

Table E - 7
Groundwater Quality Parameters (mg/L) for the Till-Sand Unit

Location Code	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
WNW0302	UP	Jul-92	362	23.7	1.0	<0.05	241	<1.0	< 0.005
WNW0302	UP	Dec-92	304	30.7	0.99	<0.05	243	<1.0	< 0.005
WNW0402	UP	Jul-92	235	40.1	0.010	<0.05	203	<1.0	< 0.005
WNW0402	UP	Dec-92	248	39.0	0.018	<0.05	202	<1.0	< 0.005
WNW0404	UP	Jul-92	1.5	20.6	0.012	<0.05	97.3	2.1	< 0.005
WNW0404	UP	Dec-92	<1.0	26.0	0.20	<0.05	106	<1.0	< 0.005
WNW0202	DOWN - B	Jul-92	24.6	28.5	0.015	0.56	<1.0	25.0	< 0.005
WNW0202	DOWN - B	Dec-92	25.5	49.1	<0.010	0.50	<1.0	60.8	< 0.005
WNW0204	DOWN - B	Jul-92	95.1	28.4	0.88	0.17	124	<1.0	< 0.005
WNW0204	DOWN - B	Dec-92	68.2	33.4	<0.010	0.17	150	<1.0	< 0.005
WNW0206	DOWN - B	Jul-92	68.4	35.7	0.028	0.06	156	<1.0	< 0.005
WNW0206	DOWN - B	Dec-92	66.8	35.8	<0.010	0.08	169	<1.0	< 0.005
WNW0208	DOWN - B	Jul-92	1.5	17.5	<0.010	0.17	132	<1.0	< 0.005
WNW0208	DOWN - B	Dec-92	<1.0	28.0	<0.010	0.20	139	<1.0	< 0.005
WNW0701	DOWN - B	Aug-92	<2.0	260	0.022	0.25	167	<1.0	0.029
WNW0701	DOWN - B	Dec-92	<1.0	194	0.025	0.21	162	<1.0	< 0.005
WNW0905	DOWN - B	Jul-92	13.4	476	0.014	0.08	275	<1.0	< 0.005
WNW0905	DOWN - B	Dec-92	12.4	652	<0.010	0.08	406	<1.0	< 0.005

Hydraulic position is the general position in the geologic unit.

Hydroxide alkalinity (as mgCaCO₃/L) at location WNW0202 = 243 in July and 312 in December.

Table E - 7 (concluded)
Groundwater Quality Parameters (mg/L) for the Till-Sand Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW0302	UP	Jul-92	166	182	23.3	24.8	97.4	119	1.88	2.12	0.368	<0.012	0.040	0.037
WNW0302	UP	Dec-92	164	174	20.7	21.4	101	104	2.06	1.94	0.310	<0.030	0.058	0.031
WNW0402	UP	Jul-92	132	154	25.1	26.9	28.3	29.6	2.14	1.65	2.24	0.889	0.134	0.128
WNW0402	UP	Dec-92	156	160	27.9	29.2	32.5	34.0	1.65	1.74	1.15	1.09	0.128	0.128
WNW0404	UP	Jul-92	29.7	34.7	5.44	5.21	7.63	8.11	1.28	0.812	2.69	<0.012	0.040	0.003
WNW0404	UP	Dec-92	36.5	38.8	5.43	5.80	8.84	9.47	0.740	0.800	0.430	<0.030	<0.003	<0.003
WNW0202	DOWN - B	Jul-92	135	314*	0.32	<0.10	33.1	40.7	24.0	24.9	0.192	0.028	<0.002	<0.001
WNW0202	DOWN - B	Dec-92	90.0	135	1.27	0.36	27.4	30.5	13.0	17.4	0.480	<0.030	0.008	<0.003
WNW0204	DOWN - B	Jul-92	67.8	60.5	13.2	15.4	11.2	12.0	1.76	2.31	0.259	0.072	0.054	0.069
WNW0204	DOWN - B	Dec-92	73.0	74.8	16.4	16.8	12.2	12.8	2.02	2.17	0.320	0.120	0.077	0.072
WNW0206	DOWN - B	Jul-92	59.4	75.8	13.5	18.2	9.66	12.8	1.10	1.38	1.47	0.306	0.135	0.184
WNW0206	DOWN - B	Dec-92	80.9	88.7	18.3	20.1	12.7	13.8	1.21	1.22	0.750	0.242	0.167	0.173
WNW0208	DOWN - B	Jul-92	30.8	35.9	8.39	9.06	14.5	15.1	0.960	0.914	0.483	<0.012	0.048	0.047
WNW0208	DOWN - B	Dec-92	38.0	41.4	9.38	10.4	16.0	17.7	1.00	1.05	0.340	<0.030	0.049	0.048
WNW0701	DOWN - B	Aug-92	115	134	24.8	25.5	14.6	16.6	1.38	2.71	3.38	0.068	0.342	0.298
WNW0701	DOWN - B	Dec-92	151	166	28.0	28.9	13.8	17.1	1.78	1.38	4.50	0.320	0.371	0.334
WNW0905	DOWN - B	Jul-92	204	196	77.9	83.0	12.9	12.4	3.49	3.62	2.74	2.14	0.542	0.762
WNW0905	DOWN - B	Dec-92	233	235	83.1	80.6	14.7	14.6	4.44	4.23	2.64	1.41	0.612	0.600

