD-12-20130701 (LTP-67-B)	LTP-67-A-20130701	LTP-67-B-20130701	FD-9-20130629 (LTP-68-A)	LTP-68-A-20130629	LTP-68-B-20130629
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/29/2013	6/29/2013	6/29/2013	7/1/2013	7/1/2013	7/1/2013	6/29/2013	6/29/2013	6/29/2013
			Sampling Depth	1-3'	3-4'	3-5'	5-7'	3-5'	0-2'	5-7'	7-9'	5-7'	0-2'	5-7'	1-3'	1-3'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill	Fill	Fill-Clay	Clay	Fill-Clay	Fill	Sand	Clay	Clay	Fill-Sand	Clay	Fill-Sand	Fill-Sand	Silty Clay
VOCs																	
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		0.0048	0.0056	0.024	0.0026 J	0.026	ND	ND	0.0034 J	ND	ND	ND	ND	ND	ND
Acetone	0.05	500		0.022	0.03	**0.079**	0.023	**0.077**	0.025	ND	ND	ND	ND	ND	0.035	ND	ND
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		0.0022 J	0.016	ND J	ND	0.034 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																	
Acenaphthene	20	500		ND	0.058 J	0.0839 J	ND	ND	ND	ND	ND J	ND	0.0963 J	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND J	ND	0.0928 J	ND	ND	ND	ND
Anthracene	100	500		ND	0.137 J	0.104 J	ND	ND	ND	ND	ND	ND	0.712	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		ND	0.376	0.356	ND	0.138 J	0.076 J	ND	ND	ND J	0.716 J	ND	ND J	0.194 J	ND
Benzo(a)pyrene	1	1		ND	0.356	0.437 J	ND	0.143 J	ND J	ND	ND	ND J	0.688 J	ND J	0.149 J	0.187 J	ND
Benzo(b)fluoranthene	1	5.6		ND	0.377	0.417 J	ND	0.108 J	ND J	ND	ND	ND J	0.943 J	ND J	0.189 J	0.177 J	ND
Benzo(g,h,i)perylene	100	500		ND	0.138 J	0.249 J	ND	ND	ND J	ND	ND	ND J	0.198 J	ND J	ND J	0.116 J	ND
Benzo(k)fluoranthene	0.8	56		ND	0.383	0.38	ND	0.138 J	ND J	ND	ND	ND J	**0.953 J**	ND J	0.15 J	0.136 J	ND
Chrysene	1	56		0.0931 J	0.309	0.316	ND	0.127 J	0.0873 J	ND	ND	ND J	0.746 J	ND	0.119 J	0.155 J	ND
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	0.0697 J	ND	ND	ND J	ND J	ND	ND J	0.0982 J	ND J	ND J	0.0623 J	ND
Dibenzofuran	7	350		ND	ND	ND	ND	ND	ND	ND	ND J	ND	0.0902 J	ND	ND	ND	ND
Fluoranthene	100	500		ND	0.557	0.373	ND	0.201 J	0.179 J	ND	ND	ND J	0.856	ND	ND J	0.244 J	ND
Fluorene	30	500		ND	0.0742 J	0.0661 J	ND	ND	ND	ND	ND J	ND	0.1 J	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	0.161 J	0.251 J	ND	0.0897 J	ND J	ND J	ND	ND	ND J	0.2 J	ND J	0.105 J	ND
Naphthalene	12	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0944 J	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	500		ND	0.489	0.421 J	ND	0.147 J	0.125 J	ND	ND	ND J	0.717	ND	0.117 J	0.135 J	ND
Pyrene	100	500		ND	0.513	0.417	ND	0.15 J	0.145 J	ND	ND	ND J	1.67 J	ND	0.233	0.237	ND
PCBs																	
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0743 J	ND J	ND
Aroclor 1254	NE	NE		ND	0.108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	**0.108**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0743 J	ND J	ND
Pesticides/Herbicides																	
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0245 J	0.0144 J	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																	
Arsenic	13	16		6.15	2.52	5.89 J	1.5	3.91 J	ND	2.52	5.09	2.69 J	11.3	3.23	4.11	4.47	3.43
Barium	350	400		97.4	93	118	102	130	81.5	56.3	91.2	54.5	98.6	62.3	80.9	80.2	48.3
Beryllium	7.2	590		ND	ND	0.358 J	0.167	0.529 J	ND	ND	0.254	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		0.59	ND	ND	ND	ND	ND	ND	ND	ND	0.433	ND	0.645	ND	ND
Chromium, Trivalent	30	1,500		**32.9**	**646**	**136**	18.6	**92**	**2,590**	14.3	19.9	11.4 J	**520**	14.1	**60.6 J**	**218 J**	12.3
Chromium, Hexavalent	1	400		ND	ND	ND	ND	ND	**202**	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		32.9	646	136	18.6	92	2,790	14.3	19.9	11.4 J	520 J	14.1 J	60.6 J	218 J	12.3
Copper	50	270		23.5	22.7	38	14.4	27.8	17.4	13.4	27.2	11.3 J	**52.2**	14.8	25.2	24.8	16.6
