TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	F-3		F-4		F-5		F-6		F-7		F-8		F-9		F-10		F-11		F-11	
		8-10 ft		2-4 ft		2-4 ft		2-4 ft		2-4 ft		0-2 ft		6-8 ft		2-4 ft		4-6 ft		6-8 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	600	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2 Trichloroethane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	200	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	400	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	100	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene	300	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2 Dichloropropane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Butanone	300	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	1000	10	JU	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	200	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzene	60	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	2700	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	600	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	1700	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	1900	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	300	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3 Dichloropropene		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	5500	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	100	10	U	11	U	11	U	10	U	10	U	10	U	11	U	10	U	10	U	9	BJ
Styrene		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	1400	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	1500	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3 Dichloropropene		10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	700	10	U	11	U	11	U	10	U	3	J	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	200	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes	1200	10	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Total	10000		U		U		U		U	3			U		U		U		U		U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	F-13		G-1		G-2		G-3		G-4		G-4		G-4		G-5		G-6		G-7	
		0-2 ft		4-6 ft		2-4 ft		8-10 ft		2-4 ft		8-10 ft		12-14 ft		2-4 ft		2-4 ft		0-2 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
1,1,2,2-Tetrachloroethane	600	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
1,1,2 Trichloroethane		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
1,1-Dichloroethane	200	10	U	10	U	11	U	11	U	20		2	J	11	U	10	U	11	U	11	U
1,1-Dichloroethene	400	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
1,2-Dichloroethane	100	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
1,2-Dichloroethene	300	10	U	1	J	11	U	11	U	100		14	U	11	U	10	U	11	U	11	U
1,2 Dichloropropane		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
2-Butanone	300	10	U	10	U	11	U	11	U	13	U	30		31		10	U	11	U	11	U
2-Hexanone		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
4-Methyl-2-Pentanone	1000	10	JU	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Acetone	200	10	U	10	U	16		29		13	U	140		98		10	U	11	U	11	U
Benzene	60	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Bromodichloromethane		10	U	10	U	11	U	11	U	13	U	14	U	45	J	10	U	11	U	11	U
Bromoform		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Bromomethane		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Carbon Disulfide	2700	10	U	10	U	11	JU	11	U	13	U	6	J	3	J	10	U	11	U	11	U
Carbon Tetrachloride	600	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Chlorobenzene	1700	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Chloroethane	1900	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Chloroform	300	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Chloromethane		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
cis-1,3 Dichloropropene		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Dibromochloromethane		10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Ethylbenzene	5500	10	U	10	U	11	U	11	U	13	U	14	U	51		10	U	11	U	11	U
Methylene chloride	100	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Styrene		10	U	10	U	11	U	11	U	13	U	14	U	70	J	10	U	11	U	11	U
Tetrachloroethene	1400	10	U	10	U	11	U	11	U	13	U	14	U	11	U	10	U	11	U	11	U
Toluene	1500	10	U	10	U	11	U	11	U	13	U	3	J	11	U	10	U	11	U	11	U
trans-1,3 Dichloropropene		10	U	10	U	11	U	11	U	13	U	14	U	12		10	U	11	U	11	U
Trichloroethene	700	10	U	4	J	11	U	11	U	4	J	14	U	11	U	10	U	5	J	11	U
Vinyl chloride	200	10	U	10	U	11	U	11	U	5	J	14	U	11	U	10	U	11	U	11	U
Xylenes	1200	10	U	10	U	11	U	5	J	13	U	14	U	69		10	U	11	U	11	U
Total	10000		U	5		16		34		129		175		379			U	5			U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	G-8		G-9		G-10		G-11		G-14		H-1		H-2		H-3		H-3		H-4	
		0-2 ft		8-10 ft		2-4 ft		4-6 ft		2-4 ft		0-2 ft		2-4 ft		2-4 ft		4-6 ft		2-4 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	600	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,1,2 Trichloroethane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	200	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	400	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	100	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene	300	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
1,2 Dichloropropane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
2-Butanone	300	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
2-Hexanone		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	1000	11	U	10	U	11	U	10	JU	10	U	11	U	10	U	10	U	10	U	10	U
Acetone	200	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Benzene	60	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Bromodichloromethane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Bromoform		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Bromomethane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Carbon Disulfide	2700	11	U	10	U	11	U	10	U	10	U	11	U	10	JU	10	U	10	U	10	U
Carbon Tetrachloride	600	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Chlorobenzene	1700	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Chloroethane	1900	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Chloroform	300	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Chloromethane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
cis-1,3 Dichloropropene		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Dibromochloromethane		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Ethylbenzene	5500	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Methylene chloride	100	11	U	10	U	11	U	10	U	10	U	11	JU	10	U	10	U	15	U	10	U
Styrene		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Tetrachloroethene	1400	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Toluene	1500	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
trans-1,3 Dichloropropene		11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Trichloroethene	700	11	U	10	U	11	U	10	U	10	U	3	J	10	U	10	U	10	U	9	J
Vinyl chloride	200	11	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	U	10	U
Xylenes	1200	11	U	10	U	11	U	10	U	10	U	5	J	10	U	10	U	10	U	10	U
Total	10000		U		U		U		U		U	8			U		U		U	9	

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	H-5		H-6		H-7		H-7		H-8		H-9		H-10		H-12		H-13		H-14	
		2-4 ft		2-4 ft		0-2 ft		48-50 ft		0-2 ft		18-20 ft		4-6 ft		2-4 ft		58-60 ft		6-8 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,1,2,2-Tetrachloroethane	600	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,1,2 Trichloroethane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,1-Dichloroethane	200	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,1-Dichloroethene	400	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,2-Dichloroethane	100	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,2-Dichloroethene	300	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
1,2 Dichloropropane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
2-Butanone	300	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
2-Hexanone		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
4-Methyl-2-Pentanone	1000	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Acetone	200	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Benzene	60	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Bromodichloromethane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Bromoform		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Bromomethane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Carbon Disulfide	2700	10	U	10	U	10	JU	12	JU	10	U	10	U	10	U	10	U	12	U	10	U
Carbon Tetrachloride	600	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Chlorobenzene	1700	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Chloroethane	1900	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Chloroform	300	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Chloromethane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
cis-1,3 Dichloropropene		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Dibromochloromethane		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Ethylbenzene	5500	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Methylene chloride	100	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Styrene		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Tetrachloroethene	1400	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Toluene	1500	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
trans-1,3 Dichloropropene		10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Trichloroethene	700	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Vinyl chloride	200	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Xylenes	1200	10	U	10	U	10	U	12	U	10	U	10	U	10	U	10	U	12	U	10	U
Total	10000		U		U		U		U		U		U		U		U		U		U

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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	I-1	I-1	I-2	I-3	I-4	I-5	I-6	I-7	I-8	I-9
		4-6 ft	18-20 ft	2-4 ft	2-4 ft	2-4 ft	2-4 ft	2-4 ft	6-8 ft	0-2 ft	6-8 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	600	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,1,2 Trichloroethane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,1-Dichloroethane	200	84	34	3 J	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,1-Dichloroethene	400	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,2-Dichloroethane	100	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
1,2-Dichloroethene	300	11 U	12	160 D	11 U	10 U	10 U	11 U	10 U	3 J	10 U
1,2 Dichloropropane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
2-Butanone	300	36	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
2-Hexanone		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	1000	11 U	12 U	11 U	11 JU	10 U	10 U	11 U	10 U	10 U	10 U
Acetone	200	110	44	49	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Benzene	60	2 J	1 J	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Bromodichloromethane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Bromoform		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Bromomethane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Carbon Disulfide	2700	28 J	3 J	11 U	11 U	10 U	10 U	11 U	10 U	2 J	10 U
Carbon Tetrachloride	600	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Chlorobenzene	1700	11 U	60	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Chloroethane	1900	11 U	35	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Chloroform	300	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Chloromethane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
cis-1,3 Dichloropropene		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Dibromochloromethane		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Ethylbenzene	5500	1400 D	130	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Methylene chloride	100	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Styrene		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Tetrachloroethene	1400	11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Toluene	1500	940 D	130	7 J	11 U	10 U	10 U	11 U	10 U	10 U	10 U
trans-1,3 Dichloropropene		11 U	12 U	11 U	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Trichloroethene	700	11 U	7 J	25	3 J	10 U	10 U	11 U	10 U	2 J	10 U
Vinyl chloride	200	11 U	15	5 J	11 U	10 U	10 U	11 U	10 U	10 U	10 U
Xylenes	1200	3300 D	340	9 J	11 U	10 U	10 U	11 U		3 J	10 U
Total	10000	5900	811	258	3	U	U	U	U	10	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	I-10		I-10		I-10		I-11		I-12		J-1		J-2		J-3		J-4		J-5	
		2-4 ft		4-6 ft		6-8 ft		6-8 ft		6-8 ft		48-50 ft		8-10 ft		58-60 ft		0-2 ft		8-10 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	11	U	11	U	11	U	10	U	10	U	4	J	56	U	11	U	11	U	10	U
1,1,2,2-Tetrachloroethane	600	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
1,1,2 Trichloroethane		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
1,1-Dichloroethane	200	11	U	11	U	11	U	10	U	10	U	10	J	56	U	11	U	11	U	10	U
1,1-Dichloroethene	400	11	U	11	U	11	U	10	U	10	U	3	J	56	U	11	U	11	U	10	U
1,2-Dichloroethane	100	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
1,2-Dichloroethene	300	1	J	11	U	11	U	10	U	10	U	760	DJ	10	J	11	U	11	U	10	U
1,2 Dichloropropane		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
2-Butanone	300	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
2-Hexanone		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
4-Methyl-2-Pentanone	1000	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Acetone	200	11	U	11	U	27	J	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Benzene	60	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Bromodichloromethane		11	U	11	U	11	U	10	U	10	U	12	U	170	J	11	U	11	U	10	U
Bromoform		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Bromomethane		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Carbon Disulfide	2700	11	U	7	J	6	J	10	U	10	U	12	U	56	JU	7	U	11	U	10	U
Carbon Tetrachloride	600	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Chlorobenzene	1700	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Chloroethane	1900	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Chloroform	300	11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Chloromethane		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
cis-1,3 Dichloropropene		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Dibromochloromethane		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Ethylbenzene	5500	11	U	3	JN	7	J	10	U	10	U	3	J	14	J	3	U	11	U	10	U
Methylene chloride	100	11	U	11	U	11	U	10	U	10	U	12	U	56	U	12	U	9	BJ	25	UB
Styrene		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Tetrachloroethene	1400	11	U	11	U	11	U	10	U	10	U	20		56	U	11	U	11	U	10	U
Toluene	1500	11	U	11	U	11	U	10	U	10	U	130		13	J	11	U	11	U	10	U
trans-1,3 Dichloropropene		11	U	11	U	11	U	10	U	10	U	12	U	56	U	11	U	11	U	10	U
Trichloroethene	700	11	U	11	U	11	U	10	U	10	U	17000	D	56	U	11	U	11	U	10	U
Vinyl chloride	200	11	U	11	U	11	U	10	U	10	U	7	J	56	U	11	U	11	U	10	U
Xylenes	1200	11	U	18		43		10	U	10	U	24		82		18	U	11	U	10	U
Total	10000	1		10		83			U		U	17972		207			U		U		U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	J-6		J-7		J-8		J-9		J-10		K-4		K-5		K-5		K-6		K-6	
		2-4 ft		0-2 ft		0-2 ft		6-8 ft		0-2 ft		8-10 ft		4-6 ft		8-10 ft		2-4 ft		6-8 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,1,2,2-Tetrachloroethane	600	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,1,2 Trichloroethane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,1-Dichloroethane	200	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,1-Dichloroethene	400	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,2-Dichloroethane	100	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
1,2-Dichloroethene	300	4	J	11	U	2	J	10	U	10	U	10	U	10	U	10	U	10	U	2	J
1,2 Dichloropropane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
2-Butanone	300	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
2-Hexanone		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
4-Methyl-2-Pentanone	1000	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Acetone	200	12	U	11	U	27	J	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Benzene	60	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Bromodichloromethane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Bromoform		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Bromomethane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Carbon Disulfide	2700	12	U	11	U	4	J	10	U	10	U	10	U	10	U	10	U	10	U	2	J
Carbon Tetrachloride	600	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Chlorobenzene	1700	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Chloroethane	1900	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Chloroform	300	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Chloromethane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
cis-1,3 Dichloropropene		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Dibromochloromethane		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Ethylbenzene	5500	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Methylene chloride	100	12	U	11	U	12	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Styrene		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Tetrachloroethene	1400	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Toluene	1500	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
trans-1,3 Dichloropropene		12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Trichloroethene	700	4	J	11	U	1	J	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Vinyl chloride	200	12	U	11	U	11	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U
Xylenes	1200	12	U	11	U	11	U	10	U	10	U	10	U	6	J	10	U	3	J	11	U
Total	10000	8			U	34			U		U		U	6			U	3		4	

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	K-6	K-7	K-8	K-9	L-4	L-5	L-6	L-7	L-8	L-9
		8-10 ft	6-8 ft	18-20 ft	6-8 ft	0-2 ft	18-20 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,1,2,2-Tetrachloroethane	600	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,1,2 Trichloroethane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,1-Dichloroethane	200	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,1-Dichloroethene	400	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,2-Dichloroethane	100	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
1,2-Dichloroethene	300	3 J	10 U	11 U	1 J	10 U	11 U	10 U	11 U	10 U	11 U
1,2 Dichloropropane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
2-Butanone	300	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
2-Hexanone		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
4-Methyl-2-Pentanone	1000	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Acetone	200	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Benzene	60	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Bromodichloromethane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Bromoform		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Bromomethane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Carbon Disulfide	2700	2 J	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Carbon Tetrachloride	600	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Chlorobenzene	1700	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Chloroethane	1900	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Chloroform	300	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Chloromethane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
cis-1,3 Dichloropropene		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Dibromochloromethane		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Ethylbenzene	5500	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Methylene chloride	100	11 U	10 UJ	11 UJ	11 UJ	10 U	11 U	10 U	11 U	10 U	11 U
Styrene		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Tetrachloroethene	1400	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Toluene	1500	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
trans-1,3 Dichloropropene		11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Trichloroethene	700	11 U	10 U	11 U	9 J	2 J	11 U	10 U	11 U	10 U	11 U
Vinyl chloride	200	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Xylenes	1200	11 U	10 U	11 U	11 U	10 U	11 U	10 U	11 U	10 U	11 U
Total	10000	5	U	U	10	2	U	U	U	U	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	M-4	M-5	M-6	M-7	M-8	M-9	N-4	N-4	N-5	N-6
		0-2 ft	0-2 ft	0-2 ft	0-2	0-2	4-6 ft	0-2 ft	10-12 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	600	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,1,2 Trichloroethane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	200	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	400	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	100	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene	300	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	3 J
1,2 Dichloropropane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	300	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	1000	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Acetone	200	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Benzene	60	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	2700	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	600	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	1700	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	1900	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Chloroform	300	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
cis-1,3 Dichloropropene		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5500	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	100	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Styrene		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	1400	10 U	10 U	11 U	7 J	4 J	5 J	10 U	10 U	10 U	10 U
Toluene	1500	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
trans-1,3 Dichloropropene		10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	700	10 U	10 U	11 U	2 J	11 U	10 U	2 J	6 J	4 J	8 J
Vinyl chloride	200	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Xylenes	1200	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Total	10000	U	U	U	9	4	5	2	6	4	11