Hydraulic position is the general position in the geologic unit.

** Apparent analytical outlier.*

Table E - 8
Groundwater Quality Parameters (mg/L) for the Unweathered Lavery Till Unit

Location	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
JW0405	UP	Jul-92	78.6	163	0.90	<0.05	177	< 1.0	<0.005
JW0405	UP	Dec-92	29.0	159	2.0	<0.05	200	< 1.0	<0.005
JW0704	UP	Aug-92	6.6	204	< 0.01	0.11	411	< 1.0	0.036
JW0704	UP	Dec-92	1.0	218	0.02	0.05	416	<1.0	<0.005
JW0707	UP	Aug-92	6.7	52.5	0.12	<0.05	160	<1.0	<0.005
JW0707	UP	Dec-92	3.5	104	0.23	<0.05	90.7	<1.0	<0.005
JW0109	DOWN - B	Jul-92	2.6	124	0.08	0.08	201	<1.0	<0.005
JW0109	DOWN - B	Dec-92	<1.0	151	0.23	<0.05	194	<1.0	<0.005
JW0110	DOWN - B	Jul-92	<1.0	114	0.06	<0.05	222	<1.0	<0.005
JW0110	DOWN - B	Dec-92	<1.0	73.2	0.12	<0.05	207	<1.0	<0.005
JW0115	DOWN - B	Jul-92	4.2	91.0	0.02	0.08	138	<1.0	<0.005
JW0115	DOWN - B	Dec-92	5.3	210	0.06	0.11	148	<1.0	<0.005
JW0702	DOWN - B	Aug-92	<1.0	430	0.39	0.05	209	<1.0	0.032
JW0702	DOWN - B	Dec-92	<5.0	358	0.43	0.06	211	<1.0	<0.005
JW0703	DOWN - B	Aug-92	3.1	280	0.01	0.07	183	<1.0	<0.005
JW0703	DOWN - B	Dec-92	1.5	303	0.14	<0.05	184	<1.0	<0.005
W0705	DOWN - B	Aug-92	5.7	61.6	< 0.01	0.06	180	<1.0	<0.005
W0705	DOWN - B	Dec-92	3.0	34.2	0.15	<0.05	101	<1.0	<0.005
W0904	DOWN - B	Jul-92	6.4	264	0.08	<0.05	225	<1.0	<0.005
W0904	DOWN - B	Dec-92	6.2	266	0.03	<0.05	234	<1.0	<0.005
W1101B	DOWN - B	Aug-92	1.8	243	0.48	<0.05	250	<1.0	0.018
W1101B	DOWN - B	Dec-92	<1.0	246	0.64	<0.05	284	<1.0	<0.005
W1106B	DOWN - B	Aug-92	<1.0	151	< 0.01	0.18	271	<1.0	0.006
W1106B	DOWN - B	Dec-92	<1.0	182	0.15	<0.05	295	<1.0	<0.005
W1109B	DOWN - B	Aug-92	<1.0	74.5	< 0.01	0.10	181	<1.0	<0.005
W1109B	DOWN - B	Dec-92	1.1	96.5	0.03	0.08	197	<1.0	<0.005

Hydraulic position is the general position in the unit.