Lead	63	1,000		24	**92.5**	46.6	**65**	35.4	14.8	6.2	12.6	5.86 J	**140**	7.22	**74.3**	**70**	8.56
Manganese	1,600	10,000		492	590	182	141	180	549	189	294	135 J	563	184	615	475	216
Mercury	0.18	2.8		0.0954 J	**0.207 J**	**0.577 J**	0.0295 J	**0.335 J**	ND	ND	ND	ND J	ND	ND	**0.615 J**	ND J	ND
Nickel	30	310		**30.1**	**80.4**	**59**	24.8	**44**	**174**	23.8	**35.8**	15.3 J	**41.2**	20.2	24.8	**31.7**	20.1
Selenium	3.9	1,500		ND	ND	2.03	ND	1.74	ND	1.3	1.9	1.64	1.52	1.73	ND	1.34	ND
Zinc	109	10,000		92.3	**181**	**121**	**351**	101	17.8	62	**181**	51.2 J	**240**	63.7	**315**	**243**	89.4
Cyanide	27	27		ND	0.75	0.865	ND	ND	ND	ND	ND	ND	ND J	ND J	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 1
Soil Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID Sample Date Sampling Depth Units Sample Medium	LTP-69-A-20130629 6/29/2013 4-5' mg/kg Fill-Silt	LTP-69-B-20130629 6/29/2013 5-7' mg/kg Clay	LTP-70-A-20130629 6/29/2013 0-2' mg/kg Fill-Sand	LTP-70-B-20130629 6/29/2013 8-10' mg/kg Clay
	Unrestricted Use Objectives	Restricted Commercial					
VOCs							
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND J	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND J	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND J	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND J	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND J	ND	ND	ND
2-Butanone	0.12	500		0.0074 J	ND	0.0033 J	ND
Acetone	0.05	500		0.049 J	ND	0.016	0.0037 J
Benzene	0.06	44		ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND
Methylene chloride	0.05	500		ND	0.0043 J	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND
sec-Butylbenzene	11	500		ND J	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND
SVOCs							
Acenaphthene	20	500		ND	ND	ND	ND
Acenaphthylene	100	500		0.0952 J	ND	ND	ND
Anthracene	100	500		0.133 J	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.425	ND	ND	ND
Benzo(a)pyrene	1	1		0.438 J	ND	ND	ND
Benzo(b)fluoranthene	1	5.6		0.583 J	ND	ND	ND
Benzo(g,h,i)perylene	100	500		ND J	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.568 J	ND	ND	ND
Chrysene	1	56		0.445	ND	ND	ND
Dibenz(a,h)anthracene	0.33	0.56		ND J	ND	ND J	ND
Dibenzofuran	7	350		0.0675 J	ND	ND	ND
Fluoranthene	100	500		0.538	ND	0.086 J	ND
Fluorene	30	500		0.058 J	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.0802 J	ND	ND J	ND
Naphthalene	12	500		0.0869 J	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND
Phenanthrene	100	500		0.481	ND	ND	ND
Pyrene	100	500		0.808	ND	0.0762 J	ND
PCBs							
Aroclor 1248	NE	NE		ND	ND	0.324	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	**0.324**	ND
Pesticides/Herbicides							
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND
Metals							
Arsenic	13	16		**13.2**	2.29	4.21	5.35
Barium	350	400		59.1	35.7	140	92.8
Beryllium	7.2	590		ND	ND	0.277	ND
Cadmium	2.5	9.3		1.24	ND	ND	ND
Chromium, Trivalent	30	1,500		**906**	8.47	24.5	22.2
Chromium, Hexavalent	1	400		ND	ND	ND	ND
Chromium, Total	NE	NE		906	8.47	24.5	22.2
Copper	50	270		**114**	5.37	17.6	26.2
Lead	63	1,000		**340**	3.89	21.8	6.63
Manganese	1,600	10,000		560	322	550	671
Mercury	0.18	2.8		ND	ND	ND	ND
Nickel	30	310		**62.1**	12.3	27.7	**35.9**
Selenium	3.9	1,500		ND	ND	ND	ND
Zinc	109	10,000		**465**	39.4	73.6	56.8
Cyanide	27	27		ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 2
Groundwater Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	Groundwater Quality Standards Part 703	Well Location Sample Date Sample Depth Units	LMW-1-20130702 7/2/2013 7' µg/L	LMW-2-20130702 7/2/2013 6.25' µg/L	LMW-3-20130702 7/2/2013 6.5' µg/L	LMW-4-20130702 7/2/2013 5.75' µg/L	LMW-5-20130702 7/2/2013 7' µg/L	LMW-6-20130702 7/2/2013 6' µg/L	LMW-7-20130702 7/2/2013 5.5' µg/L	FD-1-20130702 (LMW-8) 7/2/2013 5' µg/L	LMW-8-20130702 7/2/2013 5' µg/L
