

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY							
SEPTEMBER-OCTOBER 2001							
VON ROLLS ISOLA							
	NYSDEC	B16-SS1	B16-SS2	B16-SS3	B16-SS4	B16-SS5	
Sample ID:	TAGM 4046	S-18631-100201-MEJ-016	S-18631-100201-MEJ-015	S-18631-100201-MEJ-014	S-18631-100201-MEJ-013	S-18631-100201-MEJ-017	
Sample Date:	Recommended Soil	10/2/2001	10/2/2001	10/2/2001	10/2/2001	10/2/2001	
	Cleanup Objective	0-6 ft	0-6 ft	0-6 ft	0-6 ft	0-6 ft	
Parameter	Unit						
Volatiles							
1,1,1-Trichloroethane	µg / kg	800	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,1,2,2-Tetrachloroethane	µg / kg	600	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,1,2-Trichloroethane	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,1-Dichloroethane	µg / kg	200	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,1-Dichloroethene	µg / kg	400	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,2-Dichloroethane	µg / kg	100	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
1,2-Dichloropropane	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
2-Butanone	µg / kg	300	24 U	24 U	24 U	23 U	24 U
2-Hexanone	µg / kg	-	24 U	24 U	24 U	23 U	24 U
4-Methyl-2-pentanone	µg / kg	-	24 U	24 U	24 U	23 U	24 U
Acetone	µg / kg	200	24 UJ	24 UJ	24 UJ	23 UJ	24 UJ
Benzene	µg / kg	60	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Bromodichloromethane	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Bromoform	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Bromomethane	µg / kg	-	R	R	R	R	R
Carbon disulfide	µg / kg	2700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Carbon tetrachloride	µg / kg	600	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Chlorobenzene	µg / kg	1700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Chloroethane	µg / kg	1900	12 U	12 U	12 U	12 U	12 U
Chloroform (Trichloromethane)	µg / kg	300	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Chloromethane	µg / kg	-	12 U	12 U	12 U	12 U	12 U
cis-1,2-Dichloroethene	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
cis-1,3-Dichloropropene	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Dibromochloromethane	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Ethylbenzene	µg / kg	5500	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Methylene chloride	µg / kg	100	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Styrene	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Tetrachloroethene	µg / kg	1400	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Toluene	µg / kg	1500	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Total Petroleum Hydrocarbons (C21-C28)	µg / kg	-	15 J	30	9.2 J	17 U	6.3 J
trans-1,2-Dichloroethene	µg / kg	300	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
trans-1,3-Dichloropropene	µg / kg	-	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Trichloroethene	µg / kg	700	5.9 U	6.0 U	5.9 U	5.8 U	5.9 U
Vinyl chloride	µg / kg	200	12 U	12 U	12 U	12 U	12 U
Xylene (total)	µg / kg	1200	18 U	18 U	18 U	17 U	18 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY							
SEPTEMBER-OCTOBER 2001							
VON ROLLS ISOLA							
<i>Sample Location:</i>	<i>NYSDEC</i>	<i>B16-SS1</i>	<i>B16-SS2</i>	<i>B16-SS3</i>	<i>B16-SS4</i>	<i>B16-SS5</i>	
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100201-MEJ-016</i>	<i>S-18631-100201-MEJ-015</i>	<i>S-18631-100201-MEJ-014</i>	<i>S-18631-100201-MEJ-013</i>	<i>S-18631-100201-MEJ-017</i>	
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	
	<i>Cleanup Objective</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	
<i>Parameter</i>	<i>Unit</i>						
<i>Semi-Volatiles</i>							
1,2,4-Trichlorobenzene	µg / kg	3400	390 U	390 U	390 U	380 U	390 U
1,2-Dichlorobenzene	µg / kg	7900	390 U	390 U	390 U	380 U	390 U
1,3-Dichlorobenzene	µg / kg	1600	390 U	390 U	390 U	380 U	390 U
1,4-Dichlorobenzene	µg / kg	8500	390 U	390 U	390 U	380 U	390 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	390 U	390 U	390 U	380 U	390 U
2,4,5-Trichlorophenol	µg / kg	100	390 U	390 U	390 U	380 U	390 U
2,4,6-Trichlorophenol	µg / kg	-	390 U	390 U	390 U	380 U	390 U
2,4-Dichlorophenol	µg / kg	400	390 U	390 U	390 U	380 U	390 U
2,4-Dimethylphenol	µg / kg	-	390 U	390 U	390 U	380 U	390 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1900 UJ	1900 UJ	1900 UJ	1900 UJ	1900 UJ
2,4-Dinitrotoluene	µg / kg	-	390 U	390 U	390 U	380 U	390 U
2,6-Dinitrotoluene	µg / kg	1	390 U	390 U	390 U	380 U	390 U
2-Chloronaphthalene	µg / kg	-	390 U	390 U	390 U	380 U	390 U
2-Chlorophenol	µg / kg	800	390 U	390 U	390 U	380 U	390 U
2-Methyl naphthalene	µg / kg	36400	390 U	390 U	390 U	380 U	390 U
2-Methylphenol	µg / kg	100 or MDL	390 U	390 U	390 U	380 U	390 U
2-Nitroaniline	µg / kg	430 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U
2-Nitrophenol	µg / kg	330 or MDL	390 U	390 U	390 U	380 U	390 U
3,3'-Dichlorobenzidine	µg / kg	-	1900 U	1900 U	1900 U	1900 U	1900 U
3-Nitroaniline	µg / kg	500 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1900 U	1900 U	1900 U	1900 U	1900 U
4-Bromophenyl phenyl ether	µg / kg	-	390 U	390 U	390 U	380 U	390 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	390 U	390 U	390 U	380 U	390 U
4-Chloroaniline	µg / kg	220 or MDL	390 U	390 U	390 U	380 U	390 U
4-Chlorophenyl phenyl ether	µg / kg	-	390 U	390 U	390 U	380 U	390 U
4-Methylphenol	µg / kg	900	390 U	390 U	390 U	380 U	390 U
4-Nitroaniline	µg / kg	-	1900 U	1900 U	1900 U	1900 U	1900 U
4-Nitrophenol	µg / kg	100 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U
Acenaphthene	µg / kg	50,000	390 U	390 U	390 U	380 U	390 U
Acenaphthylene	µg / kg	41000	390 U	390 U	390 U	380 U	390 U
Anthracene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Benzo(a)anthracene	µg / kg	224 or MDL	390 U	390 U	390 U	380 U	390 U
Benzo(a)pyrene	µg / kg	61 or MDL	390 U	390 U	390 U	380 U	390 U
Benzo(b)fluoranthene	µg / kg	1100	390 U	390 U	390 U	380 U	390 U
Benzo(g,h,i)perylene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Benzo(k)fluoranthene	µg / kg	1100	390 U	390 U	390 U	380 U	390 U

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SOIL ANALYTICAL RESULTS SUMMARY							
SEPTEMBER-OCTOBER 2001							
VON ROLLS ISOLA							
<i>Sample Location:</i>		<i>NYSDEC</i>	<i>B16-SS1</i>	<i>B16-SS2</i>	<i>B16-SS3</i>	<i>B16-SS4</i>	<i>B16-SS5</i>
<i>Sample ID:</i>		<i>TAGM 4046</i>	<i>S-18631-100201-MEJ-016</i>	<i>S-18631-100201-MEJ-015</i>	<i>S-18631-100201-MEJ-014</i>	<i>S-18631-100201-MEJ-013</i>	<i>S-18631-100201-MEJ-017</i>
<i>Sample Date:</i>		<i>Recommended Soil</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>
		<i>Cleanup Objective</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>
<i>Parameter</i>	<i>Unit</i>						
bis(2-Chloroethoxy)methane	µg / kg	-	390 U	390 U	390 U	380 U	390 U
bis(2-Chloroethyl)ether	µg / kg	-	390 U	390 U	390 U	380 U	390 U
bis(2-Ethylhexyl)phthalate	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Butyl benzylphthalate	µg / kg	50000	390 U	68 J	390 U	380 U	390 U
Carbazole	µg / kg	-	390 U	390 U	390 U	380 U	390 U
Chrysene	µg / kg	400	390 U	390 U	390 U	380 U	390 U
Dibenz(a,h)anthracene	µg / kg	14 or MDL	390 U	390 U	390 U	380 U	390 U
Dibenzofuran	µg / kg	6200	390 U	390 U	390 U	380 U	390 U
Diethyl phthalate	µg / kg	7100	390 U	390 U	390 U	380 U	390 U
Dimethyl phthalate	µg / kg	2000	390 U	390 U	390 U	380 U	390 U
Di-n-butylphthalate	µg / kg	8100	390 U	390 U	390 U	380 U	390 U
Di-n-octyl phthalate	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Fluoranthene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Fluorene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Hexachlorobenzene	µg / kg	410	390 U	390 U	390 U	380 U	390 U
Hexachlorobutadiene	µg / kg	-	390 U	390 U	390 U	380 U	390 U
Hexachlorocyclopentadiene	µg / kg	-	1900 U	1900 U	1900 U	1900 U	1900 U
Hexachloroethane	µg / kg	-	390 U	390 U	390 U	380 U	390 U
Indeno(1,2,3-cd)pyrene	µg / kg	3200	390 U	390 U	390 U	380 U	390 U
Isophorone	µg / kg	4400	390 U	390 U	390 U	380 U	390 U
Naphthalene	µg / kg	13000	390 U	390 U	390 U	380 U	390 U
Nitrobenzene	µg / kg	200 or MDL	390 U	390 U	390 U	380 U	390 U
N-Nitrosodi-n-propylamine	µg / kg	-	390 U	390 U	390 U	380 U	390 U
N-Nitrosodiphenylamine	µg / kg	-	390 U	390 U	390 U	380 U	390 U
Pentachlorophenol	µg / kg	1000 or MDL	1900 U	1900 U	1900 U	1900 U	1900 U
Phenanthrene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
Phenol	µg / kg	30 or MDL	390 U	390 U	390 U	380 U	390 U
Pyrene	µg / kg	50000	390 U	390 U	390 U	380 U	390 U
PCBs							
Aroclor-1016 (PCB-1016)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1221 (PCB-1221)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1232 (PCB-1232)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1242 (PCB-1242)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1248 (PCB-1248)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1254 (PCB-1254)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U
Aroclor-1260 (PCB-1260)	µg / kg	1000	39 U	39 U	39 U	38 U	39 U

TABLE 5.1

**SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001**

			VON ROLLS ISOLA				
<i>Sample Location:</i>	<i>NYSDEC</i>		<i>B16-SS1</i>	<i>B16-SS2</i>	<i>B16-SS3</i>	<i>B16-SS4</i>	<i>B16-SS5</i>
<i>Sample ID:</i>	<i>TAGM 4046</i>		<i>S-18631-100201-MEJ-016</i>	<i>S-18631-100201-MEJ-015</i>	<i>S-18631-100201-MEJ-014</i>	<i>S-18631-100201-MEJ-013</i>	<i>S-18631-100201-MEJ-017</i>
<i>Sample Date:</i>	<i>Recommended Soil</i>		<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>	<i>10/2/2001</i>
	<i>Cleanup Objective</i>		<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>	<i>0-6 ft</i>
<i>Parameter</i>	<i>Unit</i>						
General Chemistry							
Phenolics (Total)	mg / kg	-	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total Solids	%	-	84.3	83.7	84.8	85.8	84.9

Notes:

ND - Non-detect at associated value.

U - Non-detect at associated value.

J - Associated value is considered estimated.

 - NYSDEC Class GA exceedance.