Table E - 8 (continued)

Groundwater Quality Parameters (mg/L) for the Unweathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW0405	UP	Jul-92	111	97.8	19.9	21.1	46.3	48.3	2.26	2.49	0.453	0.287	0.074	0.091
WNW0405	UP	Dec-92	109	108	19.3	19.3	30.0	30.9	2.34	2.37	0.818	0.374	0.032	0.036
WNW0704	UP	Aug-92	180	173	31.9	29.8	11.2	11.8	2.38	2.47	1.17	0.333	5.42	5.55
WNW0704	UP	Dec-92	171	190	25.4	26.3	6.60	8.60	2.24	2.43	0.170	<0.030	6.80	6.00
WNW0707	UP	Aug-92	62.2	61.8	11.1	11.4	5.12	5.37	1.60	1.45	3.60	0.021	0.104	0.045
WNW0707	UP	Dec-92	36.1	40.0	6.30	6.04	4.50	<4.80	1.41	1.03	2.16	0.110	0.043	<0.003
WNW0109	DOWN - B	Jul-92	78.0	84.6	21.9	20.0	18.1	18.3	3.65	1.41	12.4	<0.012	0.248	0.109
WNW0109	DOWN - B	Dec-92	69.8	79.5	16.5	17.1	16.4	19.9	1.71	1.57	1.61	0.030	0.030	<0.003
WNW0110	DOWN - B	Jul-92	62.8	76.9	20.1	22.6	20.0	21.4	1.61	1.78	<0.012	<0.012	0.021	0.024
WNW0110	DOWN - B	Dec-92	74.0	74.5	21.5	20.3	19.4	21.0	1.76	1.74	0.130	0.060	<0.003	<0.003
WNW0115	DOWN - B	Jul-92	63.0	54.5	13.7	11.6	16.0	17.3	2.96	1.90	10.6	0.703	0.198	0.068
WNW0115	DOWN - B	Dec-92	79.0	85.1	15.5	15.8	15.5	18.4	2.47	1.98	5.00	0.680	0.163	0.099
WNW0702	DOWN - B	Aug-92	139	156	33.9	33.0	37.5	38.0	2.74	3.82	4.72	0.322	0.138	0.065
WNW0702	DOWN - B	Dec-92	119	129	28.9	30.1	33.8	38.7	2.38	2.33	1.78	<0.030	0.050	0.018
WNW0703	DOWN - B	Aug-92	109	114	24.8	27.5	18.9	20.9	1.53	1.72	1.26	0.052	0.162	0.174
WNW0703	DOWN - B	Dec-92	111	135	23.4	26.0	18.4	22.4	1.79	1.98	1.34	0.060	0.069	0.054
WNW0705	DOWN - B	Aug-92	65.5	74.9	12.5	13.0	4.19	4.52	1.30	1.32	2.36	0.031	0.078	0.079
WNW0705	DOWN - B	Dec-92	58.4	79.8	9.19	10.8	4.20	5.60	1.38	1.12	3.00	0.070	0.067	0.032
WNW0904	DOWN - B	Jul-92	99.8	96.5	33.6	36.2	19.3	21.1	2.56	2.23	5.42	0.085	0.111	0.003
WNW0904	DOWN - B	Dec-92	98.0	107	30.9	33.6	21.1	24.4	2.20	2.05	2.92	0.169	0.054	0.006
WNW1101B	DOWN - B	Aug-92	106	95.0	39.2	39.1	30.3	28.6	3.40	3.50	0.086	<0.012	0.028	0.006
WNW1101B	DOWN - B	Dec-92	135	128	34.1	34.8	30.5	31.7	5.73	5.92	0.109	<0.020	0.008	<0.003
WNW1106B	DOWN - B	Aug-92	80.2	74.6	40.2	40.9	29.4	26.6	3.95	2.55	2.22	<0.012	0.110	0.076
WNW1106B	DOWN - B	Dec-92	109	94.5	37.2	36.8	25.8	25.6	2.58	2.22	1.26	<0.020	0.026	0.004
WNW1109B	DOWN - B	Aug-92	47.1	45.5	18.4	21.4	13.8	13.4	2.28	1.86	1.40	0.030	0.068	0.047
WNW1109B	DOWN - B	Dec-92	70.8	55.7	19.2	19.9	12.1	13.0	1.94	1.53	1.39	<0.020	0.076	0.058

Hydraulic position is the general position in the unit.