VOCs											
1,1-Dichloroethane	5		0.31 J	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5		1.4	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50		9.1 J	ND	1.4 J	ND	ND	ND	ND	4.3	4.7
Acetone	50		ND	ND	ND	ND	ND	12	ND	39	35
Benzene	1		0.33 J	ND	0.45 J	ND	ND	ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND	ND	0.41 J	ND	ND	ND
cis-1,2-Dichloroethylene	5		**59**	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10		0.43 J	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	5		ND	ND	ND	ND	ND	ND	ND	0.4 J	0.5
Toluene	5		ND	ND	0.56	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5		2	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	5		**19**	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2		**13**	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs											
Anthracene	50		ND	ND	ND	ND	ND	ND	ND	0.0632	0.0632
Benzo(k)fluoranthene	0.002		ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	**0.0526 J**
Fluoranthene	50		ND	ND	ND	ND	0.116	ND	0.0778	0.168 J	0.179
Fluorene	50		ND	ND	ND	ND J	ND	0.0947	ND	0.0632 J	0.0737
Naphthalene	10		ND	ND	ND	ND	0.0737	0.0737	ND J	0.116 J	0.126 J
Phenanthrene	50		0.0737	0.281	0.137	0.556	0.474	0.989	0.0667	1.24	1.31
Pyrene	50		ND	ND	ND	ND	0.221	ND	0.2	0.116	0.126
Pesticides/Herbicides											
beta-BHC	0.04		ND J	ND	ND	ND	ND	ND J	0.00866 J	ND	ND J
Metals (mg/L)											
Arsenic	25		ND	ND	ND	ND	ND	6	ND	ND	ND
Barium	1,000		43	47	29	37	21	ND	41	148	148
Chromium, Trivalent	NE		ND	ND	ND	ND	30	66	11	ND J	110 J
Chromium, Hexavalent	50		ND	ND	ND	ND	**1,230**	**818**	**910**	**1,220**	**1,120**
Chromium, Total	50		ND	ND	ND	ND	**1,260**	**884**	**921**	**1,220**	**1,230**
Manganese	300		**1,140**	**504**	**2,730**	**1,330**	ND	ND	ND	ND	ND
Nickel	100		ND	ND	10	5	65	47	48	63	63
Selenium	10		ND	ND	**19**	**10**	ND	ND	ND	ND	ND
Zinc	2,000		35	ND	353	ND	ND	ND	ND	ND	ND
Cyanide	200		10	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
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NE = Not established
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Indicates exceedance of the Groundwater Quality Standards Part 703

Table 3
Soil Gas Analytical Results - July 2013 Remedial Investigation
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDOH Upper Fence	Sample ID Sample Date Units	AMBIENT-1-20130701 7/1/2013 µg/m^3	LSV-2-20130701 7/1/2013 µg/m^3	LSV-5-20130701 7/1/2013 µg/m^3	FD-2-20130702 (LSV-9) 7/2/2013 µg/m^3	LSV-9-20130702 7/2/2013 µg/m^3
VOCs							
1,1,1-Trichloroethane	2.5		ND	**3.7**	**3.4**	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5		0.94	ND	ND	ND	ND
1,1-Dichloroethane	0.4		ND	**2.2**	**2**	ND	ND
1,2,4-Trimethylbenzene	9.8		6	5.6	5.3	ND	ND
1,3,5-Trimethylbenzene	3.9		2.6	2.5	2.4	ND	ND
1,3-Dichlorobenzene	0.5		**12**	**15**	**14**	ND	ND
2-Butanone	16		**21**	5.1	4.1	ND	ND
2-Hexanone	NE		1.7 J	ND J	ND J	ND J	ND J
4-Methyl-2-pentanone	1.9		**3**	ND	ND	ND	ND
Acetone	115		37	37	35	23	27
Benzene	13		7.6	**54**	**48**	**34**	**32**
Carbon disulfide	NE		15	41	36	29	26
Chlorobenzene	0.4		**1.3**	ND	ND	ND	ND
Chloroform	1.2		**4.2**	**52**	**47**	**31**	**29**
Chloromethane	4.2		ND J	2.6	2.3	ND	ND
cis-1,2-Dichloroethylene	0.4		ND	**4.5**	**3.6**	**7.9**	ND
Cyclohexane	6.3		2.7	**59**	**51**	**34**	**32**
Dichlorodifluoromethane	10		3.6	6.5	6.1	ND	ND
Ethyl Benzene	6.4		3.9	**8.9**	**8**	ND	ND
Isopropanol	NE		9.3 J	93 J	82 J	53 J	42 J
Methylene chloride	16		3.3	13	12	**16**	14
n-Heptane	18		3.4	**130**	**110**	**76**	**69**
n-Hexane	14		4.9	**100**	**88**	**60**	**55**
o-Xylene	7.1		6.4	**10**	**9.1**	ND	ND
p- & m- Xylenes	1		16	29	26	ND	15