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	N-7		N-8		N-9		N-9	
		0-2 ft		0-2 ft		10-12 ft		58-60 ft	
	(µg/kg)	(ug/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,1,1 Trichloroethane	800	11	U	11	U	11	U	12	U
1,1,2,2-Tetrachloroethane	600	11	U	11	U	11	U	12	U
1,1,2 Trichloroethane		11	U	11	U	11	U	12	U
1,1-Dichloroethane	200	11	U	11	U	11	U	12	U
1,1-Dichloroethene	400	11	U	11	U	11	U	12	U
1,2-Dichloroethane	100	11	U	11	U	11	U	12	U
1,2-Dichloroethene	300	11	U	11	U	3	J	12	U
1,2 Dichloropropane		11	U	11	U	11	U	12	U
2-Butanone	300	11	U	11	U	11	U	12	U
2-Hexanone		11	U	11	U	11	U	12	U
4-Methyl-2-Pentanone	1000	11	U	11	U	11	U	12	U
Acetone	200	11	U	11	U	11	U	12	U
Benzene	60	11	U	11	U	11	U	12	U
Bromodichloromethane		11	U	11	U	11	U	12	U
Bromoform		11	U	11	U	11	U	12	U
Bromomethane		11	U	11	U	11	U	12	U
Carbon Disulfide	2700	11	U	11	U	1	J	12	U
Carbon Tetrachloride	600	11	U	11	U	11	U	12	U
Chlorobenzene	1700	11	U	11	U	11	U	12	U
Chloroethane	1900	11	U	11	U	11	U	12	U
Chloroform	300	11	U	11	U	11	U	12	U
Chloromethane		11	U	11	U	11	U	12	U
cis-1,3 Dichloropropene		11	U	11	U	11	U	12	U
Dibromochloromethane		11	U	11	U	11	U	12	U
Ethylbenzene	5500	11	U	11	U	11	U	12	U
Methylene chloride	100	11	U	11	U	11	U	12	U
Styrene		11	U	11	U	11	U	12	U
Tetrachloroethene	1400	11	U	6	J	3	J	12	U
Toluene	1500	11	U	11	U	5	J	12	U
trans-1,3 Dichloropropene		11	U	11	U	11	U	12	U
Trichloroethene	700	11	U	11	U	26		12	U
Vinyl chloride	200	11	U	11	U	11	U	12	U
Xylenes	1200	11	U	11	U	11	U	12	U
Total	10000		U	6		38			U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.4. SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	A-1	A-2	A-3	A-4	A-5	A-6
		0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
-Nitroaniline		U	U	U	U	U	U
-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	140 J	120 J	U	160 J	U
Benzo(a)pyrene	61 or MDL	U	130 J	110 J	U	180 J	U
Benzo(b)fluoranthene	1100	U	200 J	140 J	U	310 J	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	99 J	U	U	100 J	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		300 J	650	110 J	83 J	170 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	160 J	120 J	83 J	220 J	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	110 J	300 J	220 J	140 J	410	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	U	130 J	94 J	U	190 J	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	100 J	280 J	220 J	120 J	360 J	U
Total	500000	510	2089	1134	426	2100	U

[1] New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	A-7	A-8	A-9	A-10	A-11	B-1
		0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	8-10 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	JU	JU
2,4,8-Trichlorophenol		U	U	U	U	JU	JU
2,4-Dichlorophenol	400	U	U	U	U	JU	JU
2,4-Dimethylphenol		U	U	U	U	JU	JU
2,4-Dinitrophenol	200 or MDL	U	U	U	U	JU	JU
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	JU	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	JU	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	JU	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	JU	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	JU	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	JU	JU
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	JU	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	100 J	U	U	U
Anthracene	50000	U	U	110 J	U	U	U
Benzo(a)anthracene	224 or MDL	300 J	U	660	U	U	U
Benzo(a)pyrene	81 or MDL	270 J	U	630	U	U	U
Benzo(b)fluoranthene	1100	330 J	U	840	U	U	U
Benzo(g,h,i)perylene	50000	85 J	U	220 J	U	U	U
Benzo(k)fluoranthene	1100	140 J	U	450	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	110 J	U	U	140 J
Butyl benzyl phthlate	50000	U	U	U	U	81 J	U
Carbazole		U	U	84 J	U	U	U
Chrysene	400	300 J	U	740	U	72 J	U
Dibenz(a,h)anthracene	14 or MDL	U	U	83 J	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	710	90 J	1400	U	120 J	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	94 J	U	250 J	U	U	U
Isophorone	4400	U	U	U	U	U	2100
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	JU	U
Phenanthrene	50000	240 J	U	600	U	U	U
Phenol	30 or MDL	U	U	U	U	JU	JU
Pyrene	50000	680	87 J	1400	U	110 J	U
Total	500000	3149	177	7677	U	383	2240

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	B-2	B-3	B-4	B-5	B-6	B-7
		2-4 ft	58-60 ft	2-4 ft	0-2 ft	2-4 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	JU	U	U	JU	U	JU
2,4,6-Trichlorophenol		JU	U	U	JU	U	JU
2,4-Dichlorophenol	400	JU	U	U	JU	U	JU
2,4-Dimethylphenol		JU	U	U	JU	U	JU
2,4-Dinitrophenol	200 or MDL	JU	U	U	JU	U	JU
2,4-Dinitrotoluene		JU	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	JU	U	U	JU	U	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	JU	U	U	JU	U	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	JU	U	U	JU	U	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		JU	U	U	JU	U	JU
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	JU	U	U	JU	U	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	JU	U	U	JU	U	JU
-Nitroaniline		U	U	U	U	U	U
-Nitrophenol	100 or MDL	JU	U	U	JU	U	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	72 J	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	U	98 J	U	77 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	77 J	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	140 J	U	110 J
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	120 J	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	JU	U	U	JU	U	JU
Phenanthrene	50000	U	U	U	79 J	U	U
Phenol	30 or MDL	JU	U	U	JU	U	JU
Pyrene	50000	U	U	U	130 J	U	95 J
Total	500000	U	U	U	716	U	282

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	B-8	B-9	B-10	B-11	C-1	C-2	C-3
		0-2 ft	4-6 ft	0-2 ft	0-2 ft	0-2 ft	2-4 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	JU	U	U	U
2,4,6-Trichlorophenol		U	U	U	JU	U	U	U
2,4-Dichlorophenol	400	U	U	U	JU	U	U	U
2,4-Dimethylphenol		U	U	U	JU	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	JU	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	JU	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	JU	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	JU	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	JU	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	JU	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U	U
4-Methylphenol	900	U	U	U	JU	U	U	U
4-Nitroaniline		U	U	U	U	U	U	
4-Nitrophenol	100 or MDL	U	U	U	JU	U	U	
Acenaphthene	50000	U	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	160 J	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	190 J	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	190 J	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	160 J	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	210 J	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	160 J	U	U	280 J	U	92 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U	U
Chrysene	400	U	U	U	U	190 J	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U	U
Fluoranthene	50000	U	U	110 J	U	360	U	U
Fluorene	50000	U	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	160 J	U	U
Isophorone	4400	U	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	JU	U	U	U
Phenanthrene	50000	U	U	U	U	140 J	U	U
Phenol	30 or MDL	U	U	U	JU	U	U	U
Pyrene	50000	U	U	87 J	U	290 J	U	U
Total	500000	U	160	197		2330	U	92

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	C-4	C-5	C-6	C-7	C-8	C-9
		2-4 ft	2-4 ft	2-4 ft	0-2 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	190 J	U
Benzo(a)anthracene	224 or MDL	U	U	150 J	300 J	720	U
Benzo(a)pyrene	61 or MDL	U	U	130 J	230 J	450	U
Benzo(b)fluoranthene	1100	U	110 J	190 J	370	730	U
Benzo(g,h,i)perylene	50000	U	U	U	69 J	160 J	U
Benzo(k)fluoranthene	1100	U	U	U	110 J	240 J	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		UJ	U	U	U	U	U
bis(2-ethylhexyl)phthalate		100 J	180 J	U	87 J	120 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	76 J	83 J	150 J	330 J	730	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	79 J	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	110 J	120 J	300 J	590	1500	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	80 J	190 J	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	U	U	200 J	220 J	1000	U
Phenol	30 or MDL	U	U	U	U	370 U	U
Pyrene	50000	110 J	110 J	270 J	550	1100	U
Total	500000	396	603	1390	2936	7579	U

1 New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	C-10	C-11	C-12	D-1	D-2	D-3
		0-2 ft	0-2 ft	0-2 ft	4-6 ft	2-4 ft	28-30 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	97 J	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	540	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	580	U
Benzo(b)fluoranthene	1100	U	U	U	U	830	U
Benzo(g,h,i)perylene	50000	U	U	U	U	200 J	U
Benzo(k)fluoranthene	1100	U	U	U	U	300 J	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	U	U	92 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	71 J	U
Chrysene	400	U	U	U	U	570	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	80 J	110 J	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	1000	U
Fluorene	50000	U	U	110 J	U	U	U
Hexachlorobenzene	410	U	U	280 J	U	U	U
Hexachlorobutadiene		U	U	270 J	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	130 J	U	220 J	U
Isophorone	4400	U	U	190 J	U	U	U
Naphthalene	13000	U	U	190 J	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	280 J	U	U	U
N-Nitrosodiphenylamine		U	U	110 J	U	U	U
Pentachlorophenol	1000 or MDL	U	U	190 J	U	U	U
Phenanthrene	50000	U	U	100 J	U	480	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	U	U	110 J	U	940	U
Total	500000	U	80	2070	U	5920	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	D-4	D-5	D-6	D-7	D-8	D-9
		2-4 ft	2-4 ft	2-4 ft	28-30 ft	0-2 ft	48-50 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
-Nitroaniline		U	U	U	U	U	U
-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	J	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	470	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	960	100 J	150 J	U	83 J	U
Benzo(a)pyrene	61 or MDL	710	91 J	140 J	U	80 J	U
Benzo(b)fluoranthene	1100	840	140 J	200 J	U	120 J	U
Benzo(g,h,i)perylene	50000	250 J	U	U	U	U	U
Benzo(k)fluoranthene	1100	320 J	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	87 J	U	180 J	190 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		250 J	U	U	U	U	U
Chrysene	400	780	98 J	140 J	U	88 J	U
Dibenz(a,h)anthracene	14 or MDL	95 J	U	U	U	U	U
Dibenzofuran	6200	150 J	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	2000	200 J	210 J	U	160 J	U
Fluorene	50000	240 J	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	290 J	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	130 J	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	1900	120 J	U	U	U	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	1700	180 J	220 J	U	140 J	U
Total	500000	11085	1016	1060	180	861	U

1. New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	D-10		D-11		D-12		E-1		E-2		E-3	
		0-2 ft		4-6 ft		2-4 ft		2-4 ft		2-4 ft		4-6 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,2,4-Trichlorobenzene	3400		U		U		U		U		U		U
1,2-Dichlorobenzene			U		U		U		U		U		U
1,3-Dichlorobenzene	1600		U		U		U		U		U		U
1,4-Dichlorobenzene	8500		U		U		U		U		U		U
2,2'-oxybis(1-chloropropane)			U		U		U		U		U		U
2,4,5-Trichlorophenol	100		U		JU		JU		U		U		U
2,4,6-Trichlorophenol			U		JU		JU		U		U		U
2,4-Dichlorophenol	400		U		JU		JU		U		U		U
2,4-Dimethylphenol			U		JU		JU		U		U		U
2,4-Dinitrophenol	200 or MDL		U		JU		JU		U		U		U
2,4-Dinitrotoluene			U		U		U		U		U		U
2,6 Dinitrotoluene	1000		U		U		U		U		U		U
2-Chloronaphthalene			U		U		U		U		U		U
2-Chlorophenol	800		U		JU		JU		U		U		U
2-Methylnaphthalene	36400		U		U		U		U		U		U
2-Methylphenol	100 or MDL		U		JU		JU		U		U		U
2-Nitroaniline	430 or MDL		U		U		U		U		U		U
2-Nitrophenol	330 or MDL		U		JU		JU		U		U		U
3,3'-Dichlorobenzidine			U		U		U		U		U		U
3-Nitroaniline	500 or MDL		U		U		U		U		U		U
4,6-Dinitro-2-methylphenol			U		JU		JU		U		U		U
4-Bromophenyl-phenylether			U		U		U		U		U		U
4-Chloro-3-methylphenol	240 or MDL		U		JU		JU		U		U		U
4- Chloroaniline	220 or MDL		U		U		U		U		U		U
4-Chlorophenyl-phenylether			U		U		U		U		U		U
4-Methylphenol	900		U		JU		JU		U		U		U
4-Nitroaniline			U		U		U		U		U		U
4-Nitrophenol	100 or MDL		U		JU		JU		U		U		U
Acenaphthene	50000		U		U		U		U		U		U
Acenaphthylene	41000		U		U		U		U		U		U
Anthracene	50000		U		U		U		U	76	J		U
Benzo(a)anthracene	224 or MDL		U		U		U		U	240	J	86	J
Benzo(a)pyrene	61 or MDL		U		U		U		U	200	J	81	J
Benzo(b)fluoranthene	1100		U		U		U		U	280	J	120	J
Benzo(g,h,i)perylene	50000		U		U		U		U		U		U
Benzo(k)fluoranthene	1100		U		U		U		U	120	J		U
bis(2-Chloroethoxy)methane			U		U		U		U		U		U
bis(2-chloroethyl)ether			U		U		U		U		U		U
bis(2-ethylhexyl)phthalate		120	J		U		U		U		U		U
Butyl benzyl phthlate	50000		U		U		U		U	78	J		U
Carbazole			U		U		U		U		U		U
Chrysene	400		U		U		U		U	230	J	97	J
Dibenz(a,h)anthracene	14 or MDL		U		U		U		U		U		U
Dibenzofuran	6200		U		U		U		U		U		U
Diethylphthlate	7100		U		U		U		U		U		U
Dimethylphthlate	2000		U		U		U		U		U		U
Di-n-butyl phthalate	8100		U		U		U		U		U		U
Di-n-octyl phthlate	50000		U		U		U		U		U		U
Fluoranthene	50000	85	J		U		U		U	450		160	J
Fluorene	50000		U		U		U		U		U		U
Hexachlorobenzene	410		U		U		U		U		U		U
Hexachlorobutadiene			U		U		U		U		U		U
Hexachlorocyclopentadiene			U		U		U		U		U		U
Hexachloroethane			U		U		U		U		U		U
Indeno (1,2,3-cd)pyrene	3200		U		U		U		U		U		U
Isophorone	4400		U		U		U		U		U		U
Naphthalene	13000		U		U		U		U		U		U
Nitrobenzene	200 or MDL		U		U		U		U		U		U
N-Nitroso-di-n-propylamine			U		U		U		U		U		U
N-Nitrosodiphenylamine			U		U		U		U		U		U
Pentachlorophenol	1000 or MDL		U		JU		JU		U		U		U
Phenanthrene	50000		U		U		U		U	300	J	100	J
Phenol	30 or MDL		U		JU		JU		U		U		U
Pyrene	50000		U		U		U		U	430		150	J
Total	500000	205			U		U		U	2404		794	

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	E-4	E-5	E-6	E-7	E-8	E-9
		2-4 ft	2-4 ft	2-4 ft	0-2 ft	8-10 ft	6-8 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	92 J	U	U	U	U
Benzo(a)anthracene	224 or MDL	330 J	230 J	U	U	U	U
Benzo(a)pyrene	61 or MDL	370	190 J	U	U	U	U
Benzo(b)fluoranthene	1100	470	250 J	U	U	U	U
Benzo(g,h,i)perylene	50000	170 J	U	U	U	U	U
Benzo(k)fluoranthene	1100	200 J	100 J	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	110 J	U	440	U	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	370	210 J	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	470	450	U	U	U	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	170 J	75 J	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	190 J	380	U	U	U	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	450	390	U	U	U	U
Total	500000	3190	2477	U	440	U	U