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SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

<i>Sample Location:</i>	VON ROLLS ISOLA					
	<i>NYSDEC</i>	<i>B16-SS6</i>	<i>U6-SB1</i>	<i>U6-SB1</i>	<i>U6-SB2</i>	
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100201-MEJ-018</i>	<i>S-18631-100901-MEJ-019a</i>	<i>S-18631-100901-MEJ-019b</i>	<i>S-18631-100901-MEJ-020a</i>	
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/2/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	
	<i>Cleanup Objective</i>	<i>0-6 ft</i>	<i>4-8 ft</i>	<i>16-20 ft</i>	<i>0-4 ft</i>	
<i>Parameter</i>	<i>Unit</i>					
Volatiles						
1,1,1-Trichloroethane	µg / kg	800	5.8 U	5.6 U	5.3 U	5.4 U
1,1,2,2-Tetrachloroethane	µg / kg	600	5.8 U	5.6 U	5.3 U	5.4 U
1,1,2-Trichloroethane	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
1,1-Dichloroethane	µg / kg	200	5.8 U	5.6 U	5.3 U	5.4 U
1,1-Dichloroethene	µg / kg	400	5.8 U	5.6 U	5.3 U	5.4 U
1,2-Dichloroethane	µg / kg	100	5.8 U	5.6 U	5.3 U	5.4 U
1,2-Dichloropropane	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
2-Butanone	µg / kg	300	23 U	22 UJ	21 UJ	21 UJ
2-Hexanone	µg / kg	-	23 U	22 U	21 U	21 U
4-Methyl-2-pentanone	µg / kg	-	23 U	22 U	21 U	21 U
Acetone	µg / kg	200	23 UJ	22 UJ	21 UJ	21 UJ
Benzene	µg / kg	60	5.8 U	5.6 U	5.3 U	5.4 U
Bromodichloromethane	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Bromoform	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Bromomethane	µg / kg	-	R	R	R	R
Carbon disulfide	µg / kg	2700	5.8 U	5.6 U	5.3 U	5.4 U
Carbon tetrachloride	µg / kg	600	5.8 U	5.6 U	5.3 U	5.4 U
Chlorobenzene	µg / kg	1700	5.8 U	5.6 U	5.3 U	5.4 U
Chloroethane	µg / kg	1900	12 U	11 U	11 U	11 U
Chloroform (Trichloromethane)	µg / kg	300	5.8 U	5.6 U	5.3 U	5.4 U
Chloromethane	µg / kg	-	12 U	11 U	11 U	11 U
cis-1,2-Dichloroethene	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
cis-1,3-Dichloropropene	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Dibromochloromethane	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Ethylbenzene	µg / kg	5500	5.8 U	15	2.3 J	5.4 U
Methylene chloride	µg / kg	100	5.8 U	5.6 U	5.3 U	5.4 U
Styrene	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Tetrachloroethene	µg / kg	1400	5.8 U	5.6 U	5.3 U	5.4 U
Toluene	µg / kg	1500	5.8 U	2.6 J	2.7 J	1.7 J
Total Petroleum Hydrocarbons (C21-C28)	µg / kg	-	20 U	20	25 J	5.7 J
trans-1,2-Dichloroethene	µg / kg	300	5.8 U	5.6 U	5.3 U	5.4 U
trans-1,3-Dichloropropene	µg / kg	-	5.8 U	5.6 U	5.3 U	5.4 U
Trichloroethene	µg / kg	700	5.8 U	5.6 U	5.3 U	5.4 U
Vinyl chloride	µg / kg	200	12 U	11 U	11 U	11 U
Xylene (total)	µg / kg	1200	18 U	100	14 J	16 U

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SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

<i>Sample Location:</i>	VON ROLLS ISOLA					
	<i>NYSDEC</i>	<i>B16-SS6</i>	<i>U6-SB1</i>	<i>U6-SB1</i>	<i>U6-SB2</i>	
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100201-MEJ-018</i>	<i>S-18631-100901-MEJ-019a</i>	<i>S-18631-100901-MEJ-019b</i>	<i>S-18631-100901-MEJ-020a</i>	
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/2/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	
	<i>Cleanup Objective</i>	<i>0-6 ft</i>	<i>4-8 ft</i>	<i>16-20 ft</i>	<i>0-4 ft</i>	
<i>Parameter</i>	<i>Unit</i>					
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	390 U	370 U	690 U	350 U
1,2-Dichlorobenzene	µg / kg	7900	390 U	370 U	690 U	350 U
1,3-Dichlorobenzene	µg / kg	1600	390 U	370 U	690 U	350 U
1,4-Dichlorobenzene	µg / kg	8500	390 U	370 U	690 U	350 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	390 U	370 U	690 U	350 U
2,4,5-Trichlorophenol	µg / kg	100	390 U	370 U	690 U	350 U
2,4,6-Trichlorophenol	µg / kg	-	390 U	370 U	690 U	350 U
2,4-Dichlorophenol	µg / kg	400	390 U	370 U	690 U	350 U
2,4-Dimethylphenol	µg / kg	-	390 U	370 U	690 U	350 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1900 U	1800 U	3400 U	1700 U
2,4-Dinitrotoluene	µg / kg	-	390 U	370 U	690 U	350 U
2,6-Dinitrotoluene	µg / kg	1	390 U	370 U	690 U	350 U
2-Chloronaphthalene	µg / kg	-	390 U	370 U	690 U	350 U
2-Chlorophenol	µg / kg	800	390 U	370 U	690 U	350 U
2-Methyl naphthalene	µg / kg	36400	390 U	370 U	690 U	350 U
2-Methylphenol	µg / kg	100 or MDL	390 U	370 U	690 U	350 U
2-Nitroaniline	µg / kg	430 or MDL	1900 U	1800 U	3400 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	390 U	370 U	690 U	350 U
3,3'-Dichlorobenzidine	µg / kg	-	1900 U	1800 U	3400 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	1900 U	1800 U	3400 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1900 U	1800 U	3400 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	390 U	370 U	690 U	350 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	390 U	370 U	690 U	350 U
4-Chloroaniline	µg / kg	220 or MDL	390 U	370 U	690 U	350 U
4-Chlorophenyl phenyl ether	µg / kg	-	390 U	370 U	690 U	350 U
4-Methylphenol	µg / kg	900	390 U	370 U	690 U	350 U
4-Nitroaniline	µg / kg	-	1900 U	1800 U	3400 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	1900 U	1800 U	3400 U	1700 U
Acenaphthene	µg / kg	50,000	390 U	370 U	690 U	350 U
Acenaphthylene	µg / kg	41000	390 U	370 U	690 U	350 U
Anthracene	µg / kg	50000	390 U	370 U	690 U	350 U
Benzo(a)anthracene	µg / kg	224 or MDL	390 U	58 J	690 U	350 U
Benzo(a)pyrene	µg / kg	61 or MDL	390 U	370 U	690 U	350 U
Benzo(b)fluoranthene	µg / kg	1100	390 U	41 J	690 U	350 U
Benzo(g,h,i)perylene	µg / kg	50000	390 U	42 J	690 U	350 U
Benzo(k)fluoranthene	µg / kg	1100	390 U	45 J	690 U	350 U

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SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	B16-SS6	U6-SB1	U6-SB1	U6-SB2
Sample Date:		TAGM 4046	S-18631-100201-MEJ-018	S-18631-100901-MEJ-019a	S-18631-100901-MEJ-019b	S-18631-100901-MEJ-020a
Parameter	Unit	Recommended Soil	10/2/2001	10/9/2001	10/9/2001	10/9/2001
		Cleanup Objective	0-6 ft	4-8 ft	16-20 ft	0-4 ft
bis(2-Chloroethoxy)methane	µg / kg	-	390 U	370 U	690 U	350 U
bis(2-Chloroethyl)ether	µg / kg	-	390 U	370 U	690 U	350 U
bis(2-Ethylhexyl)phthalate	µg / kg	50000	390 U	95 J	140 J	350 U
Butyl benzylphthalate	µg / kg	50000	390 U	370 U	690 U	350 U
Carbazole	µg / kg	-	390 U	370 U	690 U	350 U
Chrysene	µg / kg	400	390 U	66 J	690 U	350 U
Dibenz(a,h)anthracene	µg / kg	14 or MDL	390 U	370 U	690 U	350 U
Dibenzofuran	µg / kg	6200	390 U	370 U	690 U	350 U
Diethyl phthalate	µg / kg	7100	390 U	370 U	690 U	350 U
Dimethyl phthalate	µg / kg	2000	390 U	370 U	690 U	350 U
Di-n-butylphthalate	µg / kg	8100	390 U	150 J	690 U	350 U
Di-n-octyl phthalate	µg / kg	50000	390 U	370 U	690 U	350 U
Fluoranthene	µg / kg	50000	390 U	160 J	690 U	350 U
Fluorene	µg / kg	50000	390 U	370 U	690 U	350 U
Hexachlorobenzene	µg / kg	410	390 U	370 U	690 U	350 U
Hexachlorobutadiene	µg / kg	-	390 U	370 U	690 U	350 U
Hexachlorocyclopentadiene	µg / kg	-	1900 U	1800 U	3400 U	1700 U
Hexachloroethane	µg / kg	-	390 U	370 U	690 U	350 U
Indeno(1,2,3-cd)pyrene	µg / kg	3200	390 U	41 J	690 U	350 U
Isophorone	µg / kg	4400	390 U	370 U	690 U	350 U
Naphthalene	µg / kg	13000	390 U	370 U	690 U	350 U
Nitrobenzene	µg / kg	200 or MDL	390 U	370 U	690 U	350 U
N-Nitrosodi-n-propylamine	µg / kg	-	390 U	370 U	690 U	350 U
N-Nitrosodiphenylamine	µg / kg	-	390 U	370 U	690 U	350 U
Pentachlorophenol	µg / kg	1000 or MDL	1900 U	1800 U	3400 U	1700 U
Phenanthrene	µg / kg	50000	390 U	140 J	690 U	350 U
Phenol	µg / kg	30 or MDL	390 U	370 U	690 U	350 U
Pyrene	µg / kg	50000	390 U	120 J	690 U	350 U
PCBs						
Aroclor-1016 (PCB-1016)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1221 (PCB-1221)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1232 (PCB-1232)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1242 (PCB-1242)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1248 (PCB-1248)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1254 (PCB-1254)	µg / kg	1000	39 U	37 U	35 U	35 U
Aroclor-1260 (PCB-1260)	µg / kg	1000	39 U	37 U	35 U	35 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
<i>Sample Location:</i>		<i>NYSDEC</i>	<i>B16-SS6</i>	<i>U6-SB1</i>	<i>U6-SB1</i>	<i>U6-SB2</i>
<i>Sample ID:</i>		<i>TAGM 4046</i>	<i>S-18631-100201-MEJ-018</i>	<i>S-18631-100901-MEJ-019a</i>	<i>S-18631-100901-MEJ-019b</i>	<i>S-18631-100901-MEJ-020a</i>
<i>Sample Date:</i>		<i>Recommended Soil</i>	<i>10/2/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>
		<i>Cleanup Objective</i>	<i>0-6 ft</i>	<i>4-8 ft</i>	<i>16-20 ft</i>	<i>0-4 ft</i>
<i>Parameter</i>	<i>Unit</i>					
General Chemistry						
Phenolics (Total)	mg / kg	-	1.2 U	1.1 U	1.1 U	1.1 U
Total Solids	%	-	85.6	89.5	95.2	93.3

Notes:

ND - Non-detect at associated value.

U - Non-detect at associated value.

J - Associated value is considered estimated.

 - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

<i>Sample Location:</i>		VON ROLLS ISOLA				
<i>Sample ID:</i>		NYSDEC	U6-SB2	U8-SB1	U8-SB1	U8-SB2
<i>Sample Date:</i>		TAGM 4046	S-18631-100901-MEJ-020b	S-18631-092701-MEJ-011a	S-18631-092701-MEJ-011b	S-18631-092701-MEJ-009a
		Recommended Soil	10/9/2001	9/27/2001	9/27/2001	9/27/2001
		Cleanup Objective	16-20 ft	18-20 ft	58-60 ft	12-14 ft
Parameter	Unit					
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	6.2 U	5.3 U	5.9 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	6.2 U	5.3 U	5.9 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
1,1-Dichloroethane	µg/kg	200	6.2 U	5.3 UJ	5.9 UJ	5.2 UJ
1,1-Dichloroethene	µg/kg	400	6.2 U	5.3 U	5.9 U	5.2 U
1,2-Dichloroethane	µg/kg	100	6.2 U	5.3 U	5.9 U	5.2 U
1,2-Dichloropropane	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
2-Butanone	µg/kg	300	25 UJ	21 UJ	24 UJ	21 UJ
2-Hexanone	µg/kg	-	25 U	21 UJ	24 UJ	21 UJ
4-Methyl-2-pentanone	µg/kg	-	25 U	21 UJ	24 UJ	21 UJ
Acetone	µg/kg	200	25 UJ	21 UJ	24 UJ	21 UJ
Benzene	µg/kg	60	6.2 U	5.3 U	5.9 U	5.2 U
Bromodichloromethane	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Bromoform	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Bromomethane	µg/kg	-	R	R	R	R
Carbon disulfide	µg/kg	2700	6.2 U	5.3 U	5.9 U	5.2 U
Carbon tetrachloride	µg/kg	600	6.2 U	5.3 U	5.9 U	5.2 U
Chlorobenzene	µg/kg	1700	6.2 U	5.3 U	5.9 U	5.2 U
Chloroethane	µg/kg	1900	12 U	11 U	12 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	6.2 U	5.3 U	5.9 U	5.2 U
Chloromethane	µg/kg	-	12 U	11 U	12 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Dibromochloromethane	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Ethylbenzene	µg/kg	5500	6.2 U	5.3 U	5.9 U	5.2 U
Methylene chloride	µg/kg	100	6.2 U	5.3 U	5.9 U	5.2 U
Styrene	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Tetrachloroethene	µg/kg	1400	6.2 U	5.3 U	1.7 J	5.2 U
Toluene	µg/kg	1500	1.7 J	2.2 J	1.3 J	1.2 J
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	21 U	5.4 J	290 J	18 U
trans-1,2-Dichloroethene	µg/kg	300	6.2 U	5.3 U	5.9 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	6.2 U	5.3 U	5.9 U	5.2 U
Trichloroethene	µg/kg	700	6.2 U	5.3 U	5.9 U	5.2 U
Vinyl chloride	µg/kg	200	12 U	11 U	12 U	10 U
Xylene (total)	µg/kg	1200	19 U	16 U	18 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U6-SB2	U8-SB1	U8-SB1	U8-SB2
Sample Date:		TAGM 4046	S-18631-100901-MEJ-020b	S-18631-092701-MEJ-011a	S-18631-092701-MEJ-011b	S-18631-092701-MEJ-009a
Parameter		Recommended Soil	10/9/2001	9/27/2001	9/27/2001	9/27/2001
Unit		Cleanup Objective	16-20 ft	18-20 ft	58-60 ft	12-14 ft
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	410 U	350 U	390 U	340 U
1,2-Dichlorobenzene	µg / kg	7900	410 U	350 U	390 U	340 U
1,3-Dichlorobenzene	µg / kg	1600	410 U	350 U	390 U	340 U
1,4-Dichlorobenzene	µg / kg	8500	410 U	350 U	390 U	340 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	410 U	350 UJ	390 UJ	340 UJ
2,4,5-Trichlorophenol	µg / kg	100	410 U	350 U	390 U	340 U
2,4,6-Trichlorophenol	µg / kg	-	410 U	350 U	390 U	340 U
2,4-Dichlorophenol	µg / kg	400	410 U	350 U	390 U	340 U
2,4-Dimethylphenol	µg / kg	-	410 U	350 U	390 U	340 U
2,4-Dinitrophenol	µg / kg	200 or MDL	2000 U	1700 U	1900 U	1700 U
2,4-Dinitrotoluene	µg / kg	-	410 U	350 U	390 U	340 U
2,6-Dinitrotoluene	µg / kg	1	410 U	350 U	390 U	340 U
2-Chloronaphthalene	µg / kg	-	410 U	350 U	390 U	340 U
2-Chlorophenol	µg / kg	800	410 U	350 U	390 U	340 U
2-Methyl naphthalene	µg / kg	36400	410 U	350 U	41 J	340 U
2-Methylphenol	µg / kg	100 or MDL	410 U	350 U	390 U	340 U
2-Nitroaniline	µg / kg	430 or MDL	2000 U	1700 U	1900 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	410 U	350 U	390 U	340 U
3,3'-Dichlorobenzidine	µg / kg	-	2000 U	1700 U	1900 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	2000 U	1700 U	1900 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	2000 U	1700 U	1900 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	410 U	350 U	390 U	340 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	410 U	350 U	390 U	340 U
4-Chloroaniline	µg / kg	220 or MDL	410 U	350 U	390 U	340 U
4-Chlorophenyl phenyl ether	µg / kg	-	410 U	350 U	390 U	340 U
4-Methylphenol	µg / kg	900	410 U	350 U	390 U	340 U
4-Nitroaniline	µg / kg	-	2000 U	1700 U	1900 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	2000 U	1700 U	1900 U	1700 U
Acenaphthene	µg / kg	50,000	410 U	350 U	100 J	340 U
Acenaphthylene	µg / kg	41000	410 U	350 U	390 U	340 U
Anthracene	µg / kg	50000	410 U	350 U	210 J	340 U
Benzo(a)anthracene	µg / kg	224 or MDL	410 U	350 U	320 J ^a	340 U
Benzo(a)pyrene	µg / kg	61 or MDL	410 U	350 U	270 J ^a	340 U
Benzo(b)fluoranthene	µg / kg	1100	410 U	350 U	200 J	340 U
Benzo(g,h,i)perylene	µg / kg	50000	410 U	350 U	180 J	340 U
Benzo(k)fluoranthene	µg / kg	1100	410 U	350 U	240 J	340 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

<i>Sample Location:</i>		VON ROLLS ISOLA				
<i>Sample ID:</i>		NYSDEC	U6-SB2	U8-SB1	U8-SB1	U8-SB2
<i>Sample Date:</i>		TAGM 4046	S-18631-100901-MEJ-020b	S-18631-092701-MEJ-011a	S-18631-092701-MEJ-011b	S-18631-092701-MEJ-009a
		Recommended Soil	10/9/2001	9/27/2001	9/27/2001	9/27/2001
		Cleanup Objective	16-20 ft	18-20 ft	58-60 ft	12-14 ft
Parameter	Unit					
bis(2-Chloroethoxy)methane	µg/kg	-	410 U	350 U	390 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	410 U	350 U	390 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	57 J	170 J	1000	260 J
Butyl benzylphthalate	µg/kg	50000	410 U	350 U	390 U	340 U
Carbazole	µg/kg	-	410 U	350 U	120 J	340 U
Chrysene	µg/kg	400	410 U	350 U	310 J	340 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	410 U	350 U	50 J ^a	340 U
Dibenzofuran	µg/kg	6200	410 U	350 U	64 J	340 U
Diethyl phthalate	µg/kg	7100	410 U	350 U	390 U	340 U
Dimethyl phthalate	µg/kg	2000	410 U	350 U	390 U	340 U
Di-n-butylphthalate	µg/kg	8100	410 U	350 U	390 U	340 U
Di-n-octyl phthalate	µg/kg	50000	410 U	350 U	390 U	340 U
Fluoranthene	µg/kg	50000	410 U	350 U	760	340 U
Fluorene	µg/kg	50000	410 U	350 U	110 J	340 U
Hexachlorobenzene	µg/kg	410	410 U	350 U	390 U	340 U
Hexachlorobutadiene	µg/kg	-	410 U	350 U	390 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	2000 U	1700 UJ	1900 UJ	1700 UJ
Hexachloroethane	µg/kg	-	410 U	350 U	390 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	410 U	350 U	200 J	340 U
Isophorone	µg/kg	4400	410 U	350 U	390 U	340 U
Naphthalene	µg/kg	13000	410 U	350 U	89 J	340 U
Nitrobenzene	µg/kg	200 or MDL	410 U	350 U	390 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	410 U	350 U	390 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	410 U	350 U	390 U	340 U
Pentachlorophenol	µg/kg	1000 or MDL	2000 U	1700 U	1900 U	1700 U
Phenanthrene	µg/kg	50000	410 U	350 U	750	340 U
Phenol	µg/kg	30 or MDL	410 U	350 U	390 U	340 U
Pyrene	µg/kg	50000	410 U	350 U	580	340 U
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	41 U	35 U	39 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	41 U	35 U	39 U	34 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
Sample Location:		NYSDEC	U6-SB2	U8-SB1	U8-SB1	U8-SB2
Sample ID:		TAGM 4046	S-18631-100901-MEJ-020b	S-18631-092701-MEJ-011a	S-18631-092701-MEJ-011b	S-18631-092701-MEJ-009a
Sample Date:		Recommended Soil	10/9/2001	9/27/2001	9/27/2001	9/27/2001
		Cleanup Objective	16-20 ft	18-20 ft	58-60 ft	12-14 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.2 U	1.1 U	1.2 U	1.0 U
Total Solids	%	-	80.8	94.0	85.0	95.7