p-Ethyltoluene	NE		4.4	ND	ND	ND	ND
Tetrachloroethylene (PCE)	2.5		**23**	**170**	**93**	**1,300**	**1,100**
Tetrahydrofuran	0.8		**1.9**	ND	ND	ND	ND
Toluene	57		17	**100**	**96**	**59**	56
trans-1,2-Dichloroethylene	NE		0.59	6.4	5.6	ND	ND
Trichloroethylene (TCE)	0.5		**2.6**	**450**	**390**	**400**	**360**
Trichlorofluoromethane	12		6.5	**33**	**32**	**24**	**20**

Notes:
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NE = Not established
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Indicates exceedance of the NYSDOH Upper Fence criteria

Table 4
Summary of Remaining Soil Contamination above Commercial SCOs
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-2-A-20130627	LSB-2-B-20130627	LSB-10-A-20130627	LSB-10-B-20130627	LSB-21-A-20130626	LSB-21-B-20130626	LSB-26-A-20130625	LSB-26-B-20130625	LSB-32-A-20130626	LSB-32-B-20130626	LSB-34-A-20130626	LSB-34-B-20130626	LSB-35-A-20130625	LSB-35-B-20130625	LSB-36-A-20130626	LSB-36-B-20130626	LSB-40-A-20130626	LSB-40-B-20130626
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/27/2013	6/27/2013	6/27/2013	6/27/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/26/2013	6/26/2013	6/26/2013
			Sampling Depth	2-4'	10-12'	1.5-4'	4-6'	2-4'	4-6'	4-6'	10-12'	3-5'	6-8'	3-4.5'	6-8'	2-4'	4-5.5'	1-3'	10-12'	4-6'	6-8'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Clay	Fill-Sand	Fill-Sand/Clay	Fill-Sand	Fill-Silty Sand	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Clay	Sand/Clay	Fill-Sand	Clay	Fill-Sand	Clay	Fill-Sand	Fill-Sand
VOCs																					
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	ND	0.0038 J	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	0.05	500		ND	ND	0.018	0.012	ND	0.021	0.035	ND	ND	ND	ND	ND	ND	ND	0.0073 J	0.0023 J	ND	0.0058 J
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	0.0049 J	ND	ND	ND	0.015	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																					
Acenaphthene	20	500		0.159 J	ND	0.218 J	ND	ND	0.341	ND	ND	ND	ND	ND	ND	0.198 J	ND	ND	ND	ND	ND
Acenaphthylene	100	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	500		0.333	ND	0.312 J	ND	ND	0.199	ND	ND	0.0886 J	ND	ND	ND	0.562	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	5.6		0.657	ND	0.768	ND	**8.56 J**	**1.14**	0.105 J	ND	0.396	ND	ND	ND	0.796	ND	0.0856 J	ND	0.171 J	ND
Benzo(a)pyrene	1	1		0.621	ND	0.573 J	ND	**7.85 J**	0.878	0.114 J	ND	0.361	ND	ND	ND	0.571	ND	0.1 J	ND	0.166 J	ND
Benzo(b)fluoranthene	1	5.6		0.506	ND	0.792 J	ND	**9.82**	**1.43**	0.115 J	ND	0.61	ND	ND	ND	0.572	ND	0.0991 J	ND	0.128 J	ND
Benzo(g,h,i)perylene	100	500		0.253	ND	ND J	ND	ND	0.167 J	ND	ND	0.149 J	ND	ND	ND	0.32	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56		0.574	ND	**0.828 J**	ND	**6.96 J**	**1.24**	0.148 J	ND	0.51	ND	ND	ND	0.514	ND	0.0912 J	ND	0.149 J	ND
Chrysene	1	56		0.59	ND	0.707	ND	**18.5**	0.979 J	0.102 J	ND	0.539	ND	ND	ND	0.705	ND	0.154 J	ND	0.258 J	ND
Dibenz(a,h)anthracene	0.33	0.56		0.104 J	ND	ND J	ND	ND	0.0929 J	ND	ND	0.0874 J	ND	ND	ND	0.173 J	ND	ND	ND	ND	ND
Dibenzofuran	7	350		0.079 J	ND	0.118 J	ND	ND	0.224	ND	ND	ND	ND	ND	ND	0.347	ND	ND	ND	ND	0.162 J
Fluoranthene	100	500		1.54	ND	1.19	ND	22.8	1.18 J	0.106 J	ND	0.623	ND	ND	ND	1.7	ND	0.237	ND	0.533 J	ND
Fluorene	30	500		0.158 J	ND	0.15 J	ND	ND	0.223	ND	ND	ND	ND	ND	ND	0.166 J	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		0.286	ND	ND J	ND	**2.66 J**	0.203	ND	ND	0.151 J	ND	ND	ND	0.336	ND	ND	ND	0.0749 J	ND
Naphthalene	12	500		0.106 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.135 J	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND	ND	ND	ND	ND J	ND	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND J	ND J	ND J	ND J