Table E - 8 (continued)

Groundwater Quality Parameters (mg/L) for the Unweathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
WNW0107	DOWN - C	Jul-92	6.7	334	0.02	<0.05	230	<1.0	<0.005
WNW0107	DOWN - C	Dec-92	<3.0	283	0.08	<0.05	232	<1.0	<0.005
WNW0108	DOWN - C	Jul-92	<1.0	164	0.32	<0.05	193	<1.0	<0.005
WNW0108	DOWN - C	Dec-92	<1.0	244	0.44	0.07	188	<1.0	<0.005
WNW0114	DOWN - C	Jul-92	12.3	83.0	0.18	<0.05	183	<1.0	<0.005
WNW0114	DOWN - C	Dec-92	10.1	157	0.20	<0.05	207	<1.0	<0.005
WNW0409	DOWN - C	Jul-92	1.8	72.5	0.06	0.06	124	<1.0	0.006
WNW0409	DOWN - C	Dec-92	<1.0	66.8	0.16	<0.05	143	<1.0	<0.005
WNW0910	DOWN - C	Jul-92							
WNW0910	DOWN - C	Dec-92	2.6	582	0.28	0.62	330	<1.0	<0.005
WNW1102B	DOWN - C	Aug-92	2.0	61.0	0.06	<0.05	266	<1.0	0.016
WNW1102B	DOWN - C	Dec-92	<1.0	62.8	0.14	<0.05	279	<1.0	<0.005
WNW1103B	DOWN - C	Aug-92	1.8	130	0.09	0.10	277	<1.0	0.006
WNW1103B	DOWN - C	Dec-92	<1.0	146	0.21	<0.05	304	<1.0	<0.005
WNW1104B	DOWN - C	Aug-92	1.2	129	0.27	0.07	220	<1.0	0.006
WNW1104B	DOWN - C	Dec-92	1.2	144	0.48	<0.05	243	<1.0	<0.005
WNW1105A	DOWN - C	Aug-92	<1.0	262	0.67	0.07	201	<1.0	0.007
WNW1105A	DOWN - C	Dec-92	<1.0	309	0.70	0.05	238	<1.0	<0.005
WNW1105B	DOWN - C	Aug-92	<1.0	372	1.4	<0.05	215	<1.0	0.007
WNW1105B	DOWN - C	Dec-92	1.4	394	1.3	<0.05	229	<1.0	<0.005
WNW1111A	DOWN - C	Aug-92	1.5	285	0.01	0.05	384	<1.0	<0.005
WNW1111A	DOWN - C	Dec-92	1.6	292	0.02	<0.05	402	<1.0	<0.005

Hydraulic position is the general position in the unit.

Well WNW0910 was incorporated into the groundwater program in late 1992.

Table E - 8 (concluded)

Groundwater Quality Parameters (mg/L) for the Unweathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW0107	DOWN - C	Jul-92	123	139	29.2	31.7	19.4	20.4	2.21	2.37	0.018	<0.012	0.051	0.056
WNW0107	DOWN - C	Dec-92	132	129	28.9	31.3	17.8	21.6	2.42	2.37	0.080	0.090	0.004	0.007
WNW0108	DOWN - C	Jul-92	106	100	28.8	32.2	23.4	25.1	1.84	2.32	0.465	<0.008	0.028	0.051
WNW0108	DOWN - C	Dec-92	99.1	103	26.1	27.9	19.4	22.8	1.88	2.01	0.470	0.050	0.076	0.070
WNW0114	DOWN - C	Jul-92	79.4	85.2	12.0	13.4	9.20	9.93	1.41	1.36	0.504	0.059	0.025	0.011
WNW0114	DOWN - C	Dec-92	98.6	102	15.1	15.9	11.0	13.9	1.67	1.66	0.735	0.070	0.016	<0.003
WNW0409	DOWN - C	Jul-92	35.9	40.4	9.90	9.26	20.4	21.3	7.06	7.41	4.49	<0.012	0.065	0.003
WNW0409	DOWN - C	Dec-92	42.3	45.2	9.14	9.73	22.7	24.9	7.20	7.99	1.16	0.023	0.020	<0.003
WNW0910	DOWN - C	Jul-92												
WNW0910	DOWN - C	Dec-92	151	157	75.9	85.6	31.2	37.7	13.5	16.5	8.66	2.44	0.328	0.338
WNW1102B	DOWN - C	Aug-92	63.0	60.5	32.3	34.4	15.2	14.9	1.72	1.90	0.242	<0.012	0.022	0.014
WNW1102B	DOWN - C	Dec-92	75.5	73.0	31.4	30.2	14.4	14.0	1.97	1.89	0.814	0.350	0.014	0.007
WNW1103B	DOWN - C	Aug-92	70.5	67.2	38.3	40.0	24.9	23.0	1.91	2.30	0.064	<0.012	0.055	0.057
WNW1103B	DOWN - C	Dec-92	92.0	79.5	32.8	31.4	24.5	24.1	2.05	1.95	0.229	0.020	0.012	<0.003
WNW1104B	DOWN - C	Aug-92	68.0	63.1	26.6	28.2	30.7	28.7	1.90	2.06	0.036	0.014	0.014	0.008
WNW1104B	DOWN - C	Dec-92	91.0	89.0	27.1	27.2	26.9	27.6	1.75	1.81	0.020	<0.020	0.006	0.006
WNW1105A	DOWN - C	Aug-92	118	113	29.3	33.5	24.9	24.8	2.49	2.45	0.424	0.068	0.105	0.098
WNW1105A	DOWN - C	Dec-92	145	122	27.4	29.0	25.0	27.0	2.30	2.51	0.198	0.020	0.102	0.112
WNW1105B	DOWN - C	Aug-92	145	141	39.5	44.2	40.2	36.8	3.29	3.12	0.318	0.029	0.030	0.017
WNW1105B	DOWN - C	Dec-92	148	150	33.1	35.6	35.6	38.8	2.99	3.09	0.192	<0.020	0.013	0.006
WNW1111A	DOWN - C	Aug-92	84.1	123	28.3	64.4	11.9	16.7	1.71	2.52	0.018	0.022	0.068	0.068
WNW1111A	DOWN - C	Dec-92	169	146	63.4	63.3	18.7	18.5	2.99	2.83	0.033	<0.020	0.060	0.052