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	E-10	E-11	E-13	F-1	F-2	F-3
		0-2 ft	2-4 ft	2-4 ft	18-20 ft	2-4 ft	8-10 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	JU	JU	U	JU
2,4,6-Trichlorophenol		U	U	JU	JU	U	JU
2,4-Dichlorophenol	400	U	U	JU	JU	U	JU
2,4-Dimethylphenol		U	U	JU	JU	U	JU
2,4-Dinitrophenol	200 or MDL	U	U	JU	JU	U	JU
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	JU	JU	U	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	JU	JU	U	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	JU	JU	U	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	JU	JU	U	JU
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	JU	JU	U	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	JU	JU	U	JU
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	JU	JU	U	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	240 J	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	210 J	U
Benzo(b)fluoranthene	1100	U	U	U	U	230 J	U
Benzo(g,h,i)perylene	50000	U	U	U	U	140 J	U
Benzo(k)fluoranthene	1100	U	U	U	U	220 J	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		72 J	U	83 J	140 J	91 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	U	260 J	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	110 J	U	U	U	500	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	150 J	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	JU	JU	U	JU
Phenanthrene	50000	U	U	U	U	310 J	U
Phenol	30 or MDL	U	U	JU	JU	U	JU
Pyrene	50000	110 J	U	U	U	420	U
Total	500000	292	U	83	140	2771	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	F-4	F-5	F-6	F-7	F-8	F-9
		2-4 ft	2-4 ft	2-4 ft	2-4 ft	0-2	6-8 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	JU	U	JU
2,4,6-Trichlorophenol		U	U	U	JU	U	JU
2,4-Dichlorophenol	400	U	U	U	JU	U	JU
2,4-Dimethylphenol		U	U	U	JU	U	JU
2,4-Dinitrophenol	200 or MDL	U	U	U	JU	U	JU
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	JU	U	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	JU	U	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	JU	U	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	JU	U	JU
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	JU	U	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	JU	U	JU
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	JU	U	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	U	U	U	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	72 J	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	73 J	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	U	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	JU	U	JU
Phenanthrene	50000	U	U	U	U	U	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	U	U	U	78 J	U	U
Total	500000	U	U	U	223	U	U

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	F-10	F-11	F-11	F-13	G-1	G-2
		2-4 ft	4-6 ft	6-8 ft	0-2 ft	4-6 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	JU	U	U	JU	U	U
2,4,6-Trichlorophenol		JU	U	U	JU	U	U
2,4-Dichlorophenol	400	JU	U	U	JU	U	U
2,4-Dimethylphenol		JU	U	U	JU	U	U
2,4-Dinitrophenol	200 or MDL	JU	U	U	JU	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	JU	U	U	JU	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	JU	U	U	JU	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	JU	U	U	JU	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		JU	U	U	JU	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	JU	U	U	JU	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	JU	U	U	JU	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	JU	U	U	JU	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	100 J	95 J
Benzo(a)pyrene	61 or MDL	U	U	U	U	100 J	80 J
Benzo(b)fluoranthene	1100	U	U	U	U	120 J	U
Benzo(g,h,i)perylene	50000	U	U	U	U	79 J	U
Benzo(k)fluoranthene	1100	U	U	U	U	110 J	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	100 J	U	93 J	460
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	U	120 J	110 J
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	89 J	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	170 J	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	190 J	210 J
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	77 J	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	JU	U	U	JU	U	U
Phenanthrene	50000	U	U	U	U	96 J	130 J
Phenol	30 or MDL	U	U	U	JU	U	U
Pyrene	50000	U	U	U	U	170 J	170 J
Total	500000	U	U	359	U	1255	1255

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	G-3	G-4	G-4	G-4	G-5	G-6
		8-10 ft	2-4 ft	8-10 ft	12-14	2-4 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U		U	U
1,2-Dichlorobenzene		U	U	U		U	U
1,3-Dichlorobenzene	1600	U	U	U		U	U
1,4-Dichlorobenzene	8500	U	U	U		U	U
2,2'-oxybis(1-chloropropane)		U	U	U		U	U
2,4,5-Trichlorophenol	100	JU	JU	JU		U	U
2,4,6-Trichlorophenol		JU	JU	JU		U	U
2,4-Dichlorophenol	400	JU	JU	JU		U	U
2,4-Dimethylphenol		JU	JU	JU		U	U
2,4-Dinitrophenol	200 or MDL	JU	JU	JU		U	U
2,4-Dinitrotoluene		U	U	JU		U	U
2,6 Dinitrotoluene	1000	U	U	JU		U	U
2-Chloronaphthalene		U	U	JU		U	U
2-Chlorophenol	800	JU	JU	JU		U	U
2-Methylnaphthalene	36400	330 J	440	500		U	350 J
2-Methylphenol	100 or MDL	JU	JU	110 J		U	U
2-Nitroaniline	430 or MDL	U	U	JU		U	U
2-Nitrophenol	330 or MDL	JU	JU	JU		U	U
3,3'-Dichlorobenzidine		U	U	JRU		U	U
3-Nitroaniline	500 or MDL	U	U	JU		U	U
4,6-Dinitro-2-methylphenol		JU	JU	JU		U	U
4-Bromophenyl-phenylether		U	U	JU		U	U
4-Chloro-3-methylphenol	240 or MDL	JU	JU	JU		U	U
4- Chloroaniline	220 or MDL	U	U	U		U	U
4-Chlorophenyl-phenylether		U	U	JU		U	U
4-Methylphenol	900	JU	JU	2100 J		U	90 J
Nitroaniline		U	U	JU		U	U
Nitrophenol	100 or MDL	JU	JU	JU		U	U
Acenaphthene	50000	U	U	650 J		U	2300
Acenaphthylene	41000	U	U	JU		U	850
Anthracene	50000	U	U	530 J		U	15000 D
Benzo(a)anthracene	224 or MDL	U	U	790 J		U	62000 D
Benzo(a)pyrene	61 or MDL	U	U	1300 J		U	43000 D
Benzo(b)fluoranthene	1100	U	U	1100 J		U	50000 D
Benzo(g,h,i)perylene	50000	U	U	770 J		U	24000 D
Benzo(k)fluoranthene	1100	U	U	1200 J		U	34000 D
bis(2-Chloroethoxy)methane		U	U	U		U	U
bis(2-chloroethyl)ether		U	U	U		U	U
bis(2-ethylhexyl)phthalate		1200	95 J	85000 JD		U	320 J
Butyl benzyl phthlate	50000	U	U	JRU		U	380 U
Carbazole		U	U	260 J		U	8000 D
Chrysene	400	U	93 J	2300 J		U	57000 D
Dibenz(a,h)anthracene	14 or MDL	U	U	430 J		U	14000 D
Dibenzofuran	6200	U	110 J	740 J		U	1900
Diethylphthlate	7100	U	U	JU		U	U
Dimethylphthlate	2000	U	U	JU		U	U
Di-n-butyl phthalate	8100	U	U	JU		U	U
Di-n-octyl phthlate	50000	U	U	JU		U	U
Fluoranthene	50000	U	210 J	3700 J		U	120000 D
Fluorene	50000	U	U	1100 J		U	4700
Hexachlorobenzene	410	U	U	JU		U	U
Hexachlorobutadiene		U	U	U		U	U
Hexachlorocyclopentadiene		U	U	JU		U	U
Hexachloroethane		U	U	U		U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	930 J		U	27000 D
Isophorone	4400	U	U	U		U	U
Naphthalene	13000	98 J	260 J	720		U	420
Nitrobenzene	200 or MDL	U	U	U		U	U
N-Nitroso-di-n-propylamine		U	U	U		U	U
N-Nitrosodiphenylamine		U	U	JU		U	U
Pentachlorophenol	1000 or MDL	JU	JU	JU		U	U
Phenanthrene	50000	130 J	440	4800 J		U	60000 D
Phenol	30 or MDL	JU	U	JU		U	U
Pyrene	50000	U	220 J	4200 J		U	110000 D
Total	500000	1758	1868	112620		U	635310

1 New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	G-7	G-8	G-9	G-10	G-11	G-14
		0-2	0-2 ft	8-10 ft	2-4 ft	4-6 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	JU	JU	JU	U	JU
2,4,6-Trichlorophenol		U	JU	JU	JU	U	JU
2,4-Dichlorophenol	400	U	JU	JU	JU	U	JU
2,4-Dimethylphenol		U	JU	JU	JU	U	JU
2,4-Dinitrophenol	200 or MDL	U	JU	JU	JU	U	JU
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	JU	JU	JU	U	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	JU	JU	JU	U	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	JU	JU	JU	U	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	JU	JU	JU	U	JU
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	JU	JU	JU	U	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	JU	JU	83 J	U	JU
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	JU	JU	JU	U	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	94 J	U	76 J	U	120 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	U	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	JU	JU	JU	U	JU
Phenanthrene	50000	U	U	U	U	U	U
Phenol	30 or MDL	U	U	U	U	U	JU
Pyrene	50000	U	U	U	U	U	U
Total	500000	U	94	U	159	U	120

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	H-1	H-2	H-3	H-3	H-4	H-5
		0-2 ft	2-4 ft	2-4 ft	4-6 ft	2-4 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	JU	U
2,4,6-Trichlorophenol		U	U	U	U	JU	U
2,4-Dichlorophenol	400	U	U	U	U	JU	U
2,4-Dimethylphenol		U	U	U	U	JU	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	JU	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	JU	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	JU	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	JU	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	JU	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	JU	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	JU	U
-Nitroaniline		U	U	U	U	U	U
-Nitrophenol	100 or MDL	U	U	U	U	JU	U
Acenaphthene	50000	97 J	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	150 J	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	650	U	U	U	U	U
Benzo(a)pyrene	61 or MDL	620	U	U	U	U	U
Benzo(b)fluoranthene	1100	630	U	U	U	U	U
Benzo(g,h,i)perylene	50000	440	U	U	U	U	U
Benzo(k)fluoranthene	1100	660	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		230 J	U	110 J	71 J	150 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		140 J	U	U	U	U	U
Chrysene	400	790	U	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	200 J	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	1400	U	U	U	U	U
Fluorene	50000	71 J	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	430	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	JU	U
Phenanthrene	50000	850	U	U	U	U	U
Phenol	30 or MDL	U	U	U	U	JU	U
Pyrene	50000	1200	U	U	U	U	U
Total	500000	8558	U	110	71	150	U

1. New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	H-6	H-7	H-7	H-8	H-9	H-10
		2-4 ft	0-2 ft	48-50 ft	0-2 ft	18-20 ft	4-6 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	JU	JU	JU	U	U	JU
2,4,6-Trichlorophenol		JU	JU	JU	U	U	JU
2,4-Dichlorophenol	400	JU	JU	JU	U	U	JU
2,4-Dimethylphenol		JU	JU	JU	U	U	JU
2,4-Dinitrophenol	200 or MDL	JU	JU	JU	U	U	JU
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	JU	JU	JU	U	U	JU
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	JU	JU	JU	U	U	JU
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	JU	U	JU	U	U	JU
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		JU	JU	JU	U	U	JU
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	JU	JU	JU	U	U	JU
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	JU	JU	JU	U	U	JU
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	JU	JU	JU	U	U	JU
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	U	81 J	U	U	71 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	91 J	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	U	70 J
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	93 J
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	JU	JU	JU	U	U	JU
Phenanthrene	50000	U	U	U	U	U	U
Phenol	30 or MDL	JU	JU	JU	U	U	JU
Pyrene	50000	U	U	U	U	U	U
Total	500000	U	U	81	91	U	234

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	H-12	H-13	H-14	I-1	I-1	I-2
		2-4 ft	58-60 ft	6-8 ft	4-6 ft	18-20 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	1900	3900	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	JU	JU	U	U	U	U
2,4,6-Trichlorophenol		JU	JU	U	U	U	U
2,4-Dichlorophenol	400	JU	JU	U	U	U	U
2,4-Dimethylphenol		JU	JU	U	490	U	U
2,4-Dinitrophenol	200 or MDL	JU	JU	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	JU	JU	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	970	710	430
2-Methylphenol	100 or MDL	JU	JU	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	JU	JU	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		JU	JU	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	JU	JU	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	JU	JU	U	1500	280 J	390
Nitroaniline		U	U	U	U	U	U
Nitrophenol	100 or MDL	JU	JU	U	U	U	U
Acenaphthene	50000	U	U	U	110 J	U	140 J
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	94 J	U	110 J
Benzo(a)anthracene	224 or MDL	U	U	U	380	190 J	U
Benzo(a)pyrene	61 or MDL	U	U	U	290 J	170 J	460
Benzo(b)fluoranthene	1100	U	U	U	550	350 J	880
Benzo(g,h,i)perylene	50000	U	U	U	290 J	160 J	510
Benzo(k)fluoranthene	1100	U	U	U	470	290 J	590
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	UJ	U	U	U
bis(2-ethylhexyl)phthalate		U	U	U	1900	14000 D	1500
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	83 J	U	U
Chrysene	400	U	U	U	610	390 J	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	170 J	88 J	250 J
Dibenzofuran	6200	U	U	U	120 J	U	100 J
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	850	380 J	990
Fluorene	50000	U	U	U	190 J	150 J	170 J
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	320 J	150 J	520
Isophorone	4400	U	U	U	U	400 U	U
Naphthalene	13000	U	U	U	470	300 J	300 J
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	JU	JU	U	U	U	U
Phenanthrene	50000	U	U	U	1000	650	820
Phenol	30 or MDL	JU	JU	U	U	U	U
Pyrene	50000	U	U	U	830	470	1100
Total	500000	U	U	U	13587	23028	9260

1 New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	I-3	I-4	I-5	I-6	I-7	I-8
		2-4 ft	2-4 ft	2-4 ft	2-4 ft	6-8 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	UJ	U
2-Methylnaphthalene	36400	U	U	U	U	U	120 J
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	UJ
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	500
Acenaphthylene	41000	U	U	U	U	U	70 J
Anthracene	50000	U	U	U	U	U	540
Benzo(a)anthracene	224 or MDL	U	U	U	U	U	1600
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	1400
Benzo(b)fluoranthene	1100	U	U	U	U	U	1500
Benzo(g,h,i)perylene	50000	U	U	U	U	U	150 J
Benzo(k)fluoranthene	1100	U	U	U	U	U	1600
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U	U
bis(2-ethylhexyl)phthalate		88 J	U	U	U	U	920
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	460
Chrysene	400	U	U	U	U	U	1800
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	190 J
Dibenzofuran	6200	U	U	U	U	U	400
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	98 J
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	U	U	U	3300
Fluorene	50000	U	U	U	U	U	790
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	420
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	270 J
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	U	U	U	U	U	2700
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	U	U	U	U	U	2500
Total	500000	88	U	U	U	U	21328

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	I-9	I-10	I-10	I-10	I-11	I-12
		6-8 ft	2-4 ft	4-6 ft	6-8 ft	6-8 ft	6-8 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	R
2,4,6-Trichlorophenol		U	U	U	U	U	R
2,4-Dichlorophenol	400	U	U	U	U	U	R
2,4-Dimethylphenol		U	U	U	U	U	R
2,4-Dinitrophenol	200 or MDL	U	U	U	U	U	R
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	R
2-Methylnaphthalene	36400	U	U	400	340 J	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	R
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	R
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	R
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	R
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	R
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	R
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	U	U	U	U
Benzo(a)pyrene	61 or MDL	U	U	U	U	U	U
Benzo(b)fluoranthene	1100	U	U	U	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		UJ	UJ	UJ	UJ	UJ	UJ
bis(2-ethylhexyl)phthalate		U	110 J	2700	3600	U	91 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	80 J	160 J	U	U
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	300 J	U	U	U	190 J	U
Naphthalene	13000	U	U	98 J	100 J	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	UJ	U	U	R	R
Phenanthrene	50000	U	U	99 J	210 J	U	U
Phenol	30 or MDL	U	U	U	U	U	R
Pyrene	50000	U	U	100 J	130 J	U	U
Total	500000	300	110	3537	4540	190	91