Phenanthrene	100	500		1.12	ND	0.868	ND	9.5	1.45	0.117 J	ND	0.403	ND	ND	ND	3.52	ND	0.151 J	ND	0.345 J	0.442 J
Pyrene	100	500		1.33	ND	1.13	ND	26	1.47 J	0.126 J	ND	0.79 J	ND	ND	ND	1.31	ND	0.233	ND	0.487 J	ND
PCBs																					
Aroclor 1248	NE	NE		ND	ND	ND	ND	0.996	0.0602	1.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	NE	NE		ND	ND	0.0805	ND	ND	ND	ND	ND	0.441	ND	ND	ND	ND	ND	ND	ND	0.0513	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	0.0805	ND	**0.996**	0.0602	**1.71**	ND	**0.441**	ND	ND	ND	ND	ND	ND	ND	0.0513	ND
Pesticides/Herbicides																					
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0477	ND	ND	ND J	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	0.00475	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	0.00571	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																					
Arsenic	13	16		**21.8**	5.25	5.34	6.75	7.62	2.77	6.38	4.27	ND	1.97	ND	2.13	ND	5.38	ND	5.8	ND	2.15
Barium	350	400		63	44.6	314	56.7	81.1	62.5	91.9	146	116	47.8	58.2	44.7	192	35.1	83.3	109	58.3	40
Beryllium	7.2	590		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3		ND	ND	1.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		25.5	18	**145**	12	**94.1**	**139**	**224**	26.9	**2,860**	12.1	**1,500**	12.3	**4,730**	14.6	**4,320**	**65.5**	**4,980**	14.6
Chromium, Hexavalent	1	400		ND	ND	ND J	ND J	ND	ND	ND	ND	**3.04**	ND	**47.8**	ND	**87.3**	ND	**150**	ND	**55.1**	ND
Chromium, Total	NE	NE		25.5	18	145	12	94.1	139	224	26.9	2,860	12.1	1,550	12.3	4,820	14.6	4,470	65.5	5,040	14.6
Copper	50	270		18 J	23.4 J	**138**	32.6	**146**	**56.4**	**94.1**	21.6	30.2	11.6	13.6	10.1	32.3	25.2	20.6	25.8	26.2	12.6
Lead	63	1,000		22.4	8.19	**11,900**	9.89	43.8	18.5	**75**	9.38	46	5.62	10.7	5.98	19.9	6.17	32.8	10.8	12.2	4.75
Manganese	1,600	10,000		274	512	308	387	394	318	810	577	**2,760**	312	300	394	**6,970**	727	988	358	1,230	437
Mercury	0.18	2.8		ND	ND	0.169	ND	**0.43 J**	0.0537 J	**0.799 J**	0.0117 J	**0.423 J**	0.0139 J	**0.258 J**	0.0158 J	**0.196 J**	0.019 J	**3.86**	0.02	**0.759 J**	0.0174 J
Nickel	30	310		22.7	29.3	**35.1**	23.2	**92.5**	**39.9**	**57.8**	**37.8**	**150**	17.2	**114**	20.5	**254**	19.7	**252**	**40**	**739**	18.2
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.36	ND	ND	ND	ND	ND
Zinc	109	10,000		60.8	51.1	**233**	95.7	**137**	90.1	**138**	59.1	92.1	49	46.8	49.9	40	48.4	22.3	64	8.65	42.4
Cyanide	27	27		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 4
Summary of Remaining Soil Contamination above Commercial SCOs
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID	LSB-43-A-20130625	LSB-43-B-20130625	LSB-46-A-20130626	LSB-46-B-20130626	LSB-57-A-20130702	LSB-57-B-20130702	LSB-61-A-20130625	LSB-61-B-20130625	LSB-76-A-20130628	LSB-76-B-20130628	LTP-21-A-20130627	LTP-21-B-20130627	FD-4-20130627 (LTP-22-A)	LTP-22-A-20130627	LTP-24-A-20130702	LTP-24-B-20130702	LTP-33-A-20130702	LTP-33-B-20130702
	Unrestricted Use Objectives	Restricted Commercial	Sample Date	6/25/2013	6/25/2013	6/26/2013	6/26/2013	7/2/2013	7/2/2013	6/25/2013	6/25/2013	6/28/2013	6/28/2013	6/27/2013	6/27/2013	6/27/2013	6/27/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013
			Sampling Depth	2-4'	6-8'	2-4'	4-6'	2-4'	5-7'	1.5-3.5'	6-8'	2-4'	4-6'	3-5'	5-7'	2-4'	2-4'	0-2'	3-5'	3-5'	5-7'
			Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Sample Medium	Fill-Sand	Clay	Fill-Sand	Sand	Fill-Sand	Fill-Silty Sand	Fill-Sand	Sand	Fill-Sand	Sand	Fill-Sand	Sand	Fill-Sand	Fill-Sand	Fill-Sand	Fill-Clay	Fill-Sand/Silt	Silty Clay
VOCs																					
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	ND	0.0074 J	ND	0.0077	0.0072	ND	ND	0.0077	0.0027 J	0.0066	0.011	0.0057	0.005 J	ND	0.0082	ND	0.0026 J