Hydraulic position is the general position in the unit.

Well WNW0910 was incorporated into the groundwater program in late 1992.

Table E - 9
Groundwater Quality Parameters (mg/L) for the Lacustrine Unit

Location Code	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
WNW0901	UP	Jul-92	12.2	48.8	<0.010	0.59	179	<1.0	< 0.005
WNW0901	UP	Dec-92	10.5	14.8	<0.010	0.55	210	<1.0	< 0.005
WNW0902	UP	Jul-92	20.1	2.0	<0.010	0.52	189	<1.0	< 0.005
WNW0902	UP	Dec-92	20.6	3.2	<0.010	0.59	193	<1.0	< 0.006
WNW1001	UP	Jul-92	32.7	2.4	<0.010	0.60	160	<1.0	< 0.005
WNW1001	UP	Dec-92	33.1	9.7	<0.010	0.50	184	<1.0	< 0.005
WNW1008B	UP	Jul-92	37.8	<1.0	<0.010	0.39	148	<1.0	0.007
WNW1008B	UP	Dec-92	30.1	7.2	<0.010	0.34	167	<1.0	< 0.005
WNW0903	DOWN - B	Jul-92	<1.0	130	0.012	0.48	266	<1.0	< 0.005
WNW0903	DOWN - B	Dec-92	1.1	438	<0.010	0.58	286	<1.0	< 0.005
WNW1002	DOWN - B	Jul-92	<1.0	108	0.080	0.69	375	<1.0	< 0.005
WNW1002	DOWN - B	Dec-92	28.2	518	0.033	0.83	435	<1.0	< 0.005
WNW1003	DOWN - B	Jul-92	10.7	2.4	<0.010	0.50	205	<1.0	< 0.005
WNW1003	DOWN - B	Dec-92	11.0	9.3	<0.010	0.58	241	<1.0	< 0.005
WNW1004	DOWN - B	Jul-92	<1.0	17.5	<0.010	<0.05	222	<1.0	0.005
WNW1004	DOWN - B	Dec-92	2.0	16.8	<0.010	0.51	241	<1.0	< 0.005
WNW1101C	DOWN - B	Aug-92	1.5	73.5	0.073	0.10	174	<1.0	< 0.005
WNW1101C	DOWN - B	Dec-92	<1.0	101	0.030	0.05	204	<1.0	< 0.005
WNW1103C	DOWN - C	Aug-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1103C	DOWN - C	Dec-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1104C	DOWN - C	Aug-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1104C	DOWN - C	Dec-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW8610	DOWN - C	Jul-92	<1.0	116	0.020	0.27	271	<1.0	< 0.005
WNW8610	DOWN - C	Dec-92	1.1	250	<0.010	0.31	250	<1.0	< 0.005
WNW8611	DOWN - C	Jul-92	<1.0	210	0.10	0.06	389	<1.0	< 0.005
WNW8611	DOWN - C	Dec-92	1.1	316	0.060	0.07	265	<1.0	< 0.005

Hydraulic position is the general position in the geologic unit.

