

Chemistry Results  
Bronx Terminal Market Waterfront Park Project  
BUD No. 903-2-31  
Anchorage Channel PDM

Parameter	BUD Standard (ppm)	AB-1	AB-2	AB-3	AB-4	AB-5	AB-6	AB-7	AB-8	AB-9	AB-10	AB-11	AB-12	AB-13	AB-14	AB-15
		SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
<b>Metals</b>																
		Concentration (ppm or mg/kg)														
Antimony	2.7	1.8 U	1.8 U	1.7 U	1.6 U	1.9 U	1.9 U	1.5 U	1.6 U	1.5 U	1.6 U	1.5 U	1.3 U	1.4 U	1.3 U	1.4 U
Arsenic	16	3.6 J	4.6 J	4.5 J	4.4 J	4.4 J	3.7 J	3.2	3.4	3.4	3.6	5.5	3.7	5.2	5.3	4.1
Barium	350	18.7	28.6	26.1	22.8	30.4	29.3	23.2 B	27.6 B	30.3 B	29.8 B	34.2 B	32.9 B	31.4 B	18.3 B	20 B
Beryllium	14	0.32 U	0.33 U	0.32 U	0.29 U	0.36 U	0.35 U	0.34 B	0.35 B	0.34 B	0.28 B	0.34 B	0.27 B	0.31 B	0.3 B	0.32 B
Cadmium	2.5	0.76 U	0.79 U	0.75 U	0.69 U	0.84 U	0.84 U	0.11 U	0.11 U	0.1 U	0.11 U	0.1 U	0.093 U	0.098 U	0.13 U	0.14 U
Chromium	36	19.6	33.8	24.5	21.9	32.8	32.2	19.1	21.5	22.9	21.9	23.1	24.8	20.7	17.8	20
Lead	400	17.8	51.2	17.3	14.2	13.3	20.0	7.9	8.2	8.1	28.9	36.7	25.4	36.2	9.9	9.2
Mercury	0.73	0.23	0.27	0.19	0.092	0.090	0.14	0.07	0.07	0.06	0.2	0.48	0.29	0.54	0.03 B	0.05
Nickel	130	11.4	25.0	16.2	14.9	18.2	22.8	13	14.5	15.6	14.4	21.3	14.5	16.9	11.7	13.3
Selenium	4	1.3 U	1.4 U	1.3 U	1.2 U	1.5 U	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.97 U	1 U	1.3 U	1.3 U
Silver	8.3	0.41 U	0.43 U	0.40 U	0.37 U	0.45 U	0.45 U	0.37 U	0.38 U	0.36 U	0.38 U	0.37 U	0.32 U	0.34 U	0.32 U	0.33 U
Vanadium	150	17.1	19.1	23.2	21.5	32.0	29.0	20.3	23.5	24.9	21.9	23	20.4	21.7	16.9	19.9
Zinc	2200	43.9	129	53.5	47.2	72	69.9	37.3	41.8	45.6	50.3	62	54.6	52	38.7	43.3
<b>Pesticides/ Herbicides/ PCBs</b>																
Aroclor-1016	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1221	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1232	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1242	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1248	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1254	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Aroclor-1260	1	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Sum of PCBs	1	0	0	0	0	0	0	0	0	0	0	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
alpha-BHC	0.02	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
gamma-BHC (Lindane)	0.1	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Toxaphene	0.6	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
4,4'-DDE	1.8	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
4,4'-DDT	1.7	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
4,4'-DDD	2.6	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Aldrin	0.019	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Dieldrin	0.039	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Methoxychlor	160	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
beta-BHC	0.072	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Heptachlor Epoxide	0.02	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Endrin	0.06	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Heptachlor	0.38	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Chlordane	0.54	0.087 U	0.088 U	0.093 U	0.092 U	0.088 U	0.089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Endosulfan I	4.8	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.089 U	0.09 U	0.095 U	0.09 U	0.088 U	0.078 U	0.082 U	0.09 U	0.093 U
Endosulfan II	4.8	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Endosulfan sulfate	4.8	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
delta BHC	0.25	0.0087 U	0.0088 U	0.0093 U	0.0092 U	0.0088 U	0.0089 U	0.0089 U	0.009 U	0.0095 U	0.009 U	0.0088 U	0.0078 U	0.0082 U	0.009 U	0.0093 U
Dibenzofuran	14	0.43 U	0.11 J	0.46 U	0.46 U	0.0091 J	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U
2,4,5-TP (Silvex)	3.8	0.022 U	0.022 U	0.023 U	0.023 U	0.022 U	0.022 U	0.022 U	0.022 U	0.024 U	0.022 U	0.022 U	0.019 U	0.02 U	0.022 U	0.023 U
Sum of Pesticides	10	0	0.011	0	0	0.0091	0	0	0	0	0	0	0	0	0.022 U	0.023 U
<b>Semivolatiles</b>																
1,2-Dichlorobenzene	1.1	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U
1,4-Dichlorobenzene	1.8	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U
2,4,5-Trichlorophenol	0.1	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U
2,4,6-Trichlorophenol	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U