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.
R – Analytical result not considered usable by data validator due to low surrogate compound recovery during laboratory analysis.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	J-1	J-2	J-3	J-4	J-5
		48-50 ft	8-10 ft	58-60 ft	0-2 ft	8-10 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	JU	U	U
2,4,6-Trichlorophenol		U	U	JU	U	U
2,4-Dichlorophenol	400	U	U	JU	U	U
2,4-Dimethylphenol		U	U	JU	U	U
2,4-Dinitrophenol	200 or MDL	U	U	JU	U	U
2,4-Dinitrotoluene		U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U
2-Chlorophenol	800	U	U	JU	U	U
2-Methylnaphthalene	36400	U	290 J	U	160 J	U
2-Methylphenol	100 or MDL	U	U	JU	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	JU	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	JU	U	U
4-Bromophenyl-phenylether		U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	JU	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U
4-Methylphenol	900	U	110 J	JU	U	U
4-Nitroaniline		U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	JU	U	U
Acenaphthene	50000	U	240 J	U	150 J	U
Acenaphthylene	41000	U	U	U	U	U
Anthracene	50000	U	310 J	U	320 J	U
Benzo(a)anthracene	224 or MDL	U	920	U	1200	U
Benzo(a)pyrene	61 or MDL	U	630	U	1300	U
Benzo(b)fluoranthene	1100	U	760	U	1400	U
Benzo(g,h,i)perylene	50000	U	480	U	610	U
Benzo(k)fluoranthene	1100	U	690	U	1100	U
bis(2-Chloroethoxy)methane		U	U	U	U	U
bis(2-chloroethyl)ether		U	U	U	U	U
bis(2-ethylhexyl)phthalate		U	300 J	U	340 J	U
Butyl benzyl phthlate	50000	U	U	U	U	U
Carbazole		U	160 J	U	140 J	U
Chrysene	400	U	960	U	1400	U
Dibenz(a,h)anthracene	14 or MDL	U	270 J	U	300 J	U
Dibenzofuran	6200	U	130 J	U	140 J	U
Diethylphthlate	7100	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U
Fluoranthene	50000	U	1600	U	1900	U
Fluorene	50000	U	240 J	U	180 J	U
Hexachlorobenzene	410	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U
Hexachloroethane		U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	560	U	750	U
Isophorone	4400	U	U	U	U	U
Naphthalene	13000	U	250 J	U	330 J	U
Nitrobenzene	200 or MDL	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	JU	U	U
Phenanthrene	50000	U	1500	U	1400	U
Phenol	30 or MDL	U	U	JU	U	U
Pyrene	50000	U	1600	U	1900	U
Total	500000	U	12000	U	15020	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	J-6	J-7	J-8	J-9	J-10	K-4
		2-4 ft	0-2 ft	0-2 ft	6-8 ft	0-2 ft	8-10 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	JU	U	R	U	U	U
2,4,6-Trichlorophenol		JU	U	R	U	U	U
2,4-Dichlorophenol	400	JU	U	R	U	U	U
2,4-Dimethylphenol		U	U	R	U	U	U
2,4-Dinitrophenol	200 or MDL	JU	U	R	U	UJ	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	JU	U	R	U	U	U
2-Methylnaphthalene	36400	130 J	U	U	U	U	U
2-Methylphenol	100 or MDL	JU	U	R	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	JU	U	R	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		JU	U	R	U	UJ	UJ
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	JU	U	R	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	JU	U	R	U	U	U
Nitroaniline		U	U	U	U	U	U
Nitrophenol	100 or MDL	JU	U	R	U	U	U
Acenaphthene	50000	130 J	U	140 J	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	360 J	U	390	U	U	U
Benzo(a)anthracene	224 or MDL	2700	110 J	710	U	U	U
Benzo(a)pyrene	61 or MDL	3100	110 J	570	U	U	U
Benzo(b)fluoranthene	1100	3000	160 J	760	U	U	U
Benzo(g,h,i)perylene	50000	2500	U	61 J	U	U	U
Benzo(k)fluoranthene	1100	2600	U	280 J	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	UJ	UJ	U	UJ
bis(2-ethylhexyl)phthalate		290 J	93 J	220 J	75 J	U	130 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		150 J	U	210 J	U	U	U
Chrysene	400	2800	110 J	750	U	U	U
Dibenz(a,h)anthracene	14 or MDL	900	U	U	U	U	U
Dibenzofuran	6200	180 J	U	310 J	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	96 J	U	95 J	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	3000	150 J	1500	U	U	U
Fluorene	50000	140 J	U	590	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	2600	U	180 J	U	U	U
Isophorone	4400	U	150 J	71 J	U	620	U
Naphthalene	13000	390 J	U	96 J	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	JU	U	R	UJ	U	U
Phenanthrene	50000	1400	81 J	2000	U	U	U
Phenol	30 or MDL	JU	U	R	U	U	U
Pyrene	50000	3400	190 J	1500	U	U	U
Total	500000	29866	1154	10453	75	620	130

[1] New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.
R – Analytical result not considered usable by data validator due to low surregate compound recovery during laboratory analysis.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	K-5	K-5	K-6	K-6	K-6	K-7
		4-6 ft	8-10 ft	2-4 ft	6-8 ft	8-10 ft	6-8 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	UJ	UJ	U
2,4,5-Trichlorophenol	100	U	U	R	U	U	U
2,4,6-Trichlorophenol		U	U	R	U	U	U
2,4-Dichlorophenol	400	U	U	R	U	U	U
2,4-Dimethylphenol		U	U	R	U	U	U
2,4-Dinitrophenol	200 or MDL	UJ	UJ	R	U	U	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	R	U	U	U
2-Methylnaphthalene	36400	160 J	U	170 J	U	U	74 J
2-Methylphenol	100 or MDL	U	U	R	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	UJ	UJ	U
2-Nitrophenol	330 or MDL	U	U	R	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		UJ	UJ	R	UJ	UJ	UJ
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	R	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	R	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	140 J	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	96 J	190 J	U	U
Benzo(a)anthracene	224 or MDL	110 J	U	320 J	240 J	100 J	77 J
Benzo(a)pyrene	61 or MDL	82 J	U	270 J	130 J	U	69 J
Benzo(b)fluoranthene	1100	U	U	320 J	100 J	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	260 J	94 J	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		UJ	UJ	U	UJ	UJ	U
bis(2-ethylhexyl)phthalate		490	72 J	130 J	110 J	87 J	78 J
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	170 J	U	400	290 J	130 J	94 J
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	130 J	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	200 J	74 J	660	440	200 J	180 J
Fluorene	50000	U	U	U	230 J	79 J	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethene		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	78 J	U	U	U
Isophorone	4400	U	U	160 J	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	UJ	UJ	U
N-Nitroso-di-n-propylamine		U	U	U	UJ	UJ	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	R	U	U	RO
Phenanthrene	50000	250 J	97 J	540	170 J	130 J	150 J
Phenol	30 or MDL	U	U	R	U	U	U
Pyrene	50000	190 J	77 J	500	550	230 J	130 J
Total	500000	1652	320	3904	2814	956	852

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.
R – Analytical result not considered usable by data validator due to low surrogate compound recovery during laboratory analysis.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	K-8	K-9	L-4	L-5	L-6	L-7
		18-20 ft	6-8 ft	0-2 ft	18-20 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-exybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	UJ	U	U	U
2,4,6-Trichlorophenol		U	U	UJ	U	U	U
2,4-Dichlorophenol	400	U	U	UJ	U	U	U
2,4-Dimethylphenol		U	U	UJ	U	U	U
2,4-Dinitrophenol	200 or MDL	UJ	UJ	UJ	U	UJ	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	UJ	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	UJ	U	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	UJ	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		UJ	UJ	UJ	U	U	UJ
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	UJ	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	UJ	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	UJ	U	U	U
Acenaphthene	50000	U	170 J	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	300 J	U	U	U	U
Benzo(a)anthracene	224 or MDL	100 J	410	U	U	U	U
Benzo(a)pyrene	61 or MDL	88 J	560	U	U	U	U
Benzo(b)fluoranthene	1100	100 J	590	U	U	U	U
Benzo(g,h,i)perylene	50000	U	120 J	U	U	U	U
Benzo(k)fluoranthene	1100	97 J	480	U	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		U	U	UJ	U	UJ	U
bis(2-ethylhexyl)phthalate		U	U	U	U	U	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	370	U	U	U	U
Chrysene	400	120 J	480	U	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	99 J	U	U	U	U
Dibenzofuran	6200	U	190 J	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	250 J	1100	U	U	U	U
Fluorene	50000	U	290 J	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	290 J	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	200 J	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitrose-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	UJ	U	U	R
Phenanthrene	50000	190 J	1300	U	U	U	U
Phenol	30 or MDL	U	U	UJ	U	U	U
Pyrene	50000	190 J	750	U	U	U	U
Total	500000	1135	7699	U	U	U	U

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.
R – Analytical result not considered usable by data validator due to low surrogate compound recovery during laboratory analysis.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	L-8	L-9	M-4	M-5	M-6	M-7
		0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U
2,4-Dichlorophenol	400	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U
2,4-Dinitrophenol	200 or MDL	UJ	U	UJ	UJ	UJ	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronephthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	U	U	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	U	U	U	U
2-Nitroaniline	430 or MDL	U	UJ	U	U	U	U
2-Nitrophenol	330 or MDL	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	UJ	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	U	U	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	U	U	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	U
Benzo(a)anthracene	224 or MDL	U	U	160 J	U	U	U
Benzo(a)pyrene	61 or MDL	U	U	84 J	U	U	U
Benzo(b)fluoranthene	1100	U	U	200 J	U	U	U
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	100 J	U	U	U
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		UJ	U	UJ	UJ	UJ	UJ
bis(2-ethylhexyl)phthalate		U	U	76 J	U	U	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	170 J	U	U	U
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	270 J	U	U	79 J
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	U	U
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	U	U	U	U
Phenanthrene	50000	U	U	110 J	U	U	U
Phenol	30 or MDL	U	U	U	U	U	U
Pyrene	50000	U	U	190 J	U	U	U
Total	500000	U	U	1360	U	U	79

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	M-8	M-9	N-4	N-4	N-5	N-6
		0-2 ft	4-6 ft	0-2 ft	10-12 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,2,4-Trichlorobenzene	3400	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U
1,3-Dichlorobenzene	1600	U	U	U	U	U	U
1,4-Dichlorobenzene	8500	U	U	U	U	U	U
2,2'-oxybis(1-chloropropane)		U	U	U	U	U	U
2,4,5-Trichlorophenol	100	U	U	JU	JU	U	U
2,4,6-Trichlorophenol		U	U	JU	JU	U	U
2,4-Dichlorophenol	400	U	U	JU	JU	U	U
2,4-Dimethylphenol		U	U	JU	JU	U	U
2,4-Dinitrophenol	200 or MDL	UJ	UJ	JU	JU	U	UJ
2,4-Dinitrotoluene		U	U	U	U	U	U
2,6 Dinitrotoluene	1000	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U
2-Chlorophenol	800	U	U	JU	JU	U	U
2-Methylnaphthalene	36400	U	U	U	U	U	U
2-Methylphenol	100 or MDL	U	U	JU	JU	U	U
2-Nitroaniline	430 or MDL	U	U	U	U	UJ	U
2-Nitrophenol	330 or MDL	U	U	JU	JU	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U
3-Nitroaniline	500 or MDL	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	JU	JU	UJ	UJ
4-Bromophenyl-phenylether		U	U	U	U	U	U
4-Chloro-3-methylphenol	240 or MDL	U	U	JU	JU	U	U
4- Chloroaniline	220 or MDL	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U
4-Methylphenol	900	U	U	JU	JU	U	U
4-Nitroaniline		U	U	U	U	U	U
4-Nitrophenol	100 or MDL	U	U	JU	JU	U	U
Acenaphthene	50000	U	U	U	U	U	U
Acenaphthylene	41000	U	U	U	U	U	U
Anthracene	50000	U	U	U	U	U	110 J
Benzo(a)anthracene	224 or MDL	U	U	77 J	U	110 J	420
Benzo(a)pyrene	61 or MDL	U	U	72 J	U	100 J	380
Benzo(b)fluoranthene	1100	U	U	U	U	120 J	420
Benzo(g,h,i)perylene	50000	U	U	U	U	U	U
Benzo(k)fluoranthene	1100	U	U	96 J	U	100 J	340
bis(2-Chloroethoxy)methane		U	U	U	U	U	U
bis(2-chloroethyl)ether		UJ	UJ	U	U	U	UJ
bis(2-ethylhexyl)phthalate		U	U	U	U	910	U
Butyl benzyl phthlate	50000	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U
Chrysene	400	U	U	88 J	U	120 J	440
Dibenz(a,h)anthracene	14 or MDL	U	U	U	U	U	U
Dibenzofuran	6200	U	U	U	U	U	U
Diethylphthlate	7100	U	U	U	U	U	U
Dimethylphthlate	2000	U	U	U	U	U	U
Di-n-butyl phthalate	8100	U	U	U	U	U	U
Di-n-octyl phthlate	50000	U	U	U	U	U	U
Fluoranthene	50000	U	U	140 J	69 J	210 J	940
Fluorene	50000	U	U	U	U	U	U
Hexachlorobenzene	410	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U
Indeno (1,2,3-cd)pyrene	3200	U	U	U	U	77 J	170 J
Isophorone	4400	U	U	U	U	U	U
Naphthalene	13000	U	U	U	U	U	U
Nitrobenzene	200 or MDL	U	U	U	U	U	U
N-Nitroso-di-n-propylamine		U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U
Pentachlorophenol	1000 or MDL	U	U	JU	JU	R	R
Phenanthrene	50000	U	U	87 J	U	79 J	510
Phenol	30 or MDL	U	U	JU	JU	U	U
Pyrene	50000	U	U	120 J	U	160 J	730
Total	500000	U	U	680	69	1986	4460

1: New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.
R – Analytical result not considered usable by data validator due to low surrogate compound recovery during laboratory analysis.

TABLE 4.2.4 (continued). SEMI-VOLATILE ORGANIC COMPOUND (SVOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	N-7		N-8		N-9		N-9	
		0-2 ft		0-2 ft		10-12 ft		58-60 ft	
	(µg/kg)	(µg/kg)		(µg/kg)		(µg/kg)		(µg/kg)	
1,2,4-Trichlorobenzene	3400		U		U		U		U
1,2-Dichlorobenzene			U		U		U		U
1,3-Dichlorobenzene	1600		U		U		U		U
1,4-Dichlorobenzene	8500		U		U		U		U
2,2'-oxybis(1-chloropropane)			U		U		U		U
2,4,5-Trichlorophenol	100		U		U		U		U
2,4,6-Trichlorophenol			U		U		U		U
2,4-Dichlorophenol	400		U		U		U		U
2,4-Dimethylphenol			U		U		U		U
2,4-Dinitrophenol	200 or MDL		U		UJ		UJ		UJ
2,4-Dinitrotoluene			U		U		U		U
2,6 Dinitrotoluene	1000		U		U		U		U
2-Chloronaphthalene			U		U		U		U
2-Chlorophenol	800		U		U		U		U
2-Methylnaphthalene	36400		U		U		U		U
2-Methylphenol	100 or MDL		U		U		U		U
2-Nitroaniline	430 or MDL		U		U		U		U
2-Nitrophenol	330 or MDL		U		U		U		U
3,3'-Dichlorobenzidine			U		U		U		U
3-Nitroaniline	500 or MDL		U		U		U		U
4,6-Dinitro-2-methylphenol			U		U		U		U
4-Bromophenyl-phenylether			U		U		U		U
4-Chloro-3-methylphenol	240 or MDL		U		U		U		U
4- Chloroaniline	220 or MDL		U		U		U		U
4-Chlorophenyl-phenylether			U		U		U		U
4-Methylphenol	900		U		U		U		U
4-Nitroaniline			U		U		U		U
4-Nitrophenol	100 or MDL		U		U		U		U
Acenaphthene	50000		U		U		U		U
Acenaphthylene	41000		U	91	J		U		U
Anthracene	50000		U	330	J		U		U
Benzo(a)anthracene	224 or MDL	210	J	1200		210	J		U
Benzo(a)pyrene	61 or MDL	160	J	450		120	J		U
Benzo(b)fluoranthene	1100	230	J	1100		350			U
Benzo(g,h,i)perylene	50000		UJ		U		U		U
Benzo(k)fluoranthene	1100	89	J	440		100	J		U
bis(2-Chloroethoxy)methane			U		U		U		U
bis(2-chloroethyl)ether			UJ		UJ		UJ		UJ
bis(2-ethylhexyl)phthalate		94	J		U	240	J		U
Butyl benzyl phthlate	50000		U		U		U		U
Carbazole			U		U		U		U
Chrysene	400	210	J	1200		280	J		U
Dibenz(a,h)anthracene	14 or MDL		UJ	130	J		U		U
Dibenzofuran	6200		U		U		U		U
Diethylphthlate	7100		U		U		U		U
Dimethylphthlate	2000		U		U		U		U
Di-n-butyl phthalate	8100		U		U		U		U
Di-n-octyl phthlate	50000		UJ		U		U		U
Fluoranthene	50000	290	J	2100		410			U
Fluorene	50000		U		U	79	J		U
Hexachlorobenzene	410		U		U		U		U
Hexachlorobutadiene			U		U		U		U
Hexachlorocyclopentadiene			U		U		U		U
Hexachloroethane			U		U		U		U
Indeno (1,2,3-cd)pyrene	3200		UJ	190	J		U		U
Isophorone	4400		U		U		U		U
Naphthalene	13000		U		U		U		U
Nitrobenzene	200 or MDL		U		U		U		U
N-Nitroso-di-n-propylamine			U		U		U		U
N-Nitrosodiphenylamine			U		U		U		U
Pentachlorophenol	1000 or MDL		U		U		U		U
Phenanthrene	50000	210	J	1800		410			U
Phenol	30 or MDL		U		U		U		U
Pyrene	50000	410		1800		390			U
Total	500000	1903		10831		2589			

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
U – Parameter was analyzed but was not detected.
J – Estimated value.