Acetone	0.05	500		ND	ND	0.025 J	0.012 J	0.028	0.023	ND	ND	0.03	ND	0.026	**0.05**	0.031	0.031	ND	0.03	0.041	0.023
Benzene	0.06	44		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																					
Acenaphthene	20	500		ND	ND	0.232	ND	0.13 J	0.541	ND	ND	ND	ND	0.333 J	0.101 J	ND J	0.209 J	0.0871 J	ND	2.19	ND
Acenaphthylene	100	500		ND	ND	ND	ND	0.0557 J	0.159 J	ND	ND	ND	ND	ND	ND	ND	0.132 J	0.0582 J	ND	2.05	ND
Anthracene	100	500		ND	ND	0.512	ND	0.35	1.05	ND	ND	0.114 J	ND	0.617	0.192 J	ND J	0.459 J	0.332	ND	10	0.078 J
Benzo(a)anthracene	1	5.6		ND	ND	**1.9**	ND	0.887	**2.56**	0.0964 J	ND	0.283 J	ND	**1.5 J**	0.628	0.195 J	**1.3 J**	**1.21**	ND	**25.3**	0.184 J
Benzo(a)pyrene	1	1		ND	ND	**1.93**	ND	0.966 J	**3.79 J**	0.0606 J	ND	0.383 J	ND	**1.22**	0.551	0.18 J	**1.21 J**	**1.21**	ND	**23**	0.188 J
Benzo(b)fluoranthene	1	5.6		ND	ND	**2.15**	ND	0.577 J	**3.24 J**	0.125 J	ND	0.443 J	ND	**1.21 J**	0.429	0.227 J	**1.22 J**	**1.46**	ND	**21.3**	0.162 J
Benzo(g,h,i)perylene	100	500		ND	ND	0.699	ND	0.24 J	0.544 J	ND	ND	ND J	ND	0.277 J	ND	ND	0.204 J	0.423	ND	11.2	ND
Benzo(k)fluoranthene	0.8	56		ND	ND	**1.86**	ND	**0.838 J**	**3.2 J**	0.0859 J	ND	0.347 J	ND	**1.39 J**	0.472	0.242 J	**1.6 J**	**0.959**	ND	**17.1**	0.203
Chrysene	1	56		ND	ND	**2.47**	ND	0.87	**3.28**	0.177 J	ND	0.372 J	ND	**1.21**	0.512	0.182 J	**1.12 J**	**1.16**	ND	**20.9**	0.167 J
Dibenz(a,h)anthracene	0.33	0.56		ND	ND	**0.442**	ND	ND J	0.291 J	ND	ND	ND J	ND	ND J	0.0776 J	ND	ND J	0.22	ND	**2.37**	ND
Dibenzofuran	7	350		ND	ND	0.129 J	ND	0.0616 J	ND	ND	ND	ND	ND	0.112 J	ND	ND	ND J	ND	ND	1.82	ND
Fluoranthene	100	500		0.0841 J	ND	2.8	ND	2.24	5.9	0.277	ND	0.579 J	ND	2.74	0.978	0.344 J	2.12 J	3.04	ND	42.5	0.372
Fluorene	30	500		ND	ND	0.253	ND	0.132 J	0.513	ND	ND	ND	ND	0.307 J	0.0748 J	ND J	0.21 J	0.0951 J	ND	3.42	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		ND	ND	**0.783**	ND	0.282 J	**0.65 J**	ND	ND	0.0667 J	ND	0.394 J	0.277	ND J	0.257 J	**0.535**	ND	**12.6**	0.0674 J
Naphthalene	12	500		ND	ND	0.0795 J	ND	ND	0.343	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	1.01	ND
Pentachlorophenol	0.8	6.7		ND J	ND	ND	ND	ND J	ND J	ND J	ND	ND J	ND	ND	ND	ND	ND	ND J	ND J	ND J	ND J
Phenanthrene	100	500		0.0576 J	ND	1.88	ND	1.02	3.96	0.234	ND	0.307	ND	1.91	0.624	0.217 J	1.33 J	1.38	ND	34.1	0.255
Pyrene	100	500		0.0588 J	ND	3.31 J	ND	1.96	5.97	0.178 J	ND	0.87 J	ND	2.21	0.83	0.289 J	1.82 J	2.3	ND	32.9	0.308
PCBs																					
Aroclor 1248	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.103	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND	ND	0.698	ND	ND	ND	0.51	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	ND	ND	ND	ND	**0.698**	ND	ND	ND	**0.51**	ND	ND	ND	ND	ND	**0.103**	ND
Pesticides/Herbicides																					
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	0.00412	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00614	ND
beta-BHC	0.036	3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0663**	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																					
Arsenic	13	16		ND	4.56	5.72	3.21	4.73	12.3	ND	4.23	ND	5.36	6.95	4.41	ND J	5.01 J	7.75	4.28	5.69	2
Barium	350	400		46.6	71.2	86.2	74.9	110	150	113	87.8	101	38.4	182	305	104 J	**477 J**	94.9	133	215	53.3
Beryllium	7.2	590		ND	ND	ND	0.25	ND	ND	ND	0.232	ND	ND	ND	ND	ND	ND	ND	0.228	ND	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND	1.63	ND	ND	ND	ND	2.15	ND	0.556	ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		**2,370**	20.8	**158**	16.8	**60**	**35.4**	**4,330**	**57.2**	**3,140**	11.3	**75.8**	**345**	**1,740 J**	**87.5 J**	**246**	26	**329**	12.6
Chromium, Hexavalent	1	400		**11.1**	ND	ND	ND	ND	ND	**364**	ND	ND	ND	ND J	ND J	ND J	ND	ND	ND	ND	ND