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Parameter	BUD Standard (ppm)	AB-1	AB-2	AB-3	AB-4	AB-5	AB-6	AB-7	AB-8	AB-9	AB-10	AB-11	AB-12	AB-13	AB-14	AB-15	MDL
		SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	
Concentration (ppm or mg/kg)																	
<b>Semivolatiles</b>																	
2,4-Dichlorophenol	0.4	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	0.18
2,4-Dimethylphenol	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
2,4-Dinitrophenol	0.2	1.3 U	1.3 U	1.4 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.4 U	0.07
2,4-Dinitrotoluene	50	0.086 U	0.088 U	0.092 U	0.091 U	0.087 U	0.089 U	0.088 U	0.09 U	0.094 U	0.09 U	0.087 U	0.077 U	0.082 U	0.09 U	0.093 U	
2,6-Dinitrotoluene	1	0.086 U	0.088 U	0.092 U	0.091 U	0.087 U	0.089 U	0.088 U	0.09 U	0.094 U	0.09 U	0.087 U	0.077 U	0.082 U	0.09 U	0.093 U	
2-Chlorophenol	0.8	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
2-Methylphenol (o-Cresol)	0.33	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
3,3'-Dichlorobenzidine	50	0.86 U	0.88 U	0.92 U	0.91 U	0.87 U	0.89 U	0.88 U	0.9 U	0.94 U	0.9 U	0.87 U	0.77 U	0.82 U	0.9 U	0.93 U	0.16
4-Chloroaniline	0.22	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Acenaphthene	98	0.43 U	0.014 J	0.46 U	0.46 U	0.011 J	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	0.02
Anthracene	100	0.067 J	0.1 J	0.027 J	0.46 U	0.014 J	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Benzo(a)anthracene	1	0.13	0.24	0.082	0.017 J	0.033 J	0.016 J	0.044 U	0.045 U	0.047 U	0.062	0.018 J	0.015 J	0.038 J	0.45 U	0.46 U	
Benzo(a)pyrene	1	0.11	0.21	0.071	0.016 J	0.024 J	0.015 J	0.044 U	0.045 U	0.047 U	0.05	0.04 J	0.033 J	0.088	0.045 U	0.046 U	
Benzo(b)fluoranthene	1	0.069	0.14	0.045 J	0.012 J	0.017 J	0.0096 J	0.044 U	0.045 U	0.047 U	0.028 J	0.03 J	0.024 J	0.068	0.045 U	0.046 U	
Benzo(k)fluoranthene	1	0.095	0.19	0.063	0.012 J	0.023 J	0.015 J	0.044 U	0.045 U	0.047 U	0.048	0.036 J	0.033 J	0.08	0.045 U	0.046 U	
Bis(2-ethylhexyl)phthalate	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Butyl benzyl phthalate	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Chrysene	1	0.1 J	0.22 J	0.072 J	0.015 J	0.029 J	0.014 J	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Cresol	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Dibenzo(a,h)anthracene	0.33	0.024 J	0.035 J	0.016 J	0.046 U	0.044 U	0.044 U	0.044 U	0.44 U	0.45 U	0.47 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Diethyl phthalate	7.1	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Di-n-butyl phthalate	8.1	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Di-n-octyl phthalate	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Fluoranthene	100	0.22 J	0.4 J	0.094 J	0.026 J	0.066 J	0.02 J	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Fluorene	100	0.016 J	0.022 J	0.46 U	0.46 