TABLE 4.3.1. VOLATILE ORGANIC COMPOUND (VOC) SOIL VAPOR SAMPLING RESULTS

Parameter	Samples Collected on 6-10-2005	D-1	D-1	E-3	E-5	E-13
	Ambient 6-10-2005	8-10 ft	58-60 ft	8-10 ft	8-10 ft	8-10 ft
	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)
1,1,1-Trichloroethane	U	11	17 J	24	45	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	8.1	U	U
1,1-Dichloroethene	U	U	U	U	UJ	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U
1,2,4-Trimethylbenzene	U	210 J	140 EJ	86	U	110
1,2-Dibromoethane	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U
1,2-Dichloroethene (total)	U	U	U	520	440	U
1,2-Dichloropropane	U	U	U	U	U	U
1,2-Dichlorotetrafluoroethane	U	U	U	U	U	U
1,3,5-Trimethylbenzene	U	49	39 J	26	U	30
1,3-Butadiene	U	3.1	110 J	240	290 J	U
1,3-Dichlorobenzene	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U
1,4-Dioxane	U	U	U	U	U	U
2,2,4-Trimethylpentane	U	1.5	8.4 J	22	89	U
2-Chlorotoluene	U	1 U	U	U	U	U
3-Chloropropene	U	0.63 U	U	U	U	U
4-Ethyltoluene	U	170	140 J	69	U	79
Acetone	U	100	81 J	140	U	U
Benzene	U	4.8	32 J	42	54	U
Bromodichloromethane	U	U	U	U	U	U
Bromoethene	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U
Carbon Disulfide	U	U	2.6 J	59	50	U
Carbon Tetrachloride	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U
Chloroform	U	U	44 J	10	U	U
Chloromethane	1.5	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	440	400	U
cis-1,3-Dichloropropene	U	U	U	U	U	U
Cyclohexane	U	7.6	38 J	23	34	U
Dibromochloromethane	U	U	U	U	U	U
Dichlorodifluoromethane	U	U	U	U	U	9900
Ethylbenzene	U	40	56 J	30	U	33
Freon TF	U	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	UJ	U
Isopropyl Alcohol	U	U	U	U	U	U
Methyl Butyl Ketone	U	U	U	U	U	U
Methyl Ethyl Ketone	U	2.4	15 J	38	U	U
Methyl Isobutyl Ketone	U	U	3.1 J	U	U	U
Methyl tert-Butyl Ether	U	U	U	U	U	U
Methylene Chloride	U	U	U	U	U	U
n-Heptane	U	11	53 J	37	36	U
n-Hexane	U	6.7	95 J	49	81	U
Styrene	U	U	0.85 U	U	U	U
tert-Butyl Alcohol	U	U	15 U	U	U	U
Tetrachloroethene	U	95	130 J	95	56	63
Tetrahydrofuran	U	U	U	U	U	U
Toluene	1.1	120	380 EJ	140	45	87
trans-1,2-Dichloroethene	U	U	U	71	25	U
trans-1,3-Dichloropropene	U	U	U	U	U	U
Trichloroethene	U	100	150 J	1900	2700	25
Trichlorofluoromethane	U	3.7	3.4 J	U	U	U
Vinyl Chloride	U	U	U	82	380	U
Xylene (m,p)	U	350	230 J	130	U	150
Xylene (o)	U	87	87 J	43	U	52
Xylene (total)	U	430	480 J	170	U	200

E – Parameter detected above the upper calibration range limit.
U – Parameter was analyzed but was not detected above the reporting limit.
J – Estimated value.

TABLE 4.3.1 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL VAPOR SAMPLING RESULTS

Parameter	Samples Collected on 6-17-2005	G-4	G-4	J-1	J-1	N-4	N-4
	Ambient 6-17-2005	10 ft	52 ft	10 ft	52 ft	10 ft	52 ft
	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)
1,1,1-Trichloroethane	U	65	U	370	160	190	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethane	U	2200	810	530	300	53	U
1,1-Dichloroethene	U	71	990	U	170	U	U
1,2,4-Trichlorobenzene	UJ	UJ	UJ	UJ	UJ	UJ	UJ
1,2,4-Trimethylbenzene	U	160	U	54	U	U	2
1,2-Dibromoethane	U	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	U	1500	99000	380	3400	790	6.7
1,2-Dichloropropane	U	U	U	U	U	U	U
1,2-Dichlorotetrafluoroethane	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	U	36	U	64	U	U	U
1,3-Butadiene	U	U	U	120	160	22	U
1,3-Dichlorobenzene	U	U	U	U	U	U	U
1,4-Dichlorobenzene	U	44	U	U	U	U	U
1,4-Dioxane	U	U	U	U	U	U	U
2,2,4-Trimethylpentane	U	430	U	840	U	U	U
2-Chlorotoluene	U	U	U	U	U	U	U
3-Chloropropene	U	U	U	U	U	U	U
4-Ethyltoluene	U	22	U	U	U	U	1.4
Acetone	U	480	U	U	U	U	15
Benzene	U	51	U	99	U	U	1
Bromodichloromethane	U	U	U	U	U	U	U
Bromoethene	U	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U	U
Carbon Disulfide	U	150	U	200	270	130	U
Carbon Tetrachloride	U	41	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U	U
Chloroethane	U	550	U	120	U	U	U
Chloroform	U	U	U	U	U	41	U
Chloromethane	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	1300	99000	320	3400	710	6.7
cis-1,3-Dichloropropene	U	U	U	U	U	U	U
Cyclohexane	U	55	U	240	U	U	U
Dibromochloromethane	U	U	U	U	U	U	U
Dichlorodifluoromethane	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Freon TF	U	U	U	U	U	U	U
Hexachlorobutadiene	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Isopropyl Alcohol	U	U	U	U	U	U	U
Methyl Butyl Ketone	U	U	U	U	U	U	U
Methyl Ethyl Ketone	2.1	120	U	U	U	U	2.8
Methyl Isobutyl Ketone	U	U	U	U	U	U	U
Methyl tert-Butyl Ether	U	U	U	U	U	U	U
Methylene Chloride	U	U	U	U	450	94	U
n-Heptane	U	110	U	190	330	U	U
n-Hexane	U	99	U	170	150	39	U
Styrene	U	U	U	U	89	32	U
tert-Butyl Alcohol	U	U	U	U	U	U	U
Tetrachloroethene	U	240	U	U	U	86	U
Tetrahydrofuran	U	U	U	U	U	U	U
Toluene	1.9	75	U	180	660	87	4.5
trans-1,2-Dichloroethene	U	250	U	56	U	83	U
trans-1,3-Dichloropropene	U	U	U	U	U	U	U
Trichloroethene	U	1100	17000	480	18000	8100 E	43
Trichlorofluoromethane	U	U	U	U	U	U	U
Vinyl Chloride	U	4300 E	1500	1200	360	U	U
Xylene (m,p)	1.1	22	U	52	U	U	2.6
Xylene (o)	U	31	U	48	U	U	1.3
Xylene (total)	1.1	52	U	100	U	U	3.9

E – Parameter detected above the upper calibration range limit.
U – Parameter was analyzed but was not detected above the reporting limit.
J – Estimated value.

TABLE 4.3.1 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL VAPOR SAMPLING RESULTS

Parameter	Samples Collected on 6-17-2005	N-7	N-7
	Ambient 6-17-2005	10 ft	52 ft
	(µg/m³)	(µg/m³)	(µg/m³)
1,1,1-Trichloroethane	U	120	190
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethene	U	130	49
1,1-Dichloroethene	U	U	U
1,2,4-Trichlorobenzene	U	UJ	UJ
1,2,4-Trimethylbenzene	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloroethene (total)	U	440	790
1,2-Dichloropropane	U	U	U
1,2-Dichlorotetrafluoroethane	U	U	U
1,3,5-Trimethylbenzene	U	U	U
1,3-Buladiene	U	U	22
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	U
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
2-Chlorotoluene	U	U	U
3-Chloropropene	U	U	U
4-Ethyltoluene	U	U	U
Acetone	U	330	U
Benzene	U	U	U
Bromodichloromethane	U	U	U
Bromoethene	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon Disulfide	U	140	93
Carbon Tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	40	U
Chloromethane	U	U	U
cis-1,2-Dichloroethene	U	370	710
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	U	U
Dibromochloromethane	U	U	U
Dichlorodifluoromethane	U	U	U
Ethylbenzene	U	U	U
Freon TF	U	U	U
Hexachlorobutadiene	U	UJ	UJ
Isopropyl Alcohol	U	470	U
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	2.1	47	U
Methyl Isobutyl Ketone	U	U	U
Methyl tert-Butyl Ether	U	U	U
Methylene Chloride	U	94	U
n-Heptane	U	U	U
n-Hexane	U	27	39
Styrene	U	31	U
tert-Butyl Alcohol	U	U	U
Tetrachloroethene	U	240	86
Tetrahydrofuran	U	U	U
Toluene	1.9	79	60
trans-1,2-Dichloroethene	U	87	87
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	U	4500	7500
Trichlorofluoromethane	U	U	U
Vinyl Chloride	U	U	U
Xylene (m,p)	1.1	36	U
Xylene (o)	U	24	U
Xylene (total)	1.1	61	U

E – Parameter detected above the upper calibration range limit.
U – Parameter was analyzed but was not detected above the reporting limit.
J – Estimated value.

TABLE 4.3.1 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL VAPOR SAMPLING RESULTS

Parameter	Samples Collected on 6-23-2005	E-11	G-11	H-13	H-13	I-3	I-5
	Ambient 6-23-2005	10 ft	10 ft	10 ft	52 ft	10 ft	10
	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)
1,1,1-Trichloroethane	U	U	40	U	36	210	150
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	120	210
1,1-Dichloroethene	U	U	9.5	U	U	U	U
1,2,4-Trichlorobenzene	UJ	UJ	UJ	UJ	UJ	UJ	UJ
1,2,4-Trimethylbenzene	U	84	110	150	130	110	69
1,2-Dibromoethane	U	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	210	79	37	U	48	1900	950
1,2-Dichloropropane	U	U	U	U	U	U	U
1,2-Dichlorotetrafluoroethane	U	U	84	U	U	U	U
1,3,5-Trimethylbenzene	U	26	34	46	40	38	U
1,3-Butadiene	U	27	U	20	88	22	U
1,3-Dichlorobenzene	U	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U	U
1,4-Dioxane	U	U	U	U	U	U	U
2,2,4-Trimethylpentane	U	U	U	U	U	U	U
2-Chlorotoluene	U	U	U	U	U	U	U
3-Chloropropene	U	U	U	U	U	U	U
4-Ethyltoluene	U	84	74	98	100	79	59
Acetone	U	U	U	200	400	U	U
Benzene	U	13	U	12	42	23	U
Bromodichloromethane	U	U	U	U	U	U	U
Bromoethene	U	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U	U
Carbon Disulfide	U	U	U	U	37	U	U
Carbon Tetrachloride	U	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U	U
Chloroform	1.1	U	83	130	540	26	U
Chloromethane	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	190	79	37	U	48	1700	870
cis-1,3-Dichloropropene	U	U	U	U	U	U	U
Cyclohexane	U	U	U	9.3	48	U	U
Dibromochloromethane	U	U	U	U	U	U	U
Dichlorodifluoromethane	U	11000 EJ	1200	5900 EJ	29000 J	U	U
Ethylbenzene	U	27	25	33	56	35	U
Freon TF	U	U	U	U	U	U	U
Hexachlorobutadiene	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Isopropyl Alcohol	U	U	U	U	U	U	U
Methyl Butyl Ketone	U	U	U	U	U	U	U
Methyl Ethyl Ketone	2.9	19	U	32	100	62	U
Methyl Isobutyl Ketone	U	U	U	U	U	U	U
Methyl tert-Butyl Ether	U	U	U	U	U	U	U
Methylene Chloride	U	U	U	U	U	U	U
n-Heptane	U	14	U	15	49	20	U
n-Hexane	U	13	U	16	70	24	39
Styrene	U	U	U	U	U	U	U
tert-Butyl Alcohol	U	U	U	U	U	U	U
Tetrachloroethene	3.1	2000	2200	2200	4400	5000	2600
Tetrahydrofuran	U	U	U	U	U	U	U
Toluene	0.94	79	60	87	230	100	83
trans-1,2-Dichloroethene	0.79	U	U	U	U	210	95
trans-1,3-Dichloropropene	U	U	U	U	U	U	U
Trichloroethene	4.1	46	260	28	100	3700	4500
Trichlorofluoromethane	1.1	U	53	21	44	U	U
Vinyl Chloride	U	U	51 U	U	U	U	U
Xylene (m,p)	U	120	120	160	230	150	120
Xylene (o)	U	43	48	61	87	61	48
Xylene (total)	U	170	170	220	320	210	170

E – Parameter detected above the upper calibration range limit.
U – Parameter was analyzed but was not detected above the reporting limit.
J – Estimated value.

TABLE 4.3.1 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL VAPOR SAMPLING RESULTS

Parameter	Samples Collected on 6-23-2005		J-9		J-9	
	Ambient 6-23-2005		10 ft		52 ft	
	(µg/m³)		(µg/m³)		(µg/m³)	
1,1,1-Trichloroethane		U		U		U
1,1,2,2-Tetrachloroethane		U		U		U
1,1,2-Trichloroethane		U		U		U
1,1-Dichloroethane		U		U		U
1,1-Dichloroethene		U	1100			U
1,2,4-Trichlorobenzene		U		UJ		UJ
1,2,4-Trimethylbenzene		U		U		U
1,2-Dibromoethane		U		U		U
1,2-Dichlorobenzene		U		U		U
1,2-Dichloroethane		U		U		U
1,2-Dichloroethene (total)	210		59000		320000	
1,2-Dichloropropane		U		U		U
1,2-Dichlorotetrafluoroethane		U		U		U
1,3,5-Trimethylbenzene		U		U		U
1,3-Butadiene		U		U		U
1,3-Dichlorobenzene		U		U		U
1,4-Dichlorobenzene		U		U		U
1,4-Dioxane		U		U		U
2,2,4-Trimethylpentane		U		U		U
2-Chlorotoluene		U		U		U
3-Chloropropene		U		U		U
4-Ethyltoluene		U		U		U
Acetone		U		U		U
Benzene		U		U		U
Bromodichloromethane		U		U		U
Bromoethene		U		U		U
Bromoform		U		U		U
Bromomethane		U		U		U
Carbon Disulfide		U		U		U
Carbon Tetrachloride		U		U		U
Chlorobenzene		U		U		U
Chloroethane		U		U		U
Chloroform	1.1			U		U
Chloromethane		U		U		U
cis-1,2-Dichloroethene	210	E	59000		320000	E
cis-1,3-Dichloropropene		U		U		U
Cyclohexane		U		U		U
Dibromochloromethane		U		U		U
Dichlorodifluoromethane		U		U		U
Ethylbenzene		U		U		U
Freon TF		U		U		U
Hexachlorobutadiene		U		UJ		UJ
Isopropyl Alcohol		U		U		U
Methyl Butyl Ketone		U		U		U
Methyl Ethyl Ketone	2.9			U	3500	
Methyl Isobutyl Ketone		U		U		U
Methyl tert-Butyl Ether		U		U		U
Methylene Chloride		U		U		U
n-Heptane		U		U		U
n-Hexane		U		U		U
Styrene		U		U		U
tert-Butyl Alcohol		U		U		U
Tetrachloroethene	3.1		1600			U
Tetrahydrofuran		U		U		U
Toluene	0.94			U		U
trans-1,2-Dichloroethene	0.79			U		U
trans-1,3-Dichloropropene		U		U		U
Trichloroethene	4.1		1700		5100	
Trichlorofluoromethane	1.1			U		U
Vinyl Chloride		U		U		U
Xylene (m,p)		U		U		U
Xylene (o)		U		U		U
Xylene (total)		U		U		U

E – Parameter detected above the upper calibration range limit.
U – Parameter was analyzed but was not detected above the reporting limit.
J – Estimated value.