Chromium, Total	NE	NE		2,381	20.8	158	16.8	60	35.4	4,694	57.2	3,140	11.3	75.8	345	1,740 J	87.5 J	246	26	329	12.6
Copper	50	270		12.3	19.3	29.6	11.6	20.3	33.9	12.7	20.8	**94.3**	17.5	**68.9**	**51**	33.2	35.8	32.6	11.8	29.9	12
Lead	63	1,000		14.3	6.49	50.8	9.66	25	**181**	20.9	11.2	**80.4**	6.17	**144**	**98**	54 J	**189 J**	**92.9**	16.4	**244**	5.35
Manganese	1,600	10,000		711	442	690	131	458	300	**1,630**	207	1,010	358	582	676	738	1,240	601	1,220	854	182
Mercury	0.18	2.8		0.021	0.0131 J	**0.185**	0.0269	ND	ND	**0.248 J**	0.0275	ND	ND	**0.272**	ND	ND	ND	ND	ND	ND	ND
Nickel	30	310		**154**	24.4	**49.9**	26.3	29.4	27.7	**220**	**33.7**	**2,440**	20	**39.9**	**184**	**170 J**	**32.7 J**	**45.8**	21.3	**73.9**	19.5
Selenium	3.9	1,500		ND	ND	ND	ND	ND	ND	ND	ND	1.63	ND	ND	ND	ND	ND	1.23	3.01	ND	ND
Zinc	109	10,000		16.9	45.6 J	**110**	74.3	**181**	**464**	24 J	**128 J**	**232**	55.4	**631**	**154**	**600 J**	**197 J**	97.5	94	**232**	52.6
Cyanide	27	27		ND	ND	ND	ND	ND	2.37	ND	ND	ND	ND	ND	0.594	ND	0.795	ND	ND	1.07	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 4
Summary of Remaining Soil Contamination above Commercial SCOs
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No.: 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		Sample ID Sample Date Sampling Depth Units	LTP-37-A-20130702 7/2/2013 2-4' mg/kg	LTP-37-B-20130702 7/2/2013 8-10' mg/kg	LTP-60-A-20130701 7/1/2013 0-2' mg/kg	LTP-60-B-20130701 7/1/2013 3-5' mg/kg	LTP-65-A-20130629 6/29/2013 0-2' mg/kg
	Unrestricted Use Objectives	Restricted Commercial	Sample Medium	Fill	Clay	Fill-Sand	Fill-Sand/Clay	Fill
VOCs								
1,1-Dichloroethane	0.27	240		ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	190		ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	500		ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	190		ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	280		ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	130		ND	ND	ND	ND	ND
2-Butanone	0.12	500		ND	ND	ND	ND	ND
Acetone	0.05	500		ND	ND	0.012	0.024	0.025
Benzene	0.06	44		ND	ND	ND	ND	ND
Chlorobenzene	1.1	500		ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	500		ND	ND	ND	ND	ND
Ethyl Benzene	1	390		ND	ND	ND	ND	ND
Methylene chloride	0.05	500		ND	ND	ND	ND	ND
o-Xylene	0.26	500		ND	ND	ND	ND	ND
p- & m- Xylenes	0.26	600		ND	ND	ND	ND	ND
sec-Butylbenzene	11	500		ND	ND	ND	ND	ND
Toluene	0.7	500		ND	ND	ND	ND	ND
Trichloroethylene (TCE)	0.47	200		ND	ND	ND	ND	ND
Vinyl Chloride	0.02	13		ND	ND	ND	ND	ND
Xylenes, Total	0.26	500		ND	ND	ND	ND	ND
SVOCs								
Acenaphthene	20	500		0.456	ND	0.285 J	ND	ND
Acenaphthylene	100	500		0.161 J	ND	ND	ND	ND
Anthracene	100	500		1.14	ND	0.564	ND	ND
Benzo(a)anthracene	1	5.6		**3.13 J**	ND J	**1.44**	ND	0.076 J
Benzo(a)pyrene	1	1		**2.74 J**	ND J	**1.23 J**	ND J	ND J
Benzo(b)fluoranthene	1	5.6		**1.91 J**	ND J	**1.52 J**	ND J	ND J
Benzo(g,h,i)perylene	100	500		0.386 J	ND J	0.355 J	ND J	ND J
Benzo(k)fluoranthene	0.8	56		**2.3 J**	ND J	**1.44 J**	ND J	ND J
Chrysene	1	56		**2.61 J**	ND J	**1.46**	ND	0.0873 J
Dibenz(a,h)anthracene	0.33	0.56		0.264 J	ND J	ND J	ND J	ND J
Dibenzofuran	7	350		0.262	ND	0.137 J	ND	ND
Fluoranthene	100	500		6.02	ND	3.45	ND	0.179 J
Fluorene	30	500		0.647	ND	0.308 J	ND	ND
Hexachlorobenzene	0.33	6		ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	0.5	5.6		**0.579 J**	ND J	0.46 J	ND J	ND J
Naphthalene	12	500		0.0815 J	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7		ND J	ND J	ND J	ND	ND J
Phenanthrene	100	500		5.48	ND	3.01	ND	0.125 J
Pyrene	100	500		4.59	ND	3.54	ND	0.145 J
PCBs								
Aroclor 1248	NE	NE		ND	ND	0.163	ND	ND
Aroclor 1254	NE	NE		ND	ND	ND	ND	ND
Aroclor 1260	NE	NE		ND	ND	ND	ND	ND
Total PCBs	0.1	1		ND	ND	**0.163**	ND	ND