Table E - 9 (concluded)

Groundwater Quality Parameters (mg/L) for the Lacustrine Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW0901	UP	Jul-92	34.0	34.3	9.69	9.28	29.5	31.1	4.55	4.28	4.31	0.188	0.176	0.136
WNW0901	UP	Dec-92	30.6	29.8	9.13	9.40	27.0	30.6	4.36	4.39	1.02	0.104	0.108	0.105
WNW0902	UP	Jul-92	38.8	36.2	12.0	12.8	30.2	30.5	4.59	3.35	0.814	0.222	0.105	0.097
WNW0902	UP	Dec-92	40.9	41.2	13.8	14.0	31.5	32.1	2.63	2.71	0.693	0.391	0.087	0.084
WNW1001	UP	Jul-92	29.8	26.8	8.84	7.96	44.5	40.4	4.18	3.40	3.48	0.304	0.114	0.091
WNW1001	UP	Dec-92	35.4	28.0	9.84	7.72	40.7	44.4	3.59	2.82	9.32	0.110	0.170	0.056
WNW1008B	UP	Jul-92	30.2	26.2	8.10	7.88	32.7	23.7	3.42	2.98	1.29	0.106	0.122	0.140
WNW1008B	UP	Dec-92	33.4	33.9	8.63	8.57	34.6	41.0	3.25	3.05	1.39	0.586	0.112	0.102
WNW0903	DOWN - B	Jul-92	69.5	59.0	32.3	31.4	40.9	46.4	5.18	3.52	20.6	0.042	0.364	0.171
WNW0903	DOWN - B	Dec-92	129	77.6	63.6	36.1	43.2	46.3	9.66	3.67	99.1	<0.020	1.45	0.146
WNW1002	DOWN - B	Jul-92	93.2	100	44.3	45.7	37.9	30.2	2.61	2.85	0.791	0.264	0.090	0.086
WNW1002	DOWN - B	Dec-92	124	114	52.6	52.8	36.0	38.8	3.20	2.81	2.16	1.04	0.104	0.100
WNW1003	DOWN - B	Jul-92	28.6	22.9	9.32	7.49	61.2	58.9	2.67	2.62	2.52	0.125	0.199	0.172
WNW1003	DOWN - B	Dec-92	29.0	25.2	8.86	7.70	48.0	64.5	2.46	2.17	4.66	<0.020	0.186	0.114
WNW1004	DOWN - B	Jul-92	39.0	40.8	16.7	18.3	28.0	23.0	1.57	1.65	0.621	0.349	0.042	0.039
WNW1004	DOWN - B	Dec-92	38.1	36.6	16.4	16.7	25.4	28.2	1.50	1.30	1.51	0.384	0.046	0.030
WNW1101C	DOWN - B	Aug-92	50.2	46.8	12.4	11.1	29.0	28.9	4.54	3.90	4.25	0.039	0.160	0.051
WNW1101C	DOWN - B	Dec-92	65.0	66.5	11.9	10.9	26.8	27.7	4.85	3.93	3.66	0.028	0.131	0.034
WNW1103C	DOWN - C	Aug-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1103C	DOWN - C	Dec-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1104C	DOWN - C	Aug-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW1104C	DOWN - C	Dec-92	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WNW8610	DOWN - C	Jul-92	42.8	30.2	38.7	38.6	78.5	83.5	12.3	6.06	6.94	0.140	0.165	0.028
WNW8610	DOWN - C	Dec-92	44.4	32.9	36.1	36.0	64.5	71.3	4.82	4.73	11.0	0.318	0.241	0.032
WNW8611	DOWN - C	Jul-92	79.9	83.8	32.9	36.3	66.0	75.1	3.56	3.32	4.71	0.374	0.083	0.033
WNW8611	DOWN - C	Dec-92	76.0	84.7	33.5	34.9	64.6	75.7	3.57	3.53	8.26	0.070	0.141	0.006

Hydraulic position is the general position in the geologic unit.

Well WNW1003 was resampled in September 1992 for dissolved metals.