TABLE 4.4.1. PCB GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[1]	CAMW-1		CAMW-2		CAMW-3		CAMW-4	
	(µg/L)	(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Aroclor 1016		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1221		2.0	U	2.0	U	2.0	U	2.0	U
Aroclor 1232		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1242		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1248		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1254		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1260		1.0	U	1.0	U	1.0	U	1.0	U
Total	0.09		U		U		U		U

[1] 6 NYCRR Part 703

U – Compound was analyzed for but not detected, i.e., less than the IDL.

TABLE 4.4.1. PCB GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[1]	CAMW-1		CAMW-2		CAMW-3		CAMW-4	
	(µg/L)	(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Aroclor 1016		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1221		2.0	U	2.0	U	2.0	U	2.0	U
Aroclor 1232		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1242		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1248		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1254		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor 1260		1.0	U	1.0	U	1.0	U	1.0	U
Total	0.09		U		U		U		U

[1] 6 NYCRR Part 703

U – Compound was analyzed for but not detected, i.e., less than the IDL.

TABLE 4.4.2. METALS GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[1]	CAMW-1		CAMW-2		CAMW-3		CAMW-4	
	(µg/L)	(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Mercury	0.7	0.10	U	0.10	U	0.10	U	0.10	U
Aluminum	2000[2]	74.6	BU	48.8	BU	56.8	BU	55.4	BU
Antimony	3	3.3	U	3.3	U	3.3	U	3.3	U
Arsenic	25	5.6	U	5.6	U	5.6	U	5.6	U
Barium	1000	19.0	B	69.4	B	62.5	B	79.5	B
Beryllium		17.1	U	17.1	U	17.1	U	17.1	U
Calcium		15600		49200		95300		61400	
Cadmium	5	0.37	U	0.37	U	0.52	B	0.37	U
Chromium	50	4.5	BU	2.5	BU	2.8	BU	4.0	BU
Cobalt		1.1	U	4.5	B	1.1	U	3.8	B
Copper	200	2.1	B	0.98	U	2.3	B	1.4	B
Iron	300	76.9	BU	44.7	BU	59.1	BU	62.1	BU
Lead	25	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium		1290	B	7880		5680		7620	
Manganese	300	12.7	B	16.3		11.3	B	77.1	
Nickel	100	2.0	U	2.0	U	2.0	U	3.7	B
Potassium		10100	EJ	7280	EJ	8640	EJ	15400	EJ
Selenium	10	5.4	U	5.4	U	5.4	U	5.4	U
Silver	50	3.6	U	3.6	U	3.6	U	3.6	U
Sodium	20000	30500		59800		105000		44200	E
Thallium		5.0	U	5.0	U	5.0	U	5.0	U
Vanadium		5.4	U	5.4	U	5.4	U	5.4	U
Zinc	5000	18.2	BU	17.5	BU	51.1	U	54.1	U
Chromium (VI)	50	1.1	U	0.02	U	0.02	U	0.02	U
Cyanide		0.57	U	10.0	U	10.0	U	10.0	U

[1] 6 NYCRR Part 703
Effluent Limitation
B – Reported value is less than the Contract Required Detection Limit (CRDL) but greater than the Instrument Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
U – Compound was analyzed for but not detected, i.e., less than the IDL.

TABLE 4.4.3. VOLATILE ORGANIC COMPOUND GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[1]	CAMW-1	CAMW-2	CAMW-3	CAMW-4
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,1,1 Trichloroethane	5.0	10 U	8 J	10 U	10 U
1,1,2,2-Tetrachloroethane	5.0	10 U	10 U	10 U	10 U
1,1,2 Trichloroethane	1.0	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5.0	10 U	11	4 J	10 U
1,1-Dichloroethene	5.0	10 U	10	2 J	10 U
1,2-Dichloroethane	0.6	10 U	10 U	10 U	10 U
1,2-Dichloroethene	5.0	20	590	1400	32
1,2 Dichloropropane	1.0	10 U	10 U	10 U	10 U
2-Butanone	50	10 U	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U	10 U
Benzene	1.0	10 U	10 U	10 U	10 U
Bromodichloromethane	50	10 U	10 U	10 U	10 U
Bromoform	50	10 U	10 U	10 U	10 U
Bromomethane	5.0	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U
Carbon Tetrachloride	5.0	10 U	10 U	10 U	10 U
Chlorobenzene	5.0	10 U	10 U	10 U	10 U
Chloroethane	5.0	10 U	10 U	10 U	10 U
Chloroform	7.0	1 J	10 U	2 J	1 J
Chloromethane		10 U	10 U	10 U	10 U
cis-1,3 Dichloropropene	0.4	10 U	10 U	10 U	10 U
Dibromochloromethane	50	10 U	10 U	10 U	10 U
Ethylbenzene	5.0	10 U	10 U	10 U	10 U
Methyl-t-butyl ether	5.0	10 U	10 U	10 U	10 U
Methylene chloride	5.0	10 U	10 U	10 U	10 U
Styrene	5.0	10 U	2 J	3 J	10 U
Tetrachloroethene	5.0	10 U	10 U	10 U	10 U
Toluene	5.0	10 U	10 U	10 U	10 U
trans-1,3 Dichloropropene	0.4	11	170	54	5 J
Trichloroethene	5.0	10 U	10 U	10 U	10 U
Vinyl chloride	2.0	10 U	10 U	10 U	10 U
Xylenes	5.0	10 U	8 J	10 U	10 U
Chlorodifluoromethane[2]	5.0	--	--	--	200 JN

[1] 6 NYCRR Part 703.
[2] Tentatively Identified Compound (TIC).
D – Compound identified in an analysis at a secondary dilution factor.
J – Estimated value.
N – Indicates presumptive evidence of a TIC.
U – Compound analyzed for but not detected.

TABLE 4.4.4. SEMI-VOLATILE ORGANIC COMPOUND (SVOC) GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[a]	CAMW-1	CAMW-2	CAMW-3	CAMW-4
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U
2,2'-oxybis(1-chloropropane)	–	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	–	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	–	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	50	10 U	10 U	10 U	10 U
2,6 Dinitrotoluene	5	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Chlorophenol	–	10 U	10 U	10 U	10 U
2-Methylnaphthalene	–	10 U	10 U	10 U	10 U
2-Methylphenol	–	10 U	10 U	10 U	10 U
2-Nitroaniline	5	25 U	25 U	25 U	25 U
2-Nitrophenol	–	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U
3-Nitroaniline	5	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	–	25 U	25 U	25 U	25 U
4-Bromophenyl-phenylether	–	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	–	10 U	10 U	10 U	10 U
4- Chloroaniline	5	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	–	10 U	10 U	10 U	10 U
Methylphenol	–	10 U	10 U	10 U	10 U
itroaniline	5	25 U	25 U	25 U	25 U
Nitrophenol	–	25 U	25 U	25 U	25 U
Acenaphthene	20	10 U	10 U	10 U	10 U
Acenaphthylene	–	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U
Benzo(a)pyrene	–	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	–	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	5	10 U	10 U	10 U	10 U
bis(2-chloroethyl)ether	5	10 U	10 U	10 U	10 U
bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U
Butyl benzyl phthlate	50	10 U	10 U	10 U	10 U
Carbazole	–	10 U	10 U	10 U	10 U
Chrysene	0.002	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	–	10 U	10 U	10 U	10 U
Dibenzofuran	–	10 U	10 U	10 U	10 U
Diethylphthlate	50	10 U	10 U	10 U	10 U
Dimethylphthlate	50	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	–	10 U	10 U	10 U	10 U
Di-n-octyl phthlate	50	10 UJ	10 UJ	10 UJ	10 UJ
Fluoranthene	50	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U
Indeno (1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	50	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U
Pentachlorophenol	5	25 U	25 U	25 U	25 U
Phenanthrene	50	10 U	10 U	10 U	10 U
Phenol	1.0	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U

NYCRR Part 703.
Compound analyzed for but not detected.

TABLE 4.4.4. SEMI-VOLATILE ORGANIC COMPOUND (SVOC) GROUNDWATER SAMPLING RESULTS

Parameter	NYSDEC Class GA Groundwater Standard[(a)]	CAMW-1	CAMW-2	CAMW-3	CAMW-4
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U
2,2'-oxybis(1-chloropropane)	–	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	–	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	–	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	50	10 U	10 U	10 U	10 U
2,6 Dinitrotoluene	5	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Chlorophenol	–	10 U	10 U	10 U	10 U
2-Methylnaphthalene	–	10 U	10 U	10 U	10 U
2-Methylphenol	–	10 U	10 U	10 U	10 U
2-Nitroaniline	5	25 U	25 U	25 U	25 U
2-Nitrophenol	–	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U
3-Nitroaniline	5	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	–	25 U	25 U	25 U	25 U
4-Bromophenyl-phenylether	–	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	–	10 U	10 U	10 U	10 U
4- Chloroaniline	5	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	–	10 U	10 U	10 U	10 U
4-Methylphenol	–	10 U	10 U	10 U	10 U
4-Nitroaniline	5	25 U	25 U	25 U	25 U
4-Nitrophenol	–	25 U	25 U	25 U	25 U
Acenaphthene	20	10 U	10 U	10 U	10 U
Acenaphthylene	–	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	10 U	10 U	10 U	10 U
Benzo(a)pyrene	–	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	–	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	5	10 U	10 U	10 U	10 U
bis(2-chloroethyl)ether	5	10 U	10 U	10 U	10 U
bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U
Butyl benzyl phthlate	50	10 U	10 U	10 U	10 U
Carbazole	–	10 U	10 U	10 U	10 U
Chrysene	0.002	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	–	10 U	10 U	10 U	10 U
Dibenzofuran	–	10 U	10 U	10 U	10 U
Diethylphthlate	50	10 U	10 U	10 U	10 U
Dimethylphthlate	50	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	–	10 U	10 U	10 U	10 U
Di-n-octyl phthlate	50	10 UJ	10 UJ	10 UJ	10 UJ
Fluoranthene	50	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U
Indeno (1,2,3-cd)pyrene	0.002	10 U	10 U	10 U	10 U
Isophorone	50	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	50	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U
Pentachlorophenol	5	25 U	25 U	25 U	25 U
Phenanthrene	50	10 U	10 U	10 U	10 U
Phenol	1.0	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U

[(a)] NYCRR Part 703.
U Compound analyzed for but not detected.

TABLE 5.1.1. QA/QC TRIP BLANK SAMPLING RESULTS FOR VOLATILE ORGANIC COMPOUNDS

Parameter	TB-1		TB-2		TB-4		TB-6		TB-10		TB-12		TB-18	
	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2 Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes	10	U	10	U	10	U	10	U	10	U	10	U	10	U

(1) 6 NYCRR Part 703.

U – Compound analyzed for but not detected.

TABLE 5.1.1 (continued). QA/QC TRIP BLANK SAMPLING RESULTS FOR VOLATILE ORGANIC COMPOUNDS

Parameter	TB-19		TB-22		TB-23		TB-26		TB-27		TB-29		TB-31	
	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2 Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ylbenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
hylene chloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
yrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes	10	U	10	U	10	U	10	U	10	U	10	U	10	U

(1) 6 NYCRR Part 703.

U – Compound analyzed for but not detected.

TABLE 5.1.1 (continued). QA/QC TRIP BLANK SAMPLING RESULTS FOR VOLATILE ORGANIC COMPOUNDS

Parameter	TB-33		TB-36		TB-39		TB-43		TB-45		TRIP BLANK 7-13-05	
	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2 Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U
1,2 Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	6	J	10	U
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	10	U	10	U	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3 Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes	10	U	10	U	10	U	10	U	10	U	10	U

(1) 6 NYCRR Part 703.
J – Estimated value.
U – Compound analyzed for but not detected.

TABLE 5.1.2. QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	A-4		A-6		B-1		B-5		B-9		B-11		C-2	
		8-10	BD[2]	4-6	BD	28-30	BD	2-4	BD	0-2	BD	28-30	BD	0-2	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	U	U	U	U	U	U	U	U	UXJ	U	U	U	UXJ
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		U	U	U	U	U	U	U	U	U	UXJ	U	U	U	UXJ
Aroclor 1242		U	U	U	U	U	U	29 J	31 J	62	410	U	U	180	340
Aroclor 1248		U	U	U	U	U	U	U	U	U	UXJ	U	U	U	UXJ
Aroclor 1254		U	U	U	U	U	U	38 P	38 PJ	33 J	UXJ	U	U	U	170 ZJ
Aroclor 1260		U	U	U	U	U	U	22 J	U	20 J	U	U	U	36 J	48
Total	1000/10000							89	69	115	410			216	510

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	C-5		C-9		D-1		D-3		D-7		D-8		D-10	
		8-10	BD[2]	8-10	BD	38-40	BD	48-50	BD	18-20	BD	4-6	BD	2-4	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	UXJ	U	UXJ	U	U	U	U	U	UXJ	U	UXJ	U	UXJ
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		U	UXJ	U	UXJ	U	U	U	U	U	UXJ	U	UXJ	U	UXJ
Aroclor 1242		1800 D	5100 D	U	1100 D	U	U	U	U	210	250	2100 D	1200 D	81	160
Aroclor 1248		U	UXJ	U	UXJ	U	U	U	U	U	UXJ	U	UJ	U	UXJ
Aroclor 1254		U	UXJ	U	UXJ	U	U	U	U	U	U	U	210 Z	39 Z	49 ZJ
Aroclor 1260		61	120	U	37	U	U	U	U	27 J	34 J	110	62	U	U
Total	1000/10000	1861	5220		1137					237	284	2210	1472	120	209

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	E-3		E-6		E-9		F-3		F-4		F-5		F-9	
		2-4	BD[2]	4-6	BD	0-2	BD	4-6	BD	8-10	BD	0-2	BD	4-6	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		UX	UXJ	U	UXJ	U	U	U	UX	U	U	U	U	U	U
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		UX	UXJ	U	UXJ	U	U	U	UX	U	U	U	U	U	U
Aroclor 1242		1100 D	3300 D	180	72	45	26 J	47	150	U	U	31 J	30 J	U	U
Aroclor 1248		UX	UXJ	U	UXJ	U	U	U	UX	U	U	U	U	U	U
Aroclor 1254		740 DZ	UXJ	U	U	49	48	25 JZ	78 PZ	U	U	22 PJ	U	U	U
Aroclor 1260		95	72	U	U	U	26 PJ	U	20 J	U	U	U	U	U	U
Total	1000/10000	1935	3372	180	72	94	100	72	248			53	30		

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	F-13		G-2		G-6		G-9		G-14		H-1		H-7	
		8-10	BD[2]	0-2	BD	0-2	BD	0-2	BD	8-10	BD	28-30	BD	8-10	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	U	U	UXJ	U	U	U	UXJ	U	U	U	U	U	U
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		U	U	U	UXJ	U	U	U	UXJ	U	U	U	U	U	U
Aroclor 1242		22 J	U	150	120	U	U	110	93	U	20 j	U	U	U	U
Aroclor 1248		U	U	U	UXJ	U	U	U	UXJ	U	U	U	U	U	U
Aroclor 1254		24 PJ	U	77 Z	65 JZ	U	U	190	120	U	U	U	U	U	U
Aroclor 1260		U	U	25 J	25 PJ	U	U	24 J	U	U	U	U	U	U	U
Total	1000/10000	46		252	210			324	213						