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U8-SB2	U8-SB3	U8-SB3	U8-SB4
Sample Date:		TAGM 4046	S-18631-092701-MEJ-009b	S-18631-092701-MEJ-010a	S-18631-092701-MEJ-010b	S-18631-092801-MEJ-012a
Parameter		Recommended Soil	9/27/2001	9/27/2001	9/27/2001	9/28/2001
Unit		Cleanup Objective	18-20 ft	6-8 ft	18-20 ft	22-24 ft
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	5.3 U	5.3 U	5.2 U	5.4 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.3 U	5.3 U	5.2 U	5.4 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
1,1-Dichloroethane	µg/kg	200	5.3 UJ	5.3 UJ	5.2 UJ	5.4 UJ
1,1-Dichloroethene	µg/kg	400	5.3 U	5.3 U	5.2 U	5.4 U
1,2-Dichloroethane	µg/kg	100	5.3 U	5.3 U	5.2 U	5.4 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
2-Butanone	µg/kg	300	21 UJ	21 UJ	21 UJ	22 UJ
2-Hexanone	µg/kg	-	21 UJ	21 UJ	21 UJ	22 UJ
4-Methyl-2-pentanone	µg/kg	-	21 UJ	21 UJ	21 UJ	22 UJ
Acetone	µg/kg	200	21 UJ	21 UJ	21 UJ	22 UJ
Benzene	µg/kg	60	5.3 U	5.3 U	5.2 U	5.4 U
Bromodichloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Bromoform	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Bromomethane	µg/kg	-	R	R	R	R
Carbon disulfide	µg/kg	2700	5.3 U	5.3 U	5.2 U	5.4 U
Carbon tetrachloride	µg/kg	600	5.3 U	5.3 U	5.2 U	5.4 U
Chlorobenzene	µg/kg	1700	5.3 U	5.3 U	5.2 U	5.4 U
Chloroethane	µg/kg	1900	11 U	11 U	10 U	11 U
Chloroform (Trichloromethane)	µg/kg	300	5.3 U	5.3 U	5.2 U	5.4 U
Chloromethane	µg/kg	-	11 U	11 U	10 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Dibromochloromethane	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Ethylbenzene	µg/kg	5500	5.3 U	5.3 U	5.2 U	5.4 U
Methylene chloride	µg/kg	100	5.3 U	5.3 U	5.2 U	5.4 U
Styrene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Tetrachloroethene	µg/kg	1400	5.3 U	5.3 U	5.2 U	5.4 U
Toluene	µg/kg	1500	5.3 U	5.3 U	1.2 J	5.4 U
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	48	18 U	17 U	5.6 J
trans-1,2-Dichloroethene	µg/kg	300	5.3 U	5.3 U	5.2 U	5.4 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.3 U	5.2 U	5.4 U
Trichloroethene	µg/kg	700	5.3 U	5.3 U	5.2 U	5.4 U
Vinyl chloride	µg/kg	200	11 U	11 U	10 U	11 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
		NYSDEC	U8-SB2	U8-SB3	U8-SB3	U8-SB4
Sample ID:		TAGM 4046	S-18631-092701-MEJ-009b	S-18631-092701-MEJ-010a	S-18631-092701-MEJ-010b	S-18631-092801-MEJ-012a
Sample Date:		Recommended Soil	9/27/2001	9/27/2001	9/27/2001	9/28/2001
		Cleanup Objective	18-20 ft	6-8 ft	18-20 ft	22-24 ft
Parameter	Unit					
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	350 U	350 U	340 U	360 U
1,2-Dichlorobenzene	µg / kg	7900	350 U	350 U	340 U	360 U
1,3-Dichlorobenzene	µg / kg	1600	350 U	350 U	340 U	360 U
1,4-Dichlorobenzene	µg / kg	8500	350 U	350 U	340 U	360 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	350 UJ	350 UJ	340 UJ	360 UJ
2,4,5-Trichlorophenol	µg / kg	100	350 U	350 U	340 U	360 U
2,4,6-Trichlorophenol	µg / kg	-	350 U	350 U	340 U	360 U
2,4-Dichlorophenol	µg / kg	400	350 U	350 U	340 U	360 U
2,4-Dimethylphenol	µg / kg	-	350 U	350 U	340 U	360 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg / kg	-	350 U	350 U	340 U	360 U
2,6-Dinitrotoluene	µg / kg	1	350 U	350 U	340 U	360 U
2-Chloronaphthalene	µg / kg	-	350 U	350 U	340 U	360 U
2-Chlorophenol	µg / kg	800	350 U	350 U	340 U	360 U
2-Methyl naphthalene	µg / kg	36400	350 U	350 U	340 U	360 U
2-Methylphenol	µg / kg	100 or MDL	350 U	350 U	340 U	360 U
2-Nitroaniline	µg / kg	430 or MDL	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	350 U	350 U	340 U	360 U
3,3'-Dichlorobenzidine	µg / kg	-	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	350 U	350 U	340 U	360 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	350 U	350 U	340 U	360 U
4-Chloroaniline	µg / kg	220 or MDL	350 U	350 U	340 U	360 U
4-Chlorophenyl phenyl ether	µg / kg	-	350 U	350 U	340 U	360 U
4-Methylphenol	µg / kg	900	350 U	350 U	340 U	360 U
4-Nitroaniline	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg / kg	50,000	350 U	350 U	340 U	360 U
Acenaphthylene	µg / kg	41000	350 U	350 U	340 U	360 U
Anthracene	µg / kg	50000	350 U	350 U	340 U	360 U
Benzo(a)anthracene	µg / kg	224 or MDL	350 U	350 U	340 U	360 U
Benzo(a)pyrene	µg / kg	61 or MDL	350 U	350 U	340 U	360 U
Benzo(b)fluoranthene	µg / kg	1100	350 U	350 U	340 U	360 U
Benzo(g,h,i)perylene	µg / kg	50000	350 U	350 U	340 U	360 U
Benzo(k)fluoranthene	µg / kg	1100	350 U	350 U	340 U	360 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U8-SB2	U8-SB3	U8-SB3	U8-SB4
Sample Date:		TAGM 4046	S-18631-092701-MEJ-009b	S-18631-092701-MEJ-010a	S-18631-092701-MEJ-010b	S-18631-092801-MEJ-012a
		Recommended Soil	9/27/2001	9/27/2001	9/27/2001	9/28/2001
		Cleanup Objective	18-20 ft	6-8 ft	18-20 ft	22-24 ft
Parameter	Unit					
bis(2-Chloroethoxy)methane	µg / kg	-	350 U	350 U	340 U	360 U
bis(2-Chloroethyl)ether	µg / kg	-	350 U	350 U	340 U	360 U
bis(2-Ethylhexyl)phthalate	µg / kg	50000	760	110 J	89 J	230 J
Butyl benzylphthalate	µg / kg	50000	350 U	350 U	340 U	360 U
Carbazole	µg / kg	-	350 U	350 U	340 U	360 U
Chrysene	µg / kg	400	350 U	350 U	340 U	360 U
Dibenz(a,h)anthracene	µg / kg	14 or MDL	350 U	350 U	340 U	360 U
Dibenzofuran	µg / kg	6200	350 U	350 U	340 U	360 U
Diethyl phthalate	µg / kg	7100	350 U	350 U	340 U	360 U
Dimethyl phthalate	µg / kg	2000	350 U	350 U	340 U	360 U
Di-n-butylphthalate	µg / kg	8100	350 U	350 U	340 U	360 U
Di-n-octyl phthalate	µg / kg	50000	350 U	350 U	340 U	360 U
Fluoranthene	µg / kg	50000	350 U	350 U	340 U	360 U
Fluorene	µg / kg	50000	350 U	350 U	340 U	360 U
Hexachlorobenzene	µg / kg	410	350 U	350 U	340 U	360 U
Hexachlorobutadiene	µg / kg	-	350 U	350 U	340 U	360 U
Hexachlorocyclopentadiene	µg / kg	-	1700 UJ	1700 UJ	1700 UJ	1700 UJ
Hexachloroethane	µg / kg	-	350 U	350 U	340 U	360 U
Indeno(1,2,3-cd)pyrene	µg / kg	3200	350 U	350 U	340 U	360 U
Isophorone	µg / kg	4400	350 U	350 U	340 U	360 U
Naphthalene	µg / kg	13000	350 U	350 U	340 U	360 U
Nitrobenzene	µg / kg	200 or MDL	350 U	350 U	340 U	360 U
N-Nitrosodi-n-propylamine	µg / kg	-	350 U	350 U	340 U	360 U
N-Nitrosodiphenylamine	µg / kg	-	350 U	350 U	340 U	360 U
Pentachlorophenol	µg / kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg / kg	50000	350 U	350 U	340 U	360 U
Phenol	µg / kg	30 or MDL	350 U	350 U	340 U	360 U
Pyrene	µg / kg	50000	350 U	350 U	340 U	360 U
PCBs						
Aroclor-1016 (PCB-1016)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1221 (PCB-1221)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1232 (PCB-1232)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1242 (PCB-1242)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1248 (PCB-1248)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1254 (PCB-1254)	µg / kg	1000	35 U	35 U	34 U	36 U
Aroclor-1260 (PCB-1260)	µg / kg	1000	35 U	35 U	34 U	36 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
Sample Location:		NYSDEC	U8-SB2	U8-SB3	U8-SB3	U8-SB4
Sample ID:		TAGM 4046	S-18631-092701-MEJ-009b	S-18631-092701-MEJ-010a	S-18631-092701-MEJ-010b	S-18631-092801-MEJ-012a
Sample Date:		Recommended Soil	9/27/2001	9/27/2001	9/27/2001	9/28/2001
		Cleanup Objective	18-20 ft	6-8 ft	18-20 ft	22-24 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.1 U	1.1 U	1.0 U	1.1 U
Total Solids	%	-	94.6	93.5	95.8	91.9

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U8-SB4	U18-SB1	U18-SB1	U18-SB1
Sample Date:		TAGM 4046	S-18631-100101-MEJ-012b	S-18631-092501-MEJ-004a	S-18631-092501-MEJ-004b	S-18631-092501-MEJ-005a
Parameter		Recommended Soil	10/1/2001	9/25/2001	9/25/2001	9/25/2001
Unit		Cleanup Objective	50-52 ft	2-4 ft	18-20 ft	2-4 ft
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	6.2 U	5.3 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	600	6.2 U	5.3 U	5.2 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethane	µg/kg	200	6.2 UJ	5.3 U	5.2 U	5.3 U
1,1-Dichloroethene	µg/kg	400	6.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloroethane	µg/kg	100	6.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloropropane	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
2-Butanone	µg/kg	300	25 UJ	21 U	21 U	21 U
2-Hexanone	µg/kg	-	25 UJ	21 U	21 U	21 UJ
4-Methyl-2-pentanone	µg/kg	-	25 UJ	21 U	21 U	21 U
Acetone	µg/kg	200	13 J	21 UJ	21 UJ	21 U
Benzene	µg/kg	60	6.2 U	5.3 U	5.2 U	5.3 U
Bromodichloromethane	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Bromoform	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Bromomethane	µg/kg	-	R	11 U	10 U	R
Carbon disulfide	µg/kg	2700	6.2 U	5.3 U	5.2 U	5.3 U
Carbon tetrachloride	µg/kg	600	6.2 U	5.3 U	5.2 U	5.3 U
Chlorobenzene	µg/kg	1700	6.2 U	5.3 U	5.2 U	5.3 U
Chloroethane	µg/kg	1900	12 U	11 U	10 U	11 UJ
Chloroform (Trichloromethane)	µg/kg	300	6.2 U	5.3 U	5.2 U	5.3 U
Chloromethane	µg/kg	-	12 U	11 U	10 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Dibromochloromethane	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Ethylbenzene	µg/kg	5500	6.2 U	5.3 U	5.2 U	5.3 U
Methylene chloride	µg/kg	100	6.2 U	5.3 UJ	5.2 UJ	5.3 U
Styrene	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Tetrachloroethene	µg/kg	1400	6.2 U	5.3 U	5.2 U	5.3 U
Toluene	µg/kg	1500	6.2 U	1.7 J	2.6 J	5.3 U
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	20 U	18 U	18 U	17 U
trans-1,2-Dichloroethene	µg/kg	300	6.2 U	5.3 U	5.2 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	6.2 U	5.3 U	5.2 U	5.3 U
Trichloroethene	µg/kg	700	6.2 U	5.3 U	5.2 U	5.3 U
Vinyl chloride	µg/kg	200	12 U	11 U	10 U	11 U
Xylene (total)	µg/kg	1200	19 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U8-SB4	U18-SB1	U18-SB1	U18-SB1
Sample Date:		TAGM 4046	S-18631-100101-MEJ-012b	S-18631-092501-MEJ-004a	S-18631-092501-MEJ-004b	S-18631-092501-MEJ-005a
Parameter		Recommended Soil	10/1/2001	9/25/2001	9/25/2001	9/25/2001
Unit		Cleanup Objective	50-52 ft	2-4 ft	18-20 ft	2-4 ft
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	3400	410 U	350 U	340 U	350 U
1,2-Dichlorobenzene	µg/kg	7900	410 U	350 U	340 U	350 U
1,3-Dichlorobenzene	µg/kg	1600	410 U	350 U	340 U	350 U
1,4-Dichlorobenzene	µg/kg	8500	410 U	350 U	340 U	350 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	410 U	350 U	340 U	350 U
2,4,5-Trichlorophenol	µg/kg	100	410 U	350 U	340 U	350 U
2,4,6-Trichlorophenol	µg/kg	-	410 U	350 U	340 U	350 U
2,4-Dichlorophenol	µg/kg	400	410 U	350 U	340 U	350 U
2,4-Dimethylphenol	µg/kg	-	410 U	350 U	340 U	350 U
2,4-Dinitrophenol	µg/kg	200 or MDL	2000 UJ	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	410 U	350 U	340 U	350 U
2,6-Dinitrotoluene	µg/kg	1	410 U	350 U	340 U	350 U
2-Chloronaphthalene	µg/kg	-	410 U	350 U	340 U	350 U
2-Chlorophenol	µg/kg	800	410 U	350 U	340 U	350 U
2-Methyl naphthalene	µg/kg	36400	410 U	350 U	340 U	350 U
2-Methylphenol	µg/kg	100 or MDL	410 U	350 U	340 U	350 U
2-Nitroaniline	µg/kg	430 or MDL	2000 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	330 or MDL	410 U	350 U	340 U	350 U
3,3'-Dichlorobenzidine	µg/kg	-	2000 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	500 or MDL	2000 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	2000 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	410 U	350 U	340 U	350 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	410 U	350 U	340 U	350 U
4-Chloroaniline	µg/kg	220 or MDL	410 U	350 U	340 U	350 U
4-Chlorophenyl phenyl ether	µg/kg	-	410 U	350 U	340 U	350 U
4-Methylphenol	µg/kg	900	410 U	350 U	340 U	350 U
4-Nitroaniline	µg/kg	-	2000 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	100 or MDL	2000 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	50,000	410 U	350 U	340 U	350 U
Acenaphthylene	µg/kg	41000	410 U	350 U	340 U	350 U
Anthracene	µg/kg	50000	410 U	350 U	340 U	350 U
Benzo(a)anthracene	µg/kg	224 or MDL	410 U	350 U	340 U	350 U
Benzo(a)pyrene	µg/kg	61 or MDL	410 U	350 U	340 U	350 U
Benzo(b)fluoranthene	µg/kg	1100	410 U	350 U	340 U	350 U
Benzo(g,h,i)perylene	µg/kg	50000	410 U	350 U	340 U	350 U
Benzo(k)fluoranthene	µg/kg	1100	410 U	350 U	340 U	350 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