Table E - 10
Groundwater Quality Parameters (mg/L) for the Weathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
WNW0908	UP	Jul-92	4.3	1230	0.029	<0.05	312	<1.0	< 0.005
WNW0908	UP	Dec-92	xxxx	xxxx	Low Volume		xxxx	xxxx	xxxx
WNW1005	UP	Jul-92	1.3	91.0	<0.010	<0.05	369	<1.0	< 0.005
WNW1005	UP	Dec-92	<2.0	66.0	0.012	<0.05	404	<1.0	< 0.005
WNW1008C	UP	Jul-92	35.5	14.2	<0.010	0.06	206	<1.0	< 0.005
WNW1008C	UP	Dec-92	34.3	19.7	<0.010	0.05	232	<1.0	< 0.005
WNW0906	DOWN - B	Jul-92	11.9	140	0.82	0.06	233	<1.0	0.009
WNW0906	DOWN - B	Dec-92	10.2	234	0.26	<0.05	282	<1.0	< 0.005
WNW0907	DOWN - B	Jul-92	1.5	142	<0.010	<0.05	331	<1.0	< 0.005
WNW0907	DOWN - B	Dec-92	2.3	330	<0.010	<0.05	317	<1.0	< 0.005
WNW1006	DOWN - B	Jul-92	1.3	1083	<0.010	0.07	333	<1.0	0.005
WNW1006	DOWN - B	Dec-92	1.6	1320	0.020	0.05	343	<1.0	< 0.005
WNW1007	DOWN - B	Jul-92	2.3	670	0.092	<0.05	303	<1.0	< 0.005
WNW1007	DOWN - B	Dec-92	2.4	626	0.14	<0.05	323	<1.0	< 0.005
WNW1101A	DOWN - B	Aug-92	2.0	144	<0.010	<0.05	220	<1.0	< 0.005
WNW1101A	DOWN - B	Dec-92	1.2	150	0.18	<0.05	209	<1.0	< 0.005

Hydraulic position is the general position in the geologic unit.

Table E - 10 (continued)

Groundwater Quality Parameters (mg/L) for the Weathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW0908	UP	Jul-92	414	262	158	173	20.8	19.6	5.58	5.25	0.556	0.036	0.531	0.401
WNW0908	UP	Dec-92	555	499	148	106	21.3	15.7	6.28	4.49	0.314	0.020	0.523	0.166
WNW1005	UP	Jul-92	102	113	35.2	38.7	10.2	11.0	1.68	1.96	0.846	<0.012	0.072	0.081
WNW1005	UP	Dec-92	116	114	34.6	35.8	10.4	12.2	1.73	1.36	1.18	<0.020	0.023	<0.003
WNW1008C	UP	Jul-92	61.8	58.0	16.0	15.7	11.5	11.7	0.602	0.786	0.115	0.072	0.209	0.322
WNW1008C	UP	Dec-92	73.2	75.8	17.1	17.8	12.7	13.2	0.736	0.740	0.092	0.049	0.154	0.144
WNW0906	DOWN - B	Jul-92	82.9	84.5	28.7	29.1	19.5	22.7	2.30	2.40	1.88	<0.012	0.090	0.050
WNW0906	DOWN - B	Dec-92	67.2	72.0	25.1	25.2	22.2	24.1	2.12	2.13	1.22	0.111	0.018	<0.003
WNW0907	DOWN - B	Jul-92	105	109	38.5	40.9	9.23	9.88	2.00	2.32	0.095	<0.012	0.052	0.030
WNW0907	DOWN - B	Dec-92	103	108	40.4	40.4	10.2	10.4	2.10	2.15	<0.020	<0.020	0.102	0.104
WNW1006	DOWN - B	Jul-92	309	246	136	145	20.2	20.7	3.11	3.40	0.836	0.639	0.458	0.548
WNW1006	DOWN - B	Dec-92	348	331	130	129	19.7	21.2	3.69	3.64	0.331	0.115	0.187	0.124
WNW1007	DOWN - B	Jul-92	215	197	77.4	83.2	18.4	15.6	10.1	11.8	3.22	0.041	0.074	0.022
WNW1007	DOWN - B	Dec-92	204	212	71.3	72.4	18.9	20.0	13.9	15.4	1.12	0.026	0.032	0.004
WNW1101A	DOWN - B	Aug-92	122	75.0	62.4	29.1	18.3	11.4	2.63	1.89	0.096	0.019	0.110	0.052
WNW1101A	DOWN - B	Dec-92	98.0	81.5	24.3	25.0	12.5	12.9	1.83	1.90	0.024	<0.020	<0.003	<0.003

Hydraulic position is the general position in the geologic unit.