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046. Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	H-10		I-1		I-3		I-9		I-11		J-1		J-5	
		0-2	BD[2]	0-2	BD	8-10	BD	2-4	BD	4-6	BD	4-6	BD	0-2	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	U	U	UXJ	U	U	U	U	U	U	U	UXJ	U	U
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		U	U	U	UXJ	U	U	U	U	U	U	U	UXJ	U	U
Aroclor 1242		49 P	50	550	590 D	19 J	U	U	U	U	U	3500 D	5400 D	69	30 J
Aroclor 1248		U	U	U	UXJ	U	U	U	U	U	U	U	UXJ	U	U
Aroclor 1254		43 Z	44 JZ	250 PZ	200 JZ	U	U	U	U	U	U	1500 DZ	1800 DZJ	98	55
Aroclor 1260		U	U	75	47	U	U	U	U	U	U	530	500	21 J	U
Total	1000/10000	92	94	875	837	19						5530	7700	188	85

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	J-7		K-7		L-7		M-6		N-4		N-5		N-6	
		48-50	BD[2]	8-10	BD	8-10	BD	8-10	BD	8-10	BD	2-4	BD	2-4	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	U	U	U	U	U	U	U	U	U	U	UXJ	U	UXJ
Aroclor 1221		U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		U	U	U	U	U	U	U	U	U	U	U	UXJ	U	UXJ
Aroclor 1242		U	U	41	66	U	U	U	U	U	U	30 J	190 J	76	160
Aroclor 1248		U	U	U	U	U	U	U	U	U	U	U	UXJ	U	UXJ
Aroclor 1254		U	U	37	58	U	U	U	U	U	U	U	51	39	65
Aroclor 1260		U	U	U	U	U	U	U	U	U	U	U	U	30 J	19 J
Total	1000/10000			78	124							30	241	145	244

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.2 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR PCBS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	N-7		N-9	
		28-30	BD[2]	8-10	BD
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Aroclor 1016		U	U	U	UXJ
Aroclor 1221		U	U	U	U
Aroclor 1232		U	U	U	UXJ
Aroclor 1242		21 J	30 J	170	280
Aroclor 1248		U	U	U	UXJ
Aroclor 1254		U	20 J	1200 D	1800
Aroclor 1260		U	U	120	140
Total	1000/10000	21	50	1490	2220

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. 1 mg/kg for surface soils. 10 mg/kg for subsurface soils.
(2) BD = Blind Duplicate
D - Compound detected in an analysis at a secondary dilution factor.
J – Estimated Value.
P – Greater than 25% difference detected between concentrations on two Gas Chromatograph columns.
U – Compound not detected.
X – Aroclor compound may be partially masked by the presence of another Aroclor.
Z – Indicates compound may be biased high due to presence of another Aroclor.

TABLE 5.1.3. QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	A-4				A-6				B-1				B-5				B-9			
			8-10		BD[2]		4-6		BD		28-30		BD		2-4		BD		0-2		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.051	U	0.051	U	0.054	U	0.054	B	0.052	U	0.052	U	0.054	UN	0.055	RUN	0.052	U	0.052	U
Arsenic	7.5 or SB	3 - 12	0.66	B*	1.3	J*	3.2	*	3.3	J*	1.4		1.2		3.8		2.4		1.8		1.5	
Barium	300 or SB	15 - 600	10.2	B	6.9	B	17.7	B	27.1		6.9	B	5.8	B	31.5		19.9	B	13.0	B	13.6	B
Cadmium	10	0.1 - 1	0.18	B	0.045	B	0.099	B	0.13	B	0.068	U	0.042	U	0.46	B	0.26	B	0.97		0.13	B
Chromium	50	1.5 - 40	3.4	*	6.6	J*	9.9	*	12.8	J*	7.8		6.9		15.0		11.9		25.5		14.8	
Lead	400	200 - 500	1.8	*	4.1	J*	8.7	*	8.0	J*	1.4		0.97		9.6	*	5.9	J*	10.7		2.6	
Selenium	2 or SB	0.1 - 3.9	0.55	U	0.18	U	0.58	UN	0.19	UN	0.48	UN	0.25	UN	0.51	UN	0.26	JUN	0.56	U	0.19	U
Silver	SB	N/A	0.36	U	0.051	U	0.38	U	0.054	U	0.14	U	0.042	U	0.37	BN	0.18	JBN	2.8		0.44	B

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e.. less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	B-11				C-2				C-5				C-9				D-1			
			28-30		BD[2]		0-2		BD		8-10		BD		8-10		BD		38-40		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.053	U	0.052	U	0.10	BN	0.067	RBN	0.080	B	0.065	B	0.052	U	0.055	U	0.051	U	0.052	U
Arsenic	7.5 or SB	3 - 12	9.5		10.5		4.0	N	3.1	JN	2.3		4.6		0.85	B	1.8		3.9		0.22	U
Barium	300 or SB	15 - 600	5.1	B	5.8	B	29.0		27.7		19.0	B	30.2		5.3	B	15.3	B	6.7	B	5.8	B
Cadmium	10	0.1 - 1	0.060	B	0.021	U	1.3		1.7		0.45	BN*	1.4	JN*	0.062	B	0.14	B	0.038	U	0.021	U
Chromium	50	1.5 - 40	33.5		26.4		27.6		25.1		18.6		32.8		10.9		11.8		33.4		3.3	
Lead	400	200 - 500	0.82	RN	0.62	N	12.8	N*	12.4	RN*	6.8		16.6		1.3		3.7		0.12	U	0.43	
Selenium	2 or SB	0.1 - 3.9	0.57	U	0.19	U	0.52	U	0.25	U	0.58	U	0.20	U	0.55	U	0.20	U	0.55	U	0.19	U
Silver	SB	N/A	0.38	U	0.052	U	3.8		2.9		0.52	B	1.9		0.37	U	0.055	U	0.37	U	0.052	U

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	D-3				D-7				D-8				D-10				E-3			
			48-50		BD[2]		18-20		BD		4-6		BD		2-4		BD		2-4		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.053	U	0.052	U	0.052	U	0.054	U	0.085	B	0.052	U	0.053	U	0.15		0.14	
Arsenic	7.5 or SB	3 - 12	0.59	U	0.22	U	1.4	*E	1.7	J*E	3.0		3.0		2.0		2.1		7.7	N*	7.6	JN*
Barium	300 or SB	15 - 600	1.3	B	1.3	B	8.8	B	12.4	B	20.7	B	20.2	B	11.9	B	10.2	B	29.8		25.6	
Cadmium	10	0.1 - 1	0.038	U	0.021	U	0.18	B*	0.29	JB*	0.91		0.85		0.038	U	0.021	U	0.91		0.94	
Chromium	50	1.5 - 40	0.56	B*	1.8	*	13.8	*E	25.1	J*E	40.3		29.2		6.9	*	9.0	J*	16.0	*E	37.9	J*E
Lead	400	200 - 500	0.71		0.49		2.0	*E	2.7	J*E	20.2	*	19.7	J*	2.3		2.0		21.5	*	27.8	J*
Selenium	2 or SB	0.1 - 3.9	0.56	U	0.19	U	0.49	UN	0.25	RUN	0.58	U	0.20	U	0.56	UN	0.19	UN	0.66		1.3	
Silver	SB	N/A	0.37	U	0.053	U	0.17	B	0.25	B	2.5		2.1		0.37	U	0.053	U	0.97	B	3.1	

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	E-6				E-9				F-3				F-4				F-5			
			4-6		BD[2]		0-2		BD		4-6		BD		8-10		BD		0-2		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.052	U	0.067	B	0.060	B	0.053	U	0.055	U	0.051	U	0.051	U	0.051	U	0.053	U
Arsenic	7.5 or SB	3 - 12	1.1		1.3		3.5		2.4		3.5		2.1		0.92	B	0.74	B	2.3		3.4	
Barium	300 or SB	15 - 600	10.7	B	11.6	B	18.5	B	12.0	B	18.1	B	12.6	B	5.9	B	5.6	B	10.4		13.2	
Cadmium	10	0.1 - 1	0.14	B	0.13	B	0.22	B	0.072	B	0.34	B	0.36	B	0.038	U	0.020	U	0.067	B	0.021	U
Chromium	50	1.5 - 40	11.5	N	10.6	NR	10.1		6.3		17.8	*E	14.8	J*E	13.4	*	20.1	J*	24.9		33.1	
Lead	400	200 - 500	1.9	*	2.4	J*	6.6		5.3		10.1	N*	4.7	JN*	0.89	N*	0.63	RN*	1.3		0.075	U
Selenium	2 or SB	0.1 - 3.9	0.55	U	0.56	U	0.49	UN	0.25	UN	0.56	U	0.59	U	0.55	U	0.18	U	0.55	U	0.19	U
Silver	SB	N/A	0.37	U	0.37	U	0.14	U	0.041	U	1.3		0.55	B	0.37	U	0.051	U	0.37	U	0.053	U

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	F-9				F-13				G-2				G-6				G-9			
			4-6		BD[2]		8-10		BD		0-2		BD		0-2		BD		0-2		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.051	U	0.051	U	0.051	U	0.052	U	0.053	U	0.053	U	0.055	U	0.052	U	0.052	U	0.053	B
Arsenic	7.5 or SB	3 - 12	1.6		0.93	B	0.89	B	1.4		7.1		19.4		1.1		1.2		1.2		1.2	
Barium	300 or SB	15 - 600	5.5	B	12.4	B	4.6	B	7.0	B	14.6	B	17.2	B	15.6	BE	8.5	JBE	6.7	B	9.4	B
Cadmium	10	0.1 - 1	0.038	U	0.020	U	0.038	U	0.021	U	0.69	N*	4.1	RN*	0.14	B	0.24	B	0.038	U	0.021	U
Chromium	50	1.5 - 40	4.9	*	5.6	*	5.1		6.7		22.2	*	35.9	J*	19.2	N*	19.3	JN*	4.9		6.2	
Lead	400	200 - 500	1.2		0.79		0.86	NE	1.7	JNE	6.1		14.4		3.1	N*	1.3	JN*	1.5		1.9	
Selenium	2 or SB	0.1 - 3.9	0.55	U	0.18	U	0.55	U	0.19	U	0.56	U	0.19	U	0.51	UN	0.49	JUN	0.55	U	0.19	U
Silver	SB	N/A	0.37	UN	0.051	UN	0.37	U	0.052	U	1.8		3.0		0.15	U	0.14	U	0.37	U	0.052	U

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	G-14				H-1				H-7				H-10				I-1			
			8-10		BD[2]		28-30		BD		8-10		BD		0-2		BD		0-2		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.051	U	0.052	U	0.12		1.4		0.058	U	0.051	U	0.051	U	0.11		0.10	B
Arsenic	7.5 or SB	3 - 12	1.2		0.81	B	0.81	B	4.7		6.7	B	1.2		0.78	B	0.93	B	7.3		3.7	
Barium	300 or SB	15 - 600	6.3	B	6.4	B	8.4	B	9.8	B	0.11	B	8.3	B	6.5	B	3.0	B	25.8		16.3	B
Cadmium	10	0.1 - 1	0.038	U	0.27	B	0.038	U	0.091	B	10.3		0.069	B	0.053	B	0.020	U	0.39	BN	0.24	JBN
Chromium	50	1.5 - 40	10.5	N	38.4	JN	3.5		8.9		0.35	*	12.5		6.1	*	2.1	J*	32.2		28.4	
Lead	400	200 - 500	1.6	N	1.4	JN	0.55		0.96		0.55	U	0.40	J*	2.0		0.84		20.4		10.5	
Selenium	2 or SB	0.1 - 3.9	0.56	U	0.18	U	0.55	U	0.19	U	0.37	U	0.21	U	0.55	U	0.18	U	0.56	UN	0.57	JUN
Silver	SB	N/A	0.37	U	0.051	U	0.37	U	0.052	U	1.4		0.058	U	0.37	U	0.051	U	2.8		1.0	B

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	I-3				I-9				I-11				J-1				J-5			
			8-10		BD[2]		2-4		BD		4-6		BD		4-6		BD		0-2		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.051	UN	0.052	JUN	0.052	U	0.052	U	0.052	U	0.052	U	0.51		0.18		0.052	U	0.053	U
Arsenic	7.5 or SB	3 - 12	0.31	U	0.20	U	0.58	U	1.3	J	0.53	B	0.38	B	6.5		4.9		1.9		2.5	
Barium	300 or SB	15 - 600	4.7	B	5.6	B	5.5	B	109	J	5.4	B	4.9	B	187		64.3		14.1	B	20.6	B
Cadmium	10	0.1 - 1	0.41	BE	0.68	JE	0.17	BN*	0.43	BJN*	0.068	U	0.031	U	26.3		11.1		0.13	B	0.20	B
Chromium	50	1.5 - 40	5.8		8.6		4.8	N*	9.1	JN*	5.7		6.3		287		244		11.0		12.8	
Lead	400	200 - 500	1.4		2.0		0.88		1.8		0.93		1.6		61.1		39.2		2.6		3.8	
Selenium	2 or SB	0.1 - 3.9	0.48	U	0.48	U	0.56	U	0.55	U	0.51	BN	0.61	JN	0.84	N	0.97	N	0.56	UN	0.19	JUN
Silver	SB	N/A	0.14	U	0.041	U	0.37	U	0.37	U	0.14	U	0.052	U	2.9		2.9		0.37	U	0.053	U

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4048.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	J-7				K-7				L-7				M-6				N-4			
			48-50		BD[2]		8-10		BD		8-10		BD		8-10		BD		8-10		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.055	U	0.052	U	0.052	U	0.053	U	0.051	U	0.052	U	0.052	U	0.051	U	0.052	UN	0.052	UN
Arsenic	7.5 or SB	3 - 12	2.8		2.9	J	1.3		1.2		0.57	B	0.79	B	0.80	B	1.2		0.75	B	0.63	B
Barium	300 or SB	15 - 600	7.2	B	4.4	B	12.5	B	8.0	B	6.1	BE	6.2	BEJ	4.2	B	4.1	B	10.1	B	4.5	B
Cadmium	10	0.1 - 1	0.073	U	0.041	U	0.068	U	0.032	U	0.067	U	0.031	U	0.16	B	0.12	B	0.068	U	0.042	U
Chromium	50	1.5 - 40	3.0	N*	2.3	JN*	18.6	N*	9.9	JN*	6.6	*E	13.6	*EJ	3.7		8.1		5.2	N	2.5	JN
Lead	400	200 - 500	2.4	N	2.1	JN	2.9	N*	1.8	JN*	0.76	N	1.1	JN	0.54		0.58		2.7		1.4	
Selenium	2 or SB	0.1 - 3.9	0.52	U	0.25	U	0.49	U	0.22	U	0.48	U	0.22	U	0.56	U	0.31	U	0.49	U	0.25	U
Silver	SB	N/A	0.15	U	0.041	U	0.14	U	0.053	U	0.14	U	0.052	U	0.37	U	0.077	U	0.14	U	0.042	U

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N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

TABLE 5.1.3 (continued). QA/QC BLIND DUPLICATE RESULTS COMPARISON FOR METALS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	N-5				N-6				N-7				N-9			
			2-4		BD[2]		2-4		BD		28-30		BD		8-10		BD	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.053	U	0.053	U	0.054	U	0.052	U	0.054	U	0.054	U	0.052	U	0.29	
Arsenic	7.5 or SB	3 - 12	1.2		1.2		3.6		1.0	J	1.6		2.7		0.59	UN*	0.63	BJN*
Barium	300 or SB	15 - 600	7.7	B	9.2	B	84.1		13.4	BJ	9.9	B	7.9	B	4.9	B	6.6	B
Cadmium	10	0.1 - 1	0.24	B	0.35	B	1.3		0.38	B	0.071	U	0.043	U	0.17	B	0.20	B
Chromium	50	1.5 - 40	3.4		4.7		14.8	N	17.8	JN	9.2	*	6.1	*	10.5		11.1	
Lead	400	200 - 500	1.7		1.9		21.8	N*	1.4	JN*	2.0		1.8		1.9		2.4	
Selenium	2 or SB	0.1 - 3.9	0.56	U	0.56	U	0.58	U	0.56	U	0.51	UN	0.26	UN	0.56	U	0.56	U
Silver	SB	N/A	0.38	U	0.38	U	0.38	U	0.37	U	0.15	U	0.043	U	0.37	U	0.37	U

(1) New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
(2) BD = Blind Duplicate
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.