Pesticides/Herbicides								
2,4,5-TP (Silvex)	3.8	500		ND	ND	ND	ND	ND J
4,4'-DDD	0.0033	92		ND	ND	ND	ND	ND
4,4'-DDE	0.0033	62		ND	ND	ND	ND	ND
4,4'-DDT	0.0033	47		ND	ND	ND	ND	ND
alpha-BHC	0.02	3.4		ND	ND	ND	ND	ND
beta-BHC	0.036	3		ND	ND	0.00841	ND	ND
delta-BHC	0.04	500		ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	9.2		ND	ND	ND	ND	ND
Metals								
Arsenic	13	16		9.04	5.58	5.02	7.21	ND
Barium	350	400		136	152	113	91.5	81.5
Beryllium	7.2	590		ND	ND	ND	0.512	ND
Cadmium	2.5	9.3		ND	ND	ND	ND	ND
Chromium, Trivalent	30	1,500		21.6	28.6	**57.8**	19.1	**2,590**
Chromium, Hexavalent	1	400		ND	ND	ND	ND	**202**
Chromium, Total	NE	NE		21.6	28.6	57.8 J	19.1 J	2,790
Copper	50	270		**117**	27.2	24	18.9	17.4
Lead	63	1,000		**64.4**	9.23	38.2	12.3	14.8
Manganese	1,600	10,000		241	607	547	430	549
Mercury	0.18	2.8		ND	ND	ND	ND	ND
Nickel	30	310		20.3	**39.3**	29	25.8	**174**
Selenium	3.9	1,500		2.57	ND	2.09	**3.93**	ND
Zinc	109	10,000		**207**	70.8	**273**	92.6	17.8
Cyanide	27	27		0.719	ND	ND J	ND J	ND

Notes:
ND = Not detected above laboratory reporting limits
NE = Not established
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration

Indicates exceedance of the Unrestricted Use Objectives
Indicates exceedance of the Restricted Commercial Objectives

Table 5
Summary of Post-Excavation Soil Samples – PCB Hotspot
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No. 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		South-SW-1 12/19/2013 3.5-4.5' mg/kg	DUP-1 (South-SW-1) 12/19/2013 3.5-4.5' mg/kg	South-SW-2 12/19/2013 3.5-4.5' mg/kg	West-SW-1 12/19/2013 3.5-4.5' mg/kg	West-SW-2 12/19/2013 3.5-4.5' mg/kg	North-SW-1 12/19/2013 3.5-4.5' mg/kg	North-SW-2 12/19/2013 3.5-4.5' mg/kg	East-SW-1 12/19/2013 3.5-4.5' mg/kg	East-SW-2 12/19/2013 3.5-4.5' mg/kg	Bottom-1 12/19/2013 3.5-4.5' mg/kg	Bottom-2 12/19/2013 3.5-4.5' mg/kg
	Unrestricted Use (mg/kg)	Restricted Commercial (mg/kg)											
Sample Medium			Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand	Silty sand
PCBs (mg/kg)	0.1	1	ND<0.0258	ND<0.0249	ND<0.024	ND<0.0202	ND<0.0194	ND<0.0218	ND<0.0212	ND<0.0247	ND<0.0236	ND<0.021	ND<0.0208

Notes:
ND = Not detected above laboratory reporting limits

Indicates exceedance of the Part 375 Unrestricted Use Objectives
Indicates exceedance of the Part 375 Restricted Commercial Objectives

Table 6
Summary of Post-Excavation Soil Samples - Hazardous Chromium Hotspot
1705 Factory Outlet Boulevard
Niagara, New York
Langan Project No. 140091402

Parameters	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		RCRA Hazardous Waste Criteria	CR-NW-1 9/29/2014	CR-SW-1 9/18/2014	CR-EW-1 9/18/2014	DUP-CR-1 (CR-EW-1) 9/18/2014	CR-EW-2 9/18/2014	CR-EW-3 9/18/2014	CR-EW-4 9/29/2014	CR-WW-1 9/18/2014	CR-WW-2 9/18/2014	CR-WW-3 9/18/2014	CR-WW-4 9/29/2014	CR-B-1 9/18/2014	CR-B-2 9/29/2014
	Unrestricted Use (mg/kg)	Restricted Commercial (mg/kg)		5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	5-6'	7'	7'
Chromium, trivalent (mg/kg)	30	1,500	–	**1,020**	8.34	13.4	8.17	12.8	10.9	**2,400**	10.8	9.43	13.9	**2,400**	12.1	6.44
Chromium, hexavalent (mg/kg)	1	400	–	**20.7**	ND<0.595	ND<0.587	ND<0.576	ND<5.82	ND<0.591	**28.5**	ND<0.598	ND<0.601	ND<0.608	**43.4**	ND<0.573	ND<0.577
Chromium, total (mg/kg)	–	–	–	1,040	8.34	13.4	8.17	12.8	10.9	2,430	10.8	9.43	13.9	2,440	12.1	6.44
TCLP Chromium (mg/L)	–	–	5	0.876	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.560	ND<0.005	ND<0.005	ND<0.005	1.08	ND<0.005	ND<0.005

Notes:
ND = Not detected above laboratory reporting limits

Indicates exceedance of the Part 375 Unrestricted Use Objectives
Indicates exceedance of the Part 375 Restricted Commercial Objectives