<i>Sample Location:</i>		VON ROLLS ISOLA				
<i>Sample ID:</i>		NYSDEC	U8-SB4	U18-SB1	U18-SB1	U18-SB1
<i>Sample Date:</i>		TAGM 4046	S-18631-100101-MEJ-012b	S-18631-092501-MEJ-004a	S-18631-092501-MEJ-004b	S-18631-092501-MEJ-005a
		Recommended Soil	10/1/2001	9/25/2001	9/25/2001	9/25/2001
		Cleanup Objective	50-52 ft	2-4 ft	18-20 ft	2-4 ft
Parameter	Unit					
bis(2-Chloroethoxy)methane	µg/kg	-	410 U	350 U	340 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	410 U	350 U	340 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	66 J	210 J	64 J	91 J
Butyl benzylphthalate	µg/kg	50000	410 U	350 U	340 U	350 U
Carbazole	µg/kg	-	410 U	350 U	340 U	350 U
Chrysene	µg/kg	400	410 U	350 U	340 U	350 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	410 U	350 U	340 U	350 U
Dibenzofuran	µg/kg	6200	410 U	350 U	340 U	350 U
Diethyl phthalate	µg/kg	7100	410 U	350 U	340 U	350 U
Dimethyl phthalate	µg/kg	2000	410 U	350 U	340 U	350 U
Di-n-butylphthalate	µg/kg	8100	410 U	350 U	340 U	350 U
Di-n-octyl phthalate	µg/kg	50000	410 U	350 U	340 U	350 U
Fluoranthene	µg/kg	50000	410 U	350 U	340 U	350 U
Fluorene	µg/kg	50000	410 U	350 U	340 U	350 U
Hexachlorobenzene	µg/kg	410	410 U	350 U	340 U	350 U
Hexachlorobutadiene	µg/kg	-	410 U	350 U	340 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	2000 U	1700 UJ	1700 UJ	1700 UJ
Hexachloroethane	µg/kg	-	410 U	350 U	340 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	410 U	350 U	340 U	350 U
Isophorone	µg/kg	4400	410 U	350 U	340 U	350 U
Naphthalene	µg/kg	13000	410 U	350 U	340 U	350 U
Nitrobenzene	µg/kg	200 or MDL	410 U	350 U	340 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	410 U	350 U	340 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	410 U	350 U	340 U	350 U
Pentachlorophenol	µg/kg	1000 or MDL	2000 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	410 U	350 U	340 U	350 U
Phenol	µg/kg	30 or MDL	410 U	350 U	340 U	350 U
Pyrene	µg/kg	50000	410 U	350 U	340 U	350 U
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	41 U	35 U	34 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	41 U	35 U	34 U	35 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
		NYSDEC	U8-SB4	U18-SB1	U18-SB1	U18-SB1
Sample Location:		TAGM 4046	S-18631-100101-MEJ-012b	S-18631-092501-MEJ-004a	S-18631-092501-MEJ-004b	S-18631-092501-MEJ-005a
Sample ID:						
Sample Date:		Recommended Soil	10/1/2001	9/25/2001	9/25/2001	9/25/2001
		Cleanup Objective	50-52 ft	2-4 ft	18-20 ft	2-4 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.2 U	1.1 U	1.0 U	1.1 U
Total Solids	%	-	81.0	95.0	95.9	95.0

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB1	U18-SB2	U18-SB2	U18-SB3
Sample Date:		TAGM 4046	S-18631-092501-MEJ-005b	S-18631-092401-MEJ-001a	S-18631-092401-MEJ-001b	S-18631-092401-MEJ-002a
		Recommended Soil	9/25/2001	9/24/2001	9/24/2001	9/24/2001
		Cleanup Objective	18-20 ft	2-4 ft	18-20 ft	18-20 ft
Parameter	Unit					
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.3 U	5.2 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.3 U	5.2 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
1,1-Dichloroethane	µg/kg	200	5.2 U	5.3 U	5.2 U	5.2 U
1,1-Dichloroethene	µg/kg	400	5.2 U	5.3 U	5.2 U	5.2 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.3 U	5.2 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
2-Butanone	µg/kg	300	21 U	21 U	21 U	3.2 J
2-Hexanone	µg/kg	-	21 UJ	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 U	21 U	21 U	21 U
Benzene	µg/kg	60	5.2 U	5.3 U	5.2 U	5.2 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Bromomethane	µg/kg	-	R	11 U	10 U	10 U
Carbon disulfide	µg/kg	2700	5.2 U	5.3 U	5.2 U	5.2 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.3 U	5.2 U	5.2 U
Chlorobenzene	µg/kg	1700	5.2 U	5.3 U	5.2 U	5.2 U
Chloroethane	µg/kg	1900	10 UJ	11 U	10 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.3 U	5.2 U	5.2 U
Chloromethane	µg/kg	-	10 U	11 U	10 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Ethylbenzene	µg/kg	5500	5.2 U	5.3 U	5.2 U	5.2 U
Methylene chloride	µg/kg	100	5.2 U	5.3 U	5.2 U	5.2 U
Styrene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.3 U	5.2 U	5.2 U
Toluene	µg/kg	1500	5.2 U	6.1 U	16	32
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	17 U	19 U	18 U	20 U
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.3 U	5.2 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.2 U
Trichloroethene	µg/kg	700	5.2 U	5.3 U	5.2 U	5.2 U
Vinyl chloride	µg/kg	200	10 U	11 U	10 U	10 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB1	U18-SB2	U18-SB2	U18-SB3
Sample Date:		TAGM 4046	S-18631-092501-MEJ-005b	S-18631-092401-MEJ-001a	S-18631-092401-MEJ-001b	S-18631-092401-MEJ-002a
Parameter		Recommended Soil	9/25/2001	9/24/2001	9/24/2001	9/24/2001
Unit		Cleanup Objective	18-20 ft	2-4 ft	18-20 ft	18-20 ft
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	3400	340 U	350 U	350 U	340 U
1,2-Dichlorobenzene	µg/kg	7900	340 U	350 U	350 U	340 U
1,3-Dichlorobenzene	µg/kg	1600	340 U	350 U	350 U	340 U
1,4-Dichlorobenzene	µg/kg	8500	340 U	350 U	350 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	340 U	350 U	350 U	340 U
2,4,5-Trichlorophenol	µg/kg	100	340 U	350 U	350 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	340 U	350 U	350 U	340 U
2,4-Dichlorophenol	µg/kg	400	340 U	350 U	350 U	340 U
2,4-Dimethylphenol	µg/kg	-	340 U	350 U	350 U	340 U
2,4-Dinitrophenol	µg/kg	200 or MDL	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg/kg	-	340 U	350 U	350 U	340 U
2,6-Dinitrotoluene	µg/kg	1	340 U	350 U	350 U	340 U
2-Chloronaphthalene	µg/kg	-	340 U	350 U	350 U	340 U
2-Chlorophenol	µg/kg	800	340 U	350 U	350 U	340 U
2-Methyl naphthalene	µg/kg	36400	340 U	350 U	350 U	340 U
2-Methylphenol	µg/kg	100 or MDL	340 U	350 U	350 U	340 U
2-Nitroaniline	µg/kg	430 or MDL	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg/kg	330 or MDL	340 U	350 U	350 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg/kg	500 or MDL	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg/kg	-	340 U	350 U	350 U	340 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	340 U	350 U	350 U	340 U
4-Chloroaniline	µg/kg	220 or MDL	340 U	350 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	340 U	350 U	350 U	340 U
4-Methylphenol	µg/kg	900	340 U	350 U	350 U	340 U
4-Nitroaniline	µg/kg	-	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg/kg	100 or MDL	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg/kg	50,000	340 U	350 U	350 U	340 U
Acenaphthylene	µg/kg	41000	340 U	350 U	350 U	340 U
Anthracene	µg/kg	50000	340 U	350 U	350 U	340 U
Benzo(a)anthracene	µg/kg	224 or MDL	340 U	350 U	350 U	340 U
Benzo(a)pyrene	µg/kg	61 or MDL	340 U	350 U	350 U	340 U
Benzo(b)fluoranthene	µg/kg	1100	340 U	350 U	350 U	340 U
Benzo(g,h,i)perylene	µg/kg	50000	340 U	350 U	350 U	340 U
Benzo(k)fluoranthene	µg/kg	1100	340 U	350 U	350 U	340 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB1	U18-SB2	U18-SB2	U18-SB3
Sample Date:		TAGM 4046	S-18631-092501-MEJ-005b	S-18631-092401-MEJ-001a	S-18631-092401-MEJ-001b	S-18631-092401-MEJ-002a
		Recommended Soil	9/25/2001	9/24/2001	9/24/2001	9/24/2001
		Cleanup Objective	18-20 ft	2-4 ft	18-20 ft	18-20 ft
Parameter	Unit					
bis(2-Chloroethoxy)methane	µg/kg	-	340 U	350 U	350 U	340 U
bis(2-Chloroethyl)ether	µg/kg	-	340 U	350 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	78 J	55 J	250 J	880
Butyl benzylphthalate	µg/kg	50000	340 U	350 U	350 U	340 U
Carbazole	µg/kg	-	340 U	350 U	350 U	340 U
Chrysene	µg/kg	400	340 U	350 U	350 U	340 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	340 U	350 U	350 U	340 U
Dibenzofuran	µg/kg	6200	340 U	350 U	350 U	340 U
Diethyl phthalate	µg/kg	7100	340 U	350 U	350 U	340 U
Dimethyl phthalate	µg/kg	2000	340 U	350 U	350 U	340 U
Di-n-butylphthalate	µg/kg	8100	340 U	350 U	350 U	340 U
Di-n-octyl phthalate	µg/kg	50000	340 U	350 U	350 U	340 U
Fluoranthene	µg/kg	50000	340 U	350 U	350 U	340 U
Fluorene	µg/kg	50000	340 U	350 U	350 U	340 U
Hexachlorobenzene	µg/kg	410	340 U	350 U	350 U	340 U
Hexachlorobutadiene	µg/kg	-	340 U	350 U	350 U	340 U
Hexachlorocyclopentadiene	µg/kg	-	1700 UJ	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	-	340 U	350 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	340 U	350 U	350 U	340 U
Isophorone	µg/kg	4400	340 U	350 U	350 U	340 U
Naphthalene	µg/kg	13000	340 U	350 U	350 U	340 U
Nitrobenzene	µg/kg	200 or MDL	340 U	350 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg/kg	-	340 U	350 U	350 U	340 U
N-Nitrosodiphenylamine	µg/kg	-	340 U	350 U	350 U	340 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	340 U	350 U	350 U	340 U
Phenol	µg/kg	30 or MDL	340 U	350 U	350 U	340 U
Pyrene	µg/kg	50000	340 U	350 U	350 U	340 U
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	34 U	35 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	34 U	35 U	35 U	34 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
		NYSDEC	U18-SB1	U18-SB2	U18-SB2	U18-SB3
Sample Location:						
Sample ID:		TAGM 4046	S-18631-092501-MEJ-005b	S-18631-092401-MEJ-001a	S-18631-092401-MEJ-001b	S-18631-092401-MEJ-002a
Sample Date:		Recommended Soil	9/25/2001	9/24/2001	9/24/2001	9/24/2001
		Cleanup Objective	18-20 ft	2-4 ft	18-20 ft	18-20 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.0 U	1.0 U
Total Solids	%	-	95.7	94.8	95.6	96.1