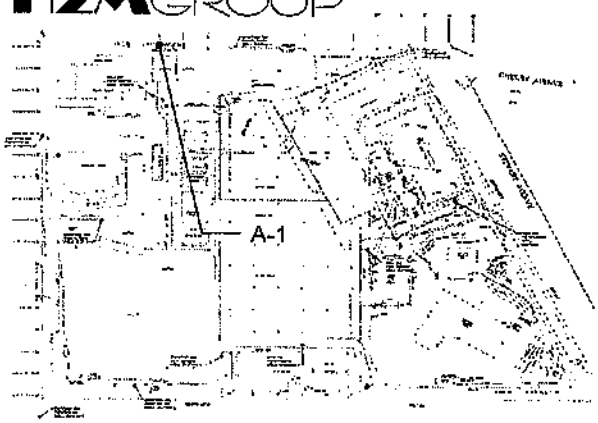
TABLE 6.3.1. QUALITATIVE RISK CHARACTERIZATION

Functional Exposure Pathway	Potential Receptor Population	Qualitative Potential Risk
Ingestion of Contaminated Soil	Visitors/Workers at Site	Present MINOR
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Inhalation of Vapors	Visitors/Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Inhalation of Contaminated Dust During Remediation Activities	Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Direct Contact with Runoff Water	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Ingestion of Contaminated Groundwater	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Dermal Absorption of Contaminants In Soil	Visitors/Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Dermal Absorption of Contaminants In Groundwater	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor

TABLE 6.3.1. QUALITATIVE RISK CHARACTERIZATION

Functional Exposure Pathway	Potential Receptor Population	Qualitative Potential Risk
Ingestion of Contaminated Soil	Visitors/Workers at Site	Present MINOR
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Inhalation of Vapors	Visitors/Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Inhalation of Contaminated Dust During Remediation Activities	Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Direct Contact with Runoff Water	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Ingestion of Contaminated Groundwater	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Dermal Absorption of Contaminants in Soil	Visitors/Workers at Site	Present
	Area Residents	Minor
	Construction/Remedial Workers	Minor
Dermal Absorption of Contaminants in Groundwater	Visitors/Workers at Site	Minor
	Area Residents	Minor
	Construction/Remedial Workers	Minor

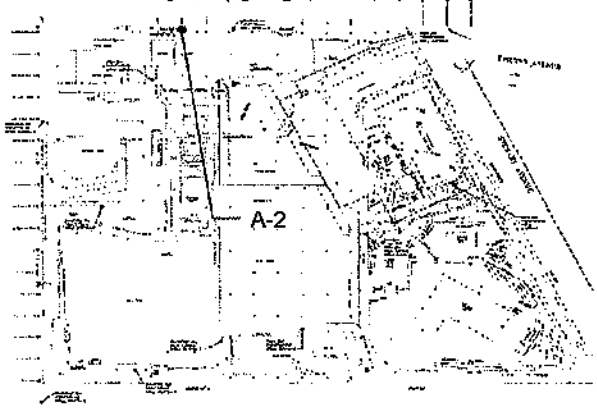
H2MGROUP



Boring # A-1	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # TOBY **0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/7/05		
COMPLETION TIME:	DATE: 6/7/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	0-1' Brown Top Soil, Grass	PID (0'-2'): 0.0
			1-2' Brown SW w/ cobble	
			2-3' Tan SW w/ clay, little cobble	PID (2'-4'): 0.0
4-8	4'	3'3"	4'- 4'3" Clay, some cobble	PID (4'-6'): 0.0
			4'- 8' Tan, Sandy SW w/ small bits of cobble	
				PID (6'-8'): 0.0
8-10	2'	2'	8'- 8'6" Gray, sandy SW	PID (8-10): 0.0
			8'6"- 9' Brown, Rich SW w/ cobble	
			9'-10' Tan, sandy SW	

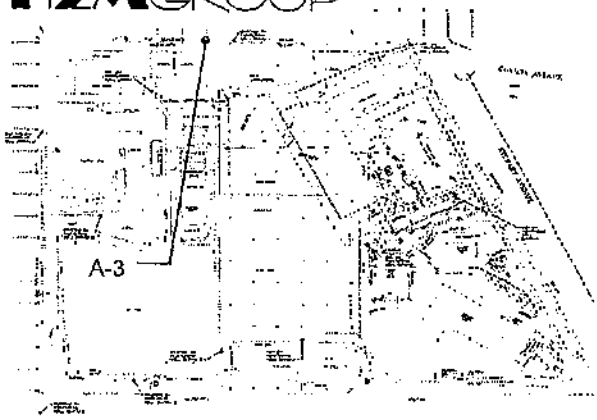
H2MGROUP



Boring # A-2	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/7/05		
COMPLETION TIME:	DATE: 6/7/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	2	1'-2'6" Top soil, Brown SW w/ roots	PID (0'-2'): 0.0
			2'6"-4' Tan SW, sandy	
				PID (2'-4'): 0.0
4-8	4'	3'	4'-5' Tan/Brown SM w/ clay	PID (4'-6'): 0.0
			5'-5'2" Crushed rock	
			5'2"-8' Tan, sandy SW w/ cobble	PID (6'-8'): 0.0
8-10	2'	2'	8'-10' Tan, sandy SW w/ cobble	PID (8-10): 0.0

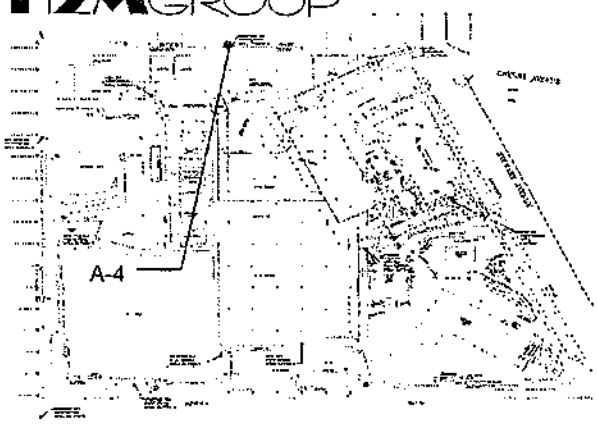
H2MGROUP



Boring # A-3	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TDBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"		total depth	10'
		elevation	
HAMMER WT:		DROP:	
START TIME:		DATE: 6/7/05	
COMPLETION TIME:		DATE: 6/7/05	
BACKFILL TIME:		DATE:	
		Casing depth:	
		Screen depth:	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	2'	0-1'3" Brown top soil w/ grass, roots, cobble	PID (0'-2'): 0.0
			1'3"-2' Tan, sandy SW w/ cobble	
				PID (2'-4'): 0.0
4-8	4'	3'6"	4'-5' Tan SM, fine, compact, clay-like w/ small cobble	PID (4'-6'): 0.0
			5'-8' Tan, sandy SW w/ cobble	
				PID (6'-8'): 0.0
8-10	2'	2'	8'-10' Tan, sandy SW w/ cobble	PID (8'-10'): 0.0

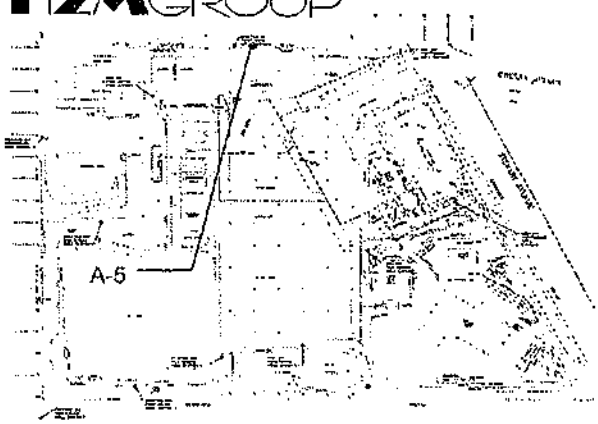
H2MGROUP



Boring # A-4	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Services			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/3/05		
COMPLETION TIME:	DATE: 6/3/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	1'-2' Grass, roots, brown SW w/ cobble	PID (0'-2'): 0.0
			2'-3' Tan, sandy SW w/ rocks, cobble	
				PID (2'-4'): 0.0
4-8	4'	2'	4'-5' Tan, sandy SW w/ cobble	PID (4'-6'): 0.0
			5'-5'6" Tan/gray SW w/ some cobble	
			5'6"-6' Tan SW w/ cobble	PID (6'-8'): 0.0
8-10	2'	2'	8'-9' Tan SW w/ cobble	PID (8'-10'): 0.0
			9'-9'3" Dark brown SW	
			9'3"-10' Tan SW	

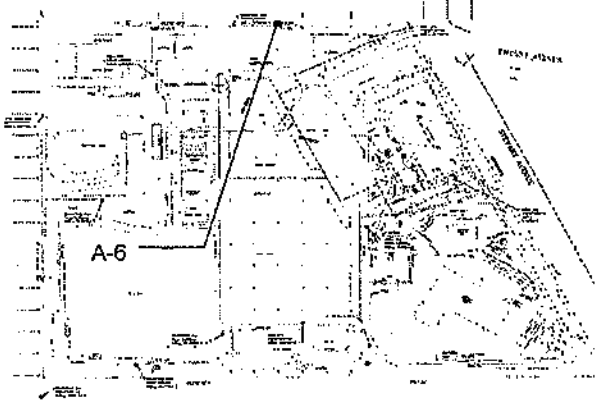
H2MGROUP



Boring # A-5	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"		total depth	10'
		elevation	
HAMMER WT:		DROP:	
START TIME:		DATE: 6/6/05	
COMPLETION TIME:		DATE: 6/6/05	
BACKFILL TIME:		DATE:	
		Casing depth:	
		Screen depth:	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	0-1'6" Brown Top Soil, Grass, SM	PID (0'-2'): 0.0
			1'6"-3' Tan SW, some cobble	
				PID (2'-4'): 0.0
4-8	4'	3'6"	4'- 4'10" Tan SW	PID (4'-6'): 0.0
			4'10"-5' Brown SW	
			5'-7' Tan SW w/ cobble	PID (6'-8'): 0.0
			7'-7'6" Tan SM, clay-like	
8-10	2'	1'6"	8'-8'6" Tan SW w/ cobble	PID (8'-10') 0.0
			8'6"-9' Brown SW	
			9-'9'6" Tan SW w/cobble	

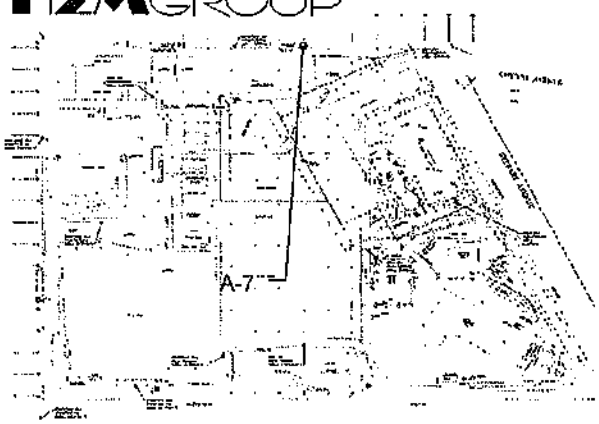
H2MGROUP



Boring # A-6	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/3/05		
COMPLETION TIME:	DATE: 6/3/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	0-6" Grass, roots, cobble	PID (0'-2'): 0.0
			6"-1'6" Brown SW w/ cobble	
			1'6"-3' Tan SW w/ cobble	PID (2'-4'): 0.0
4-8	4'	4'	4'-5' Tan SW w/ cobble, some brown SW	PID (4'-6'): 0.0
			5'-8' Uniform Tan SW w/ cobble, rocks	
				PID (6'-8'): 0.0
8-10	2'	2'	8'-9' Tan SM, some cobble	PID (8'-10'): 0.0
			9'-10' Tan SW w/ cobble	

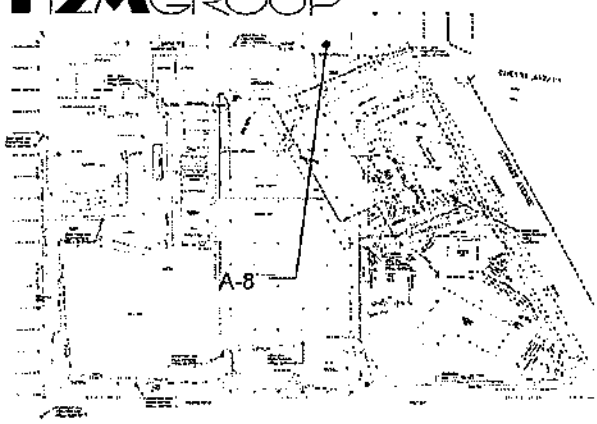
H2MGROUP



Boring # A-7	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	EVT	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Services			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"		total depth	10'
		elevation	
HAMMER WT:		DROP:	
START TIME:		DATE: 6/6/05	
COMPLETION TIME:		DATE: 6/6/05	
BACKFILL TIME:		DATE:	
		Casing depth:	
		Screen depth:	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	0'-3" Grass, roots, paint	PID (0'-2'): 0.0
			3"-1' Brown SW, top soil	
			1'-3' Tan SW, cobble, moist, w/ small amount of clay	PID (2'-4'): 0.0
4-8	4'	4'	4'-5' Clumpy Tan SW, some cobble	PID (4'-6'): 0.0
			5'-8' Tan SW some cobble, crushed rock	
				PID (6'-8'): 0.0
8-10	2'	1'6"	8'-9'6" Tan SW w/ cobble	PID (8'-10') 0.0

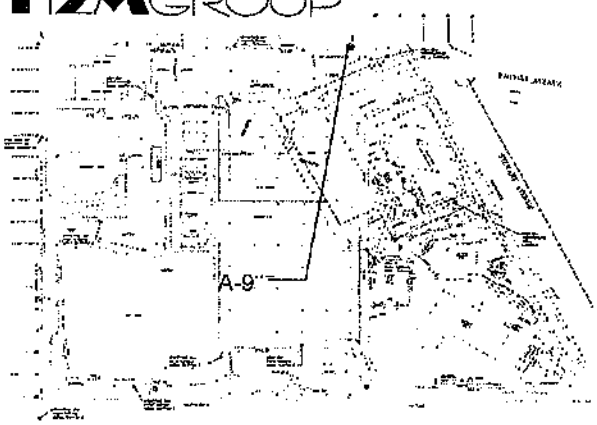
H2MGROUP



Boring # A-8	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TDBY 0402**			
LOGGED BY:	PRL	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Service			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/10/05		
COMPLETION TIME:	DATE: 6/10/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	3'	0'-2' Topsoil, Brown SW	PID (0'-2'): 0.0
			2'-3' Dark Tan SW	
				PID (2'-4'): 0.0
4-8	4'	3'6"	4'-6'6" Yellowish Tan SW	PID (4'-6'): 0.0
			6'6"-7'6" Dark Tan SP	
				PID (6'-8'): 0.0
8-10	2'	2'	8'-10' Tan SW	PID (8'-10'): 0.0

H2MGROUP



Boring # A-9	MW#	Page 1	of 1
PROJECT: **Bethpage Park, Construction Area**			
JOB # **TOBY 0402**			
LOGGED BY:	PRL	PRJ. MNGR.:	PRL
DRILLING CONTRACTOR: Universal Testing & Inspection Services			
DRILL METHOD: GEOPROBE			
DRILLER:			
Borehole diameter/drill bit type: 2"	total depth	10'	
	elevation		
HAMMER WT:	DROP:		
START TIME:	DATE: 6/10/05		
COMPLETION TIME:	DATE: 6/10/05		
BACKFILL TIME:	DATE:		
	Casing depth:		
	Screen depth:		

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4	4'	2'6"	0'-2' Top soil, SW	PID (0'-2'): 0.0
			2'-2'6" Top soil, black SP	
				PID (2'-4'): 0.0
4-8	4'	3'6"	4-5'6" Top soil, SP	PID (4'-6'): 0.0
			5'6"-7'6" Yellowish tan SW	
				PID (6'-8'): 0.0
8-10	2'	1'6"	8'-9'6" Yellowish Tan SW	PID (8'-10'): 0.0