U	0.016 J	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Hexachlorobenzene	0.33	0.043 U	0.044 U	0.046 U	0.046 U	0.044 U	0.044 U	0.044 U	0.44 U	0.45 U	0.47 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Hexachlorocyclopentadiene	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Hexachloroethane	50	0.043 U	0.044 U	0.046 U	0.046 U	0.044 U	0.044 U	0.044 U	0.44 U	0.45 U	0.47 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Indeno(1,2,3-cd)pyrene	0.5	0.048	0.095	0.036 J	0.046 U	0.0094 J	0.044 U	0.044 U	0.045 U	0.047 U	0.045 U	0.044 U	0.039 U	0.041 U	0.045 U	0.046 U	
Isophorone	4.4	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Naphthalene	12	0.43 U	0.026 J	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Nitrobenzene	0.2	0.043 U	0.044 U	0.046 U	0.046 U	0.044 U	0.044 U	0.044 U	0.44 U	0.45 U	0.47 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
N-Nitrosodiphenylamine	50	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
N-Nitrosodipropylamine	50	0.043 U	0.044 U	0.046 U	0.046 U	0.044 U	0.044 U	0.044 U	0.44 U	0.45 U	0.47 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Pentachlorophenol	0.8	1.3 U	1.3 U	1.4 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.4 U	0.15
Phenol	0.33	0.43 U	0.44 U	0.46 U	0.46 U	0.44 U	0.44 U	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	
Pyrene	100	0.2 J	0.44	0.13 J	0.03 J	0.059 J	0.028 J	0.44 U	0.45 U	0.47 U	0.45 U	0.44 U	0.39 U	0.41 U	0.45 U	0.46 U	0.16
<b>Total Semivolatiles</b>	<b>500</b>	<b>1.079</b>	<b>2.132</b>	<b>0.636</b>	<b>0.128</b>	<b>0.3014</b>	<b>0.1176</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.471</b>	<b>0.379</b>	<b>0.342</b>	<b>0.836</b>	<b>0</b>	<b>0</b>	
<b>Volatiles</b>																	
1,1,1-Trichloroethane	0.68	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U	
1,1,2,2-Tetrachloroethane	0.6	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	
1,1,2-Trichloroethane	0.1	0.0037 U	0.0039 U	0.004 U	0.004 U	0.0039 U	0.0038 U	0.0038 U	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0034 U	0.0036 U	0.0039 U	0.004 U	
1,1-Dichloroethane	0.27	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U	
1,1-Dichloroethylene	0.33	0.0025 U	0.0026 U	0.0027 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U	0.0027 U	0.0028 U	0.0027 U	0.0026 U	0.0023 U	0.0024 U	0.0026 U	0.0027 U	
1,2,4-Trichlorobenzene	3.4	0.043 U	0.044 U	0.046 U	0.046 U	0.044 U	0.044 U	0.044 U	0.045 U	0.047 U	0.045 U	0.044 U	0.039 U	0.041 U	0.045 U	0.046 U	
1,2-Dichloroethane	0.02	0.0025 U	0.0026 U	0.0027 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U	0.0027 U	0.0028 U	0.0027 U	0.0026 U	0.0023 U	0.0024 U	0.0026 U	0.0027 U	
1,2-Dichloropropane	0.15	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U	
Acetone	0.05	0.08	0.14	0.2	0.22	0.18	0.24	0.057	0.1	0.14	0.1	0.08	0.039	0.04	0.046	0.21	