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB3	U18-SB4	U18-SB4	U19-SB1
Sample Date:		TAGM 4046	S-18631-092401-MEJ-002b	S-18631-092501-MEJ-003a	S-18631-092501-MEJ-003b	S-18631-092601-MEJ-007a
		Recommended Soil	9/24/2001	9/25/2001	9/25/2001	9/26/2001
		Cleanup Objective	40-42 ft	4-6 ft	22-24 ft	2-4 ft
Parameter	Unit					
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.3 U	5.3 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
1,1-Dichloroethane	µg/kg	200	5.2 U	5.3 U	5.3 U	5.2 U
1,1-Dichloroethene	µg/kg	400	5.2 U	5.3 U	5.3 U	5.2 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.3 U	5.3 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
2-Butanone	µg/kg	300	21 U	21 U	21 U	21 U
2-Hexanone	µg/kg	-	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 U	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	60	5.2 U	5.3 U	5.3 U	5.2 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Bromomethane	µg/kg	-	10 U	11 U	11 U	10 U
Carbon disulfide	µg/kg	2700	5.2 U	5.3 U	5.3 U	5.2 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.3 U	5.3 U	5.2 U
Chlorobenzene	µg/kg	1700	5.2 U	5.3 U	5.3 U	5.2 U
Chloroethane	µg/kg	1900	10 U	11 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U
Chloromethane	µg/kg	-	10 U	11 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Ethylbenzene	µg/kg	5500	5.2 U	5.3 U	5.3 U	5.2 U
Methylene chloride	µg/kg	100	5.2 U	5.3 UJ	5.3 UJ	5.2 UJ
Styrene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.3 U	5.3 U	5.2 U
Toluene	µg/kg	1500	34	3.4 J	3.9 J	5.2 U
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	21 U	57	4.4 J	17 U
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.3 U	5.3 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.3 U	5.2 U
Trichloroethene	µg/kg	700	5.2 U	5.3 U	5.3 U	5.2 U
Vinyl chloride	µg/kg	200	10 U	11 U	11 U	10 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB3	U18-SB4	U18-SB4	U19-SB1
Sample Date:		TAGM 4046	S-18631-092401-MEJ-002b	S-18631-092501-MEJ-003a	S-18631-092501-MEJ-003b	S-18631-092601-MEJ-007a
Parameter		Recommended Soil	9/24/2001	9/25/2001	9/25/2001	9/26/2001
Unit		Cleanup Objective	40-42 ft	4-6 ft	22-24 ft	2-4 ft
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	350 U	350 U	350 U	340 U
1,2-Dichlorobenzene	µg / kg	7900	350 U	350 U	350 U	340 U
1,3-Dichlorobenzene	µg / kg	1600	350 U	350 U	350 U	340 U
1,4-Dichlorobenzene	µg / kg	8500	350 U	350 U	350 U	340 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	350 U	350 U	350 U	340 U
2,4,5-Trichlorophenol	µg / kg	100	350 U	350 U	350 U	340 U
2,4,6-Trichlorophenol	µg / kg	-	350 U	350 U	350 U	340 U
2,4-Dichlorophenol	µg / kg	400	350 U	350 U	350 U	340 U
2,4-Dimethylphenol	µg / kg	-	350 U	5600	240 J	340 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg / kg	-	350 U	350 U	350 U	340 U
2,6-Dinitrotoluene	µg / kg	1	350 U	350 U	350 U	340 U
2-Chloronaphthalene	µg / kg	-	350 U	350 U	350 U	340 U
2-Chlorophenol	µg / kg	800	350 U	350 U	350 U	340 U
2-Methyl naphthalene	µg / kg	36400	350 U	350 U	350 U	340 U
2-Methylphenol	µg / kg	100 or MDL	350 U	350 U	350 U	340 U
2-Nitroaniline	µg / kg	430 or MDL	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	350 U	350 U	350 U	340 U
3,3'-Dichlorobenzidine	µg / kg	-	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	350 U	350 U	350 U	340 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	350 U	350 U	350 U	340 U
4-Chloroaniline	µg / kg	220 or MDL	350 U	350 U	350 U	340 U
4-Chlorophenyl phenyl ether	µg / kg	-	350 U	350 U	350 U	340 U
4-Methylphenol	µg / kg	900	350 U	350 U	350 U	340 U
4-Nitroaniline	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg / kg	50,000	350 U	350 U	350 U	340 U
Acenaphthylene	µg / kg	41000	350 U	350 U	350 U	340 U
Anthracene	µg / kg	50000	350 U	350 U	350 U	340 U
Benzo(a)anthracene	µg / kg	224 or MDL	350 U	350 U	350 U	340 U
Benzo(a)pyrene	µg / kg	61 or MDL	350 U	350 U	350 U	340 U
Benzo(b)fluoranthene	µg / kg	1100	350 U	350 U	350 U	340 U
Benzo(g,h,i)perylene	µg / kg	50000	350 U	350 U	350 U	340 U
Benzo(k)fluoranthene	µg / kg	1100	350 U	350 U	350 U	340 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U18-SB3	U18-SB4	U18-SB4	U19-SB1
Sample Date:		TAGM 4046	S-18631-092401-MEJ-002b	S-18631-092501-MEJ-003a	S-18631-092501-MEJ-003b	S-18631-092601-MEJ-007a
Parameter		Recommended Soil	9/24/2001	9/25/2001	9/25/2001	9/26/2001
Unit		Cleanup Objective	40-42 ft	4-6 ft	22-24 ft	2-4 ft
bis(2-Chloroethoxy)methane	µg / kg	-	350 U	350 U	350 U	340 U
bis(2-Chloroethyl)ether	µg / kg	-	350 U	350 U	350 U	340 U
bis(2-Ethylhexyl)phthalate	µg / kg	50000	75 J	160 J	180 J	340 U
Butyl benzylphthalate	µg / kg	50000	350 U	350 U	350 U	340 U
Carbazole	µg / kg	-	350 U	350 U	350 U	340 U
Chrysene	µg / kg	400	350 U	350 U	350 U	340 U
Dibenz(a,h)anthracene	µg / kg	14 or MDL	350 U	350 U	350 U	340 U
Dibenzofuran	µg / kg	6200	350 U	350 U	350 U	340 U
Diethyl phthalate	µg / kg	7100	350 U	350 U	350 U	340 U
Dimethyl phthalate	µg / kg	2000	350 U	350 U	350 U	340 U
Di-n-butylphthalate	µg / kg	8100	350 U	350 U	350 U	340 U
Di-n-octyl phthalate	µg / kg	50000	350 U	350 U	350 U	340 U
Fluoranthene	µg / kg	50000	350 U	350 U	350 U	49 J
Fluorene	µg / kg	50000	350 U	350 U	350 U	340 U
Hexachlorobenzene	µg / kg	410	350 U	350 U	350 U	340 U
Hexachlorobutadiene	µg / kg	-	350 U	350 U	350 U	340 U
Hexachlorocyclopentadiene	µg / kg	-	1700 UJ	1700 UJ	1700 UJ	1700 U
Hexachloroethane	µg / kg	-	350 U	350 U	350 U	340 U
Indeno(1,2,3-cd)pyrene	µg / kg	3200	350 U	350 U	350 U	340 U
Isophorone	µg / kg	4400	350 U	350 U	350 U	340 U
Naphthalene	µg / kg	13000	350 U	350 U	350 U	340 U
Nitrobenzene	µg / kg	200 or MDL	350 U	350 U	350 U	340 U
N-Nitrosodi-n-propylamine	µg / kg	-	350 U	350 U	350 U	340 U
N-Nitrosodiphenylamine	µg / kg	-	350 U	350 U	350 U	340 U
Pentachlorophenol	µg / kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg / kg	50000	350 U	350 U	350 U	340 U
Phenol	µg / kg	30 or MDL	350 U	350 U	350 U	340 U
Pyrene	µg / kg	50000	350 U	350 U	350 U	41 J
PCBs						
Aroclor-1016 (PCB-1016)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1221 (PCB-1221)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1232 (PCB-1232)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1242 (PCB-1242)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1248 (PCB-1248)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1254 (PCB-1254)	µg / kg	1000	35 U	35 U	35 U	34 U
Aroclor-1260 (PCB-1260)	µg / kg	1000	35 U	35 U	35 U	34 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
Sample Location:		NYSDEC	U18-SB3	U18-SB4	U18-SB4	U19-SB1
Sample ID:		TAGM 4046	S-18631-092401-MEJ-002b	S-18631-092501-MEJ-003a	S-18631-092501-MEJ-003b	S-18631-092601-MEJ-007a
Sample Date:		Recommended Soil	9/24/2001	9/25/2001	9/25/2001	9/26/2001
		Cleanup Objective	40-42 ft	4-6 ft	22-24 ft	2-4 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.1 U	1.0 U
Total Solids	%	-	95.4	95.0	95.1	96.0

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U19-SB1	U19-SB2	U19-SB2	U19-SB3
Sample Date:		TAGM 4046	S-18631-092601-MEJ-007b	S-18631-092601-MEJ-006a	S-18631-092601-MEJ-006b	S-18631-092601-MEJ-008a
		Recommended Soil	9/26/2001	9/26/2001	9/26/2001	9/26/2001
		Cleanup Objective	18-20 ft	20-22 ft	28-30 ft	0-2 ft
Parameter	Unit					
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	5.3 U	5.2 U	5.3 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.3 U	5.2 U	5.3 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
1,1-Dichloroethane	µg/kg	200	5.3 U	5.2 U	5.3 U	5.3 U
1,1-Dichloroethene	µg/kg	400	5.3 U	5.2 U	5.3 U	5.3 U
1,2-Dichloroethane	µg/kg	100	5.3 U	5.2 U	5.3 U	5.3 U
1,2-Dichloropropane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
2-Butanone	µg/kg	300	21 U	21 U	21 U	21 U
2-Hexanone	µg/kg	-	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	60	5.3 U	5.2 U	5.3 U	5.3 U
Bromodichloromethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Bromoform	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Bromomethane	µg/kg	-	11 U	10 U	11 U	11 U
Carbon disulfide	µg/kg	2700	5.3 U	5.2 U	5.3 U	5.3 U
Carbon tetrachloride	µg/kg	600	5.3 U	5.2 U	5.3 U	5.3 U
Chlorobenzene	µg/kg	1700	5.3 U	5.2 U	5.3 U	5.3 U
Chloroethane	µg/kg	1900	11 U	10 U	11 U	11 U
Chloroform (Trichloromethane)	µg/kg	300	5.3 U	5.2 U	5.3 U	5.3 U
Chloromethane	µg/kg	-	11 U	10 U	11 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Dibromochloromethane	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Ethylbenzene	µg/kg	5500	5.3 U	5.2 U	5.3 U	5.3 U
Methylene chloride	µg/kg	100	5.3 UJ	5.2 UJ	5.3 UJ	5.3 UJ
Styrene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Tetrachloroethene	µg/kg	1400	5.3 U	5.2 U	5.3 U	5.3 U
Toluene	µg/kg	1500	1.2 J	5.2 U	1.3 J	5.3 U
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	17 U	17 U	18 U	17 U
trans-1,2-Dichloroethene	µg/kg	300	5.3 U	5.2 U	5.3 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	5.3 U	5.2 U	5.3 U	5.3 U
Trichloroethene	µg/kg	700	5.3 U	5.2 U	5.3 U	5.3 U
Vinyl chloride	µg/kg	200	11 U	10 U	11 U	11 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U19-SB1	U19-SB2	U19-SB2	U19-SB3
Sample Date:		TAGM 4046	S-18631-092601-MEJ-007b	S-18631-092601-MEJ-006a	S-18631-092601-MEJ-006b	S-18631-092601-MEJ-008a
Parameter		Recommended Soil	9/26/2001	9/26/2001	9/26/2001	9/26/2001
Unit		Cleanup Objective	18-20 ft	20-22 ft	28-30 ft	0-2 ft
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	350 U	340 U	350 U	350 U
1,2-Dichlorobenzene	µg / kg	7900	350 U	340 U	350 U	350 U
1,3-Dichlorobenzene	µg / kg	1600	350 U	340 U	350 U	350 U
1,4-Dichlorobenzene	µg / kg	8500	350 U	340 U	350 U	350 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	350 U	340 U	350 U	350 U
2,4,5-Trichlorophenol	µg / kg	100	350 U	340 U	350 U	350 U
2,4,6-Trichlorophenol	µg / kg	-	350 U	340 U	350 U	350 U
2,4-Dichlorophenol	µg / kg	400	350 U	340 U	350 U	350 U
2,4-Dimethylphenol	µg / kg	-	350 U	340 U	350 U	350 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1700 U	1700 UJ	1700 UJ	1700 U
2,4-Dinitrotoluene	µg / kg	-	350 U	340 U	350 U	350 U
2,6-Dinitrotoluene	µg / kg	1	350 U	340 U	350 U	350 U
2-Chloronaphthalene	µg / kg	-	350 U	340 U	350 U	350 U
2-Chlorophenol	µg / kg	800	350 U	340 U	350 U	350 U
2-Methyl naphthalene	µg / kg	36400	350 U	340 U	350 U	350 U
2-Methylphenol	µg / kg	100 or MDL	350 U	340 U	350 U	350 U
2-Nitroaniline	µg / kg	430 or MDL	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	350 U	340 U	350 U	350 U
3,3'-Dichlorobenzidine	µg / kg	-	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	350 U	340 U	350 U	350 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	350 U	340 U	350 U	350 U
4-Chloroaniline	µg / kg	220 or MDL	350 U	340 U	350 U	350 U
4-Chlorophenyl phenyl ether	µg / kg	-	350 U	340 U	350 U	350 U
4-Methylphenol	µg / kg	900	350 U	340 U	350 U	350 U
4-Nitroaniline	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg / kg	50,000	350 U	340 U	350 U	350 U
Acenaphthylene	µg / kg	41000	350 U	340 U	350 U	350 U
Anthracene	µg / kg	50000	350 U	340 U	350 U	350 U
Benzo(a)anthracene	µg / kg	224 or MDL	350 U	340 U	350 U	350 U
Benzo(a)pyrene	µg / kg	61 or MDL	350 U	340 U	350 U	350 U
Benzo(b)fluoranthene	µg / kg	1100	350 U	340 U	350 U	350 U
Benzo(g,h,i)perylene	µg / kg	50000	350 U	340 U	350 U	350 U
Benzo(k)fluoranthene	µg / kg	1100	350 U	340 U	350 U	350 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U19-SB1	U19-SB2	U19-SB2	U19-SB3
Sample Date:		TAGM 4046	S-18631-092601-MEJ-007b	S-18631-092601-MEJ-006a	S-18631-092601-MEJ-006b	S-18631-092601-MEJ-008a
		Recommended Soil	9/26/2001	9/26/2001	9/26/2001	9/26/2001
		Cleanup Objective	18-20 ft	20-22 ft	28-30 ft	0-2 ft
Parameter	Unit					
bis(2-Chloroethoxy)methane	µg/kg	-	350 U	340 U	350 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	350 U	340 U	350 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	39 J	340 U	350 U	350 U
Butyl benzylphthalate	µg/kg	50000	350 U	340 U	350 U	350 U
Carbazole	µg/kg	-	350 U	340 U	350 U	350 U
Chrysene	µg/kg	400	350 U	340 U	350 U	350 U
Dibenz(a,h)anthracene	µg/kg	14 or MDL	350 U	340 U	350 U	350 U
Dibenzofuran	µg/kg	6200	350 U	340 U	350 U	350 U
Diethyl phthalate	µg/kg	7100	350 U	340 U	350 U	350 U
Dimethyl phthalate	µg/kg	2000	350 U	340 U	350 U	350 U
Di-n-butylphthalate	µg/kg	8100	350 U	340 U	350 U	350 U
Di-n-octyl phthalate	µg/kg	50000	350 U	340 U	350 U	350 U
Fluoranthene	µg/kg	50000	350 U	340 U	350 U	350 U
Fluorene	µg/kg	50000	350 U	340 U	350 U	350 U
Hexachlorobenzene	µg/kg	410	350 U	340 U	350 U	350 U
Hexachlorobutadiene	µg/kg	-	350 U	340 U	350 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	1700 U	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	-	350 U	340 U	350 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	350 U	340 U	350 U	350 U
Isophorone	µg/kg	4400	350 U	340 U	350 U	350 U
Naphthalene	µg/kg	13000	350 U	340 U	350 U	350 U
Nitrobenzene	µg/kg	200 or MDL	350 U	340 U	350 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	350 U	340 U	350 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	350 U	340 U	350 U	350 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	350 U	340 U	350 U	350 U
Phenol	µg/kg	30 or MDL	350 U	340 U	350 U	350 U
Pyrene	µg/kg	50000	350 U	340 U	350 U	350 U
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	35 U	34 U	35 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	35 U	34 U	35 U	35 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
Sample Location:		NYSDEC	U19-SB1	U19-SB2	U19-SB2	U19-SB3
Sample ID:		TAGM 4046	S-18631-092601-MEJ-007b	S-18631-092601-MEJ-006a	S-18631-092601-MEJ-006b	S-18631-092601-MEJ-008a
Sample Date:		Recommended Soil	9/26/2001	9/26/2001	9/26/2001	9/26/2001
		Cleanup Objective	18-20 ft	20-22 ft	28-30 ft	0-2 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.1 U	1.0 U	1.1 U	1.1 U
Total Solids	%	-	93.9	96.2	94.4	94.4

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
<i>Sample Location:</i>		<i>NYSDEC</i>	<i>U19-SB3</i>	<i>U25-SB1</i>	<i>U25-SB1</i>	<i>U25-SB2</i>
<i>Sample ID:</i>		<i>TAGM 4046</i>	<i>S-18631-092601-MEJ-008b</i>	<i>S-18631-100901-MEJ-021a</i>	<i>S-18631-100901-MEJ-021b</i>	<i>S-18631-100901-MEJ-022a</i>
<i>Sample Date:</i>		<i>Recommended Soil</i>	<i>9/26/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>
		<i>Cleanup Objective</i>	<i>18-20 ft</i>	<i>0-4 ft</i>	<i>16-20 ft</i>	<i>0-4 ft</i>
<i>Parameter</i>	<i>Unit</i>					
Volatiles						
1,1,1-Trichloroethane	µg/kg	800	5.2 U	5.3 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.2 U	5.3 U	5.2 U	5.3 U
1,1,2-Trichloroethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethane	µg/kg	200	5.2 U	5.3 U	5.2 U	5.3 U
1,1-Dichloroethene	µg/kg	400	5.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloroethane	µg/kg	100	5.2 U	5.3 U	5.2 U	5.3 U
1,2-Dichloropropane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
2-Butanone	µg/kg	300	21 U	21 UJ	21 UJ	21 UJ
2-Hexanone	µg/kg	-	21 U	21 U	21 U	21 U
4-Methyl-2-pentanone	µg/kg	-	21 U	21 U	21 U	21 U
Acetone	µg/kg	200	21 UJ	21 UJ	21 UJ	21 UJ
Benzene	µg/kg	60	5.2 U	5.3 U	5.2 U	5.3 U
Bromodichloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Bromoform	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Bromomethane	µg/kg	-	10 U	R	R	R
Carbon disulfide	µg/kg	2700	5.2 U	5.3 U	5.2 U	5.3 U
Carbon tetrachloride	µg/kg	600	5.2 U	5.3 U	5.2 U	5.3 U
Chlorobenzene	µg/kg	1700	5.2 U	5.3 U	5.2 U	5.3 U
Chloroethane	µg/kg	1900	10 U	11 U	10 U	11 U
Chloroform (Trichloromethane)	µg/kg	300	5.2 U	5.3 U	5.2 U	5.3 U
Chloromethane	µg/kg	-	10 U	11 U	10 U	11 U
cis-1,2-Dichloroethene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Dibromochloromethane	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Ethylbenzene	µg/kg	5500	5.2 U	5.3 U	5.2 U	5.3 U
Methylene chloride	µg/kg	100	5.2 UJ	5.3 U	5.2 U	5.3 U
Styrene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Tetrachloroethene	µg/kg	1400	5.2 U	5.3 U	5.2 U	5.3 U
Toluene	µg/kg	1500	2.8 J	2.6 J	2.6 J	2.8 J
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	17 U	6.7 J	21 U	21 U
trans-1,2-Dichloroethene	µg/kg	300	5.2 U	5.3 U	5.2 U	5.3 U
trans-1,3-Dichloropropene	µg/kg	-	5.2 U	5.3 U	5.2 U	5.3 U
Trichloroethene	µg/kg	700	5.2 U	5.3 U	5.2 U	5.3 U
Vinyl chloride	µg/kg	200	10 U	11 U	10 U	11 U
Xylene (total)	µg/kg	1200	16 U	16 U	16 U	16 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
<i>Sample Location:</i>		NYSDEC	U19-SB3	U25-SB1	U25-SB1	U25-SB2
<i>Sample ID:</i>		TAGM 4046	S-18631-092601-MEJ-008b	S-18631-100901-MEJ-021a	S-18631-100901-MEJ-021b	S-18631-100901-MEJ-022a
<i>Sample Date:</i>		Recommended Soil	9/26/2001	10/9/2001	10/9/2001	10/9/2001
		Cleanup Objective	18-20 ft	0-4 ft	16-20 ft	0-4 ft
<i>Parameter</i>	<i>Unit</i>					
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg / kg	3400	350 U	350 U	340 U	350 U
1,2-Dichlorobenzene	µg / kg	7900	350 U	350 U	340 U	350 U
1,3-Dichlorobenzene	µg / kg	1600	350 U	350 U	340 U	350 U
1,4-Dichlorobenzene	µg / kg	8500	350 U	350 U	340 U	350 U
2,2'-oxybis(1-Chloropropane)	µg / kg	-	350 U	350 U	340 U	350 U
2,4,5-Trichlorophenol	µg / kg	100	350 U	350 U	340 U	350 U
2,4,6-Trichlorophenol	µg / kg	-	350 U	350 U	340 U	350 U
2,4-Dichlorophenol	µg / kg	400	350 U	350 U	340 U	350 U
2,4-Dimethylphenol	µg / kg	-	350 U	350 U	340 U	350 U
2,4-Dinitrophenol	µg / kg	200 or MDL	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	µg / kg	-	350 U	350 U	340 U	350 U
2,6-Dinitrotoluene	µg / kg	1	350 U	350 U	340 U	350 U
2-Chloronaphthalene	µg / kg	-	350 U	350 U	340 U	350 U
2-Chlorophenol	µg / kg	800	350 U	350 U	340 U	350 U
2-Methyl naphthalene	µg / kg	36400	350 U	350 U	340 U	350 U
2-Methylphenol	µg / kg	100 or MDL	350 U	350 U	340 U	350 U
2-Nitroaniline	µg / kg	430 or MDL	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	µg / kg	330 or MDL	350 U	350 U	340 U	350 U
3,3'-Dichlorobenzidine	µg / kg	-	1700 U	1700 U	1700 U	1700 U
3-Nitroaniline	µg / kg	500 or MDL	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl phenyl ether	µg / kg	-	350 U	350 U	340 U	350 U
4-Chloro-3-methylphenol	µg / kg	240 or MDL	350 U	350 U	340 U	350 U
4-Chloroaniline	µg / kg	220 or MDL	350 U	350 U	340 U	350 U
4-Chlorophenyl phenyl ether	µg / kg	-	350 U	350 U	340 U	350 U
4-Methylphenol	µg / kg	900	350 U	350 U	340 U	350 U
4-Nitroaniline	µg / kg	-	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	µg / kg	100 or MDL	1700 U	1700 U	1700 U	1700 U
Acenaphthene	µg / kg	50,000	350 U	350 U	340 U	350 U
Acenaphthylene	µg / kg	41000	350 U	350 U	340 U	350 U
Anthracene	µg / kg	50000	350 U	350 U	340 U	350 U
Benzo(a)anthracene	µg / kg	224 or MDL	350 U	170 J	340 U	39 J
Benzo(a)pyrene	µg / kg	61 or MDL	350 U	200 J ^a	340 U	56 J
Benzo(b)fluoranthene	µg / kg	1100	350 U	190 J	340 U	55 J
Benzo(g,h,i)perylene	µg / kg	50000	350 U	210 J	340 U	62 J
Benzo(k)fluoranthene	µg / kg	1100	350 U	220 J	340 U	58 J

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

Sample Location:		VON ROLLS ISOLA				
Sample ID:		NYSDEC	U19-SB3	U25-SB1	U25-SB1	U25-SB2
Sample Date:		TAGM 4046	S-18631-092601-MEJ-008b	S-18631-100901-MEJ-021a	S-18631-100901-MEJ-021b	S-18631-100901-MEJ-022a
Parameter		Recommended Soil	9/26/2001	10/9/2001	10/9/2001	10/9/2001
Unit		Cleanup Objective	18-20 ft	0-4 ft	16-20 ft	0-4 ft
bis(2-Chloroethoxy)methane	µg/kg	-	350 U	350 U	340 U	350 U
bis(2-Chloroethyl)ether	µg/kg	-	350 U	350 U	340 U	350 U
bis(2-Ethylhexyl)phthalate	µg/kg	50000	350 U	350 U	55 J	350 U
Butyl benzylphthalate	µg/kg	50000	350 U	350 U	340 U	350 U
Carbazole	µg/kg	-	350 U	350 U	340 U	350 U
Chrysene	µg/kg	400	350 U	230 J	340 U	60 J
Dibenz(a,h)anthracene	µg/kg	14 or MDL	350 U	44 J ^a	340 U	350 U
Dibenzofuran	µg/kg	6200	350 U	350 U	340 U	350 U
Diethyl phthalate	µg/kg	7100	350 U	350 U	340 U	350 U
Dimethyl phthalate	µg/kg	2000	350 U	350 U	340 U	350 U
Di-n-butylphthalate	µg/kg	8100	350 U	350 U	340 U	350 U
Di-n-octyl phthalate	µg/kg	50000	350 U	350 U	340 U	350 U
Fluoranthene	µg/kg	50000	350 U	470	340 U	100 J
Fluorene	µg/kg	50000	350 U	350 U	340 U	350 U
Hexachlorobenzene	µg/kg	410	350 U	350 U	340 U	350 U
Hexachlorobutadiene	µg/kg	-	350 U	350 U	340 U	350 U
Hexachlorocyclopentadiene	µg/kg	-	1700 U	1700 U	1700 U	1700 U
Hexachloroethane	µg/kg	-	350 U	350 U	340 U	350 U
Indeno(1,2,3-cd)pyrene	µg/kg	3200	350 U	210 J	340 U	58 J
Isophorone	µg/kg	4400	350 U	350 U	340 U	350 U
Naphthalene	µg/kg	13000	350 U	350 U	340 U	350 U
Nitrobenzene	µg/kg	200 or MDL	350 U	350 U	340 U	350 U
N-Nitrosodi-n-propylamine	µg/kg	-	350 U	350 U	340 U	350 U
N-Nitrosodiphenylamine	µg/kg	-	350 U	350 U	340 U	350 U
Pentachlorophenol	µg/kg	1000 or MDL	1700 U	1700 U	1700 U	1700 U
Phenanthrene	µg/kg	50000	350 U	250 J	340 U	43 J
Phenol	µg/kg	30 or MDL	350 U	350 U	340 U	86 J ^a
Pyrene	µg/kg	50000	350 U	420	340 U	93 J
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1221 (PCB-1221)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1232 (PCB-1232)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1242 (PCB-1242)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1248 (PCB-1248)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1254 (PCB-1254)	µg/kg	1000	35 U	35 U	34 U	35 U
Aroclor-1260 (PCB-1260)	µg/kg	1000	35 U	35 U	34 U	35 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