**Chemistry Results**  
**Bronx Terminal Market Waterfront Park Project**  
**BUD No. 903-2-31**  
**Anchorage Channel PDM**

Parameter	BUD Standard	AB-1	AB-2	AB-3	AB-4	AB-5	AB-6	AB-7	AB-8	AB-9	AB-10	AB-11	AB-12	AB-13	AB-14	AB-15
	(ppm)	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
<b>Volatiles</b>																
		Concentration (ppm or mg/kg)														
Benzene	0.06	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U
Bromodichloromethane	3	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U
Bromoform	4	0.005 U	0.0052 U	0.0054 U	0.0054 U	0.0052 U	0.0051 U	0.0051 U	0.0053 U	0.0056 U	0.0054 U	0.0052 U	0.0046 U	0.0048 U	0.0052 U	0.0054 U
Bromomethane	0.5	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Carbon disulfide	2.7	0.0035 J	0.0032 J	0.0072	0.0055 J	0.0033 J	0.005 J	0.0006 J	0.0008 J	0.0008 J	0.0008 J	0.0008 J	0.0008 J	0.0006 J	0.005 J	0.0063 J
Carbon tetrachloride	0.76	0.0025 U	0.0026 U	0.0027 U	0.0027 U	0.0026 U	0.0026 U	0.0026 U	0.0027 U	0.0028 U	0.0027 U	0.0026 U	0.0023 U	0.0024 U	0.0026 U	0.0027 U
Chlorobenzene	1.1	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Chloroform	0.37	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
cis-1,2-Dichloroethylene	0.25	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Dibromochloromethane	5	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Ethylbenzene	1	0.005 U	0.0052 U	0.0054 U	0.0054 U	0.0052 U	0.0051 U	0.0051 U	0.0053 U	0.0056 U	0.0054 U	0.0052 U	0.0046 U	0.0048 U	0.0052 U	0.0054 U
Methylene chloride	0.05	0.0037 U	0.0039 U	0.004 U	0.0098 B	0.011 B	0.012 B	0.0031 J	0.0047	0.0072	0.0097	0.0086	0.0043	0.0048	0.006	0.0048
m-Xylene	1.6	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
o-Xylene																
p-Xylene																
Styrene	16	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Tetrachloroethylene	1.3	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U
Toluene	0.7	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
trans-1,2-Dichloroethylene	0.19	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
Trichloroethylene	0.47	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0013 U
Vinyl chloride	0.02	0.0062 U	0.0064 U	0.0067 U	0.0067 U	0.0065 U	0.0064 U	0.0064 U	0.0067 U	0.007 U	0.0067 U	0.0065 U	0.0057 U	0.006 U	0.0065 U	0.0067 U
<b>Total Volatiles</b>	<b>10</b>	<b>0.0835</b>	<b>0.1432</b>	<b>0.2072</b>	<b>0.2353</b>	<b>0.1943</b>	<b>0.257</b>	<b>0.0607</b>	<b>0.1055</b>	<b>0.148</b>	<b>0.1105</b>	<b>0.0894</b>	<b>0.049</b>	<b>0.0454</b>	<b>0.057</b>	<b>0.2211</b>

**Legend:**

- Part 375 Standard
- TAGM 4046 Guidance Value
- Contaminant Limits for BUD No. 903-2-31 for Parameters not addressed in 6 NYCRR Part 375 or DER TAGM 4046
- Unrestricted Use SCO where no ecological value is indicated

**Qualifiers:**

- U - The compound was not detected at the indicated concentration.
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

**Organics:**

- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

**Metals:**

- B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

**Notes:**

Sample collection rate: 1 sample for every 1,000 cy of PDM

**MDL (Method Detection Limit)** - the lowest limit that the instrument can detect. It is determined on samples which have gone through the entire sample preparation scheme prior to analysis. Measurements above the MDL indicate whether or not an analyte is present or absent in the sample. then

The Reporting Limit (value provided in table) is normally 3 to 10 times the **MDL** and is considered the lowest concentration that can be accurately measured, as opposed to just detected by the analytical method.

**Acetone:** Detected above BUD Standard. Acetone is one of the most common lab contaminants and the very low detected values may not be the true soil concentrations. Based on the known chemical and physical properties of acetone it is not expected to be present in this material, especially in context of the entire organic parameter results for these samples.