		VON ROLLS ISOLA				
Sample Location:		NYSDEC	U19-SB3	U25-SB1	U25-SB1	U25-SB2
Sample ID:		TAGM 4046	S-18631-092601-MEJ-008b	S-18631-100901-MEJ-021a	S-18631-100901-MEJ-021b	S-18631-100901-MEJ-022a
Sample Date:		Recommended Soil	9/26/2001	10/9/2001	10/9/2001	10/9/2001
		Cleanup Objective	18-20 ft	0-4 ft	16-20 ft	0-4 ft
Parameter	Unit					
General Chemistry						
Phenolics (Total)	mg/kg	-	1.0 U	1.1 U	1.0 U	1.1 U
Total Solids	%	-	95.5	94.7	95.8	95.1

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

VON ROLLS ISOLA

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>U25-SB2</i>	<i>U25-SB3</i>	<i>U25-SB3</i>	<i>VRI-1</i>
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100901-MEJ-022b</i>	<i>S-18631-100901-MEJ-023a</i>	<i>S-18631-100901-MEJ-023b</i>	<i>S-18631-101201-MEJ-024</i>
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/12/2001</i>
	<i>Cleanup Objective</i>	<i>16-20 ft</i>	<i>0-4 ft</i>	<i>16-20 ft</i>	<i>55-57 ft</i>
<i>Parameter</i>	<i>Unit</i>				
Volatiles					
1,1,1-Trichloroethane	µg/kg	800	5.1 U	5.4 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	600	5.1 U	5.4 U	5.2 U
1,1,2-Trichloroethane	µg/kg	-	5.1 U	5.4 U	5.2 U
1,1-Dichloroethane	µg/kg	200	5.1 U	5.4 U	5.2 U
1,1-Dichloroethene	µg/kg	400	5.1 U	5.4 U	5.2 U
1,2-Dichloroethane	µg/kg	100	5.1 U	5.4 U	5.2 U
1,2-Dichloropropane	µg/kg	-	5.1 U	5.4 U	5.2 U
2-Butanone	µg/kg	300	20 UJ	22 UJ	21 UJ
2-Hexanone	µg/kg	-	20 U	22 U	21 U
4-Methyl-2-pentanone	µg/kg	-	20 U	22 U	21 U
Acetone	µg/kg	200	20 UJ	22 UJ	21 UJ
Benzene	µg/kg	60	5.1 U	5.4 U	5.2 U
Bromodichloromethane	µg/kg	-	5.1 U	5.4 U	5.2 U
Bromoform	µg/kg	-	5.1 U	5.4 U	5.2 U
Bromomethane	µg/kg	-	R	R	R
Carbon disulfide	µg/kg	2700	5.1 U	5.4 U	5.2 U
Carbon tetrachloride	µg/kg	600	5.1 U	5.4 U	5.2 U
Chlorobenzene	µg/kg	1700	5.1 U	5.4 U	5.2 U
Chloroethane	µg/kg	1900	10 U	11 U	10 U
Chloroform (Trichloromethane)	µg/kg	300	5.1 U	5.4 U	5.2 U
Chloromethane	µg/kg	-	10 U	11 U	10 U
cis-1,2-Dichloroethene	µg/kg	-	5.1 U	5.4 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	-	5.1 U	5.4 U	5.2 U
Dibromochloromethane	µg/kg	-	5.1 U	5.4 U	5.2 U
Ethylbenzene	µg/kg	5500	5.1 U	5.4 U	5.2 U
Methylene chloride	µg/kg	100	5.1 U	5.4 U	5.2 U
Styrene	µg/kg	-	5.1 U	5.4 U	5.2 U
Tetrachloroethene	µg/kg	1400	5.1 U	5.4 U	5.2 U
Toluene	µg/kg	1500	3.1 J	3.0 J	2.6 J
Total Petroleum Hydrocarbons (C21-C28)	µg/kg	-	20 U	4.2 J	4.4 J
trans-1,2-Dichloroethene	µg/kg	300	5.1 U	5.4 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	-	5.1 U	5.4 U	5.2 U
Trichloroethene	µg/kg	700	5.1 U	5.4 U	5.2 U
Vinyl chloride	µg/kg	200	10 U	11 U	10 U
Xylene (total)	µg/kg	1200	15 U	16 U	16 U

14000^a

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

VON ROLLS ISOLA

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>U25-SB2</i>	<i>U25-SB3</i>	<i>U25-SB3</i>	<i>VRI-1</i>
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100901-MEJ-022b</i>	<i>S-18631-100901-MEJ-023a</i>	<i>S-18631-100901-MEJ-023b</i>	<i>S-18631-101201-MEJ-024</i>
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/12/2001</i>
	<i>Cleanup Objective</i>	<i>16-20 ft</i>	<i>0-4 ft</i>	<i>16-20 ft</i>	<i>55-57 ft</i>
<i>Parameter</i>	<i>Unit</i>				
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	3400	340 U	360 U	340 U
1,2-Dichlorobenzene	µg/kg	7900	340 U	360 U	340 U
1,3-Dichlorobenzene	µg/kg	1600	340 U	360 U	340 U
1,4-Dichlorobenzene	µg/kg	8500	340 U	360 U	340 U
2,2'-oxybis(1-Chloropropane)	µg/kg	-	340 U	360 U	340 U
2,4,5-Trichlorophenol	µg/kg	100	340 U	360 U	340 U
2,4,6-Trichlorophenol	µg/kg	-	340 U	360 U	340 U
2,4-Dichlorophenol	µg/kg	400	340 U	360 U	340 U
2,4-Dimethylphenol	µg/kg	-	340 U	360 U	1000
2,4-Dinitrophenol	µg/kg	200 or MDL	1600 U	1700 U	1600 U
2,4-Dinitrotoluene	µg/kg	-	340 U	360 U	340 U
2,6-Dinitrotoluene	µg/kg	1	340 U	360 U	340 U
2-Chloronaphthalene	µg/kg	-	340 U	360 U	340 U
2-Chlorophenol	µg/kg	800	340 U	360 U	340 U
2-Methyl naphthalene	µg/kg	36400	340 U	360 U	340 U
2-Methylphenol	µg/kg	100 or MDL	340 U	360 U	340 U
2-Nitroaniline	µg/kg	430 or MDL	1600 U	1700 U	1600 U
2-Nitrophenol	µg/kg	330 or MDL	340 U	360 U	340 U
3,3'-Dichlorobenzidine	µg/kg	-	1600 U	1700 U	1600 U
3-Nitroaniline	µg/kg	500 or MDL	1600 U	1700 U	1600 U
4,6-Dinitro-2-methylphenol	µg/kg	-	1600 U	1700 U	1600 U
4-Bromophenyl phenyl ether	µg/kg	-	340 U	360 U	340 U
4-Chloro-3-methylphenol	µg/kg	240 or MDL	340 U	360 U	340 U
4-Chloroaniline	µg/kg	220 or MDL	340 U	360 U	340 U
4-Chlorophenyl phenyl ether	µg/kg	-	340 U	360 U	340 U
4-Methylphenol	µg/kg	900	340 U	360 U	340 U
4-Nitroaniline	µg/kg	-	1600 U	1700 U	1600 U
4-Nitrophenol	µg/kg	100 or MDL	1600 UJ	1700 UJ	1600 U
Acenaphthene	µg/kg	50,000	340 U	360 U	340 U
Acenaphthylene	µg/kg	41000	340 U	360 U	340 U
Anthracene	µg/kg	50000	340 U	360 U	340 U
Benzo(a)anthracene	µg/kg	224 or MDL	340 U	360 U	340 U
Benzo(a)pyrene	µg/kg	61 or MDL	340 U	360 U	340 U
Benzo(b)fluoranthene	µg/kg	1100	340 U	360 U	340 U
Benzo(g,h,i)perylene	µg/kg	50000	340 U	360 U	340 U
Benzo(k)fluoranthene	µg/kg	1100	340 U	360 U	340 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

VON ROLLS ISOLA

<i>Sample Location:</i>	<i>NYSDEC</i>	<i>U25-SB2</i>	<i>U25-SB3</i>	<i>U25-SB3</i>	<i>VRI-1</i>
<i>Sample ID:</i>	<i>TAGM 4046</i>	<i>S-18631-100901-MEJ-022b</i>	<i>S-18631-100901-MEJ-023a</i>	<i>S-18631-100901-MEJ-023b</i>	<i>S-18631-101201-MEJ-024</i>
<i>Sample Date:</i>	<i>Recommended Soil</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/9/2001</i>	<i>10/12/2001</i>
	<i>Cleanup Objective</i>	<i>16-20 ft</i>	<i>0-4 ft</i>	<i>16-20 ft</i>	<i>55-57 ft</i>
<i>Parameter</i>	<i>Unit</i>				
bis(2-Chloroethoxy)methane	µg / kg	-	340 U	360 U	340 U
bis(2-Chloroethyl)ether	µg / kg	-	340 U	360 U	340 U
bis(2-Ethylhexyl)phthalate	µg / kg	50000	40 J	360 U	340 U
Butyl benzylphthalate	µg / kg	50000	340 U	360 U	340 U
Carbazole	µg / kg	-	340 U	360 U	340 U
Chrysene	µg / kg	400	340 U	360 U	340 U
Dibenz(a,h)anthracene	µg / kg	14 or MDL	340 U	360 U	340 U
Dibenzofuran	µg / kg	6200	340 U	360 U	340 U
Diethyl phthalate	µg / kg	7100	340 U	360 U	340 U
Dimethyl phthalate	µg / kg	2000	340 U	360 U	340 U
Di-n-butylphthalate	µg / kg	8100	340 U	360 U	340 U
Di-n-octyl phthalate	µg / kg	50000	340 U	360 U	340 U
Fluoranthene	µg / kg	50000	340 U	360 U	340 U
Fluorene	µg / kg	50000	340 U	360 U	340 U
Hexachlorobenzene	µg / kg	410	340 U	360 U	340 U
Hexachlorobutadiene	µg / kg	-	340 U	360 U	340 U
Hexachlorocyclopentadiene	µg / kg	-	1600 U	1700 U	1600 U
Hexachloroethane	µg / kg	-	340 U	360 U	340 U
Indeno(1,2,3-cd)pyrene	µg / kg	3200	340 U	360 U	340 U
Isophorone	µg / kg	4400	340 U	360 U	340 U
Naphthalene	µg / kg	13000	340 U	360 U	340 U
Nitrobenzene	µg / kg	200 or MDL	340 U	360 U	340 U
N-Nitrosodi-n-propylamine	µg / kg	-	340 U	360 U	340 U
N-Nitrosodiphenylamine	µg / kg	-	340 U	360 U	340 U
Pentachlorophenol	µg / kg	1000 or MDL	1600 U	1700 U	1600 U
Phenanthrene	µg / kg	50000	340 U	360 U	340 U
Phenol	µg / kg	30 or MDL	340 U	360 U	340 U
Pyrene	µg / kg	50000	340 U	360 U	340 U
PCBs					
Aroclor-1016 (PCB-1016)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1221 (PCB-1221)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1232 (PCB-1232)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1242 (PCB-1242)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1248 (PCB-1248)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1254 (PCB-1254)	µg / kg	1000	34 U	36 U	34 U
Aroclor-1260 (PCB-1260)	µg / kg	1000	34 U	36 U	34 U

TABLE 5.1

SOIL ANALYTICAL RESULTS SUMMARY
SEPTEMBER-OCTOBER 2001

VON ROLLS ISOLA

Sample Location:	NYSDEC	U25-SB2	U25-SB3	U25-SB3	VRI-1
Sample ID:	TAGM 4046	S-18631-100901-MEJ-022b	S-18631-100901-MEJ-023a	S-18631-100901-MEJ-023b	S-18631-101201-MEJ-024
Sample Date:	Recommended Soil	10/9/2001	10/9/2001	10/9/2001	10/12/2001
	Cleanup Objective	16-20 ft	0-4 ft	16-20 ft	55-57 ft

Parameter**Unit****General Chemistry**

Phenolics (Total)	mg/kg	-	1.0 U	2.0	1.0 U	1.0 U
Total Solids	%	-	98.0	92.7	96.3	97.1

Notes:

- ND - Non-detect at associated value.
 U - Non-detect at associated value.
 J - Associated value is considered estimated.
☐ - NYSDEC Class GA exceedance.