Table E - 10 (continued)
Groundwater Quality Parameters (mg/L) for the Weathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Chloride	Sulfate	Nitrate + Nitrite-N	Ammonia	Bicarbonate Alkalinity (as mgCaCO ₃ /L)	Carbonate Alkalinity (as mgCaCO ₃ /L)	Phenols
WNW1106A	DOWN - B	Aug-92	4.5	125	<0.010	0.10	268	<1.0	< 0.005
WNW1106A	DOWN - B	Dec-92	3.2	150	0.026	0.11	306	<1.0	< 0.005
WNW1108A	DOWN - B	Aug-92	2.0	845	0.011	<0.05	294	<1.0	0.008
WNW1108A	DOWN - B	Dec-92	xxxx	xxxx	Low Volume		xxxx	xxxx	xxxx
WNW1109A	DOWN - B	Aug-92	<1.0	197	0.12	<0.05	222	<1.0	< 0.005
WNW1109A	DOWN - B	Dec-92	<1.0	214	0.13	<0.05	225	<1.0	< 0.005
WNW0909	DOWN - C	Jun-92	<1.0	370	N/A	0.40	392	<10.0	<0.005
WNW0909	DOWN - C	Jul-92	17.7	165	< 0.01	0.17	593	<1.0	0.006
WNW0909	DOWN - C	Dec-92	18.3	198	< 0.01	0.38	431	<1.0	<0.005
WNW1102A	DOWN - C	Aug-92	2.0	221	0.011	<0.05	243	<1.0	0.005
WNW1102A	DOWN - C	Dec-92	<1.0	280	0.082	<0.05	243	<1.0	< 0.005
WNW1103A	DOWN - C	Aug-92	2.1	376	<0.010	<0.05	290	<1.0	0.005
WNW1103A	DOWN - C	Dec-92	1.4	361	0.014	<0.05	295	<1.0	< 0.005
WNW1104A	DOWN - C	Aug-92	3.0	110	0.054	<0.05	215	<1.0	< 0.005
WNW1104A	DOWN - C	Dec-92	2.7	117	0.10	<0.05	236	<1.0	< 0.005
WNW1107A	DOWN - C	Aug-92	8.9	271	0.021	0.13	464	<1.0	0.006
WNW1107A	DOWN - C	Dec-92	22.9	248	0.031	0.36	547	<1.0	< 0.005
WNW1110A	DOWN - C	Aug-92	1.4	636	0.065	<0.05	405	<1.0	0.005
WNW1110A	DOWN - C	Dec-92	5.0	656	0.11	0.05	420	<1.0	< 0.005

Hydraulic position is the general position in the geologic unit.

Well WNW0909 was incorporated into the groundwater program in mid-1992.

N/A - Not available.

Table E - 10 (concluded)
Groundwater Quality Parameters (mg/L) for the Weathered Lavery Till Unit

Location Code	Hydraulic Position	Date	Calcium		Magnesium		Sodium		Potassium		Iron		Manganese	
			Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
WNW1106A	DOWN - B	Aug-92	84.2	80.8	36.3	39.0	12.4	12.1	2.36	2.72	0.038	<0.012	0.306	0.306
WNW1106A	DOWN - B	Dec-92	105	112	37.9	39.1	11.5	12.1	2.75	2.84	0.060	<0.020	0.070	0.076
WNW1108A	DOWN - B	Aug-92	223	221	92.9	93.6	23.7	22.3	5.12	4.15	0.894	0.058	0.086	0.031
WNW1108A	DOWN - B	Dec-92	227	224	76.0	80.4	19.6	20.4	4.45	4.16	1.11	0.207	0.117	0.276
WNW1109A	DOWN - B	Aug-92	97.2	91.2	28.6	33.8	11.7	10.8	2.25	2.69	0.084	<0.012	0.009	0.006
WNW1109A	DOWN - B	Dec-92	124	116	27.6	29.4	10.5	11.2	2.33	2.55	0.024	<0.020	0.060	0.054
WNW0909	DOWN - C	Jun-92	168	158	70.3	73.1	11.8	20.2	5.62	5.42	8.44	2.84	0.634	0.636
WNW0909	DOWN - C	Jul-92	198	198	52.6	52.6	10.0	9.95	1.93	2.46	4.69	3.92	5.14	7.53
WNW0909	DOWN - C	Dec-92	149	152	32.6	33.3	15.2	16.1	2.32	2.25	4.13	2.94	3.01	3.07
WNW1102A	DOWN - C	Aug-92	100	100	41.9	42.3	10.7	9.90	2.47	2.67	0.074	0.018	0.076	0.066
WNW1102A	DOWN - C	Dec-92	120	111	39.3	38.0	8.66	8.62	2.59	2.49	0.120	<0.020	0.008	<0.003
WNW1103A	DOWN - C	Aug-92	143	134	59.5	60.3	15.8	13.6	2.68	2.62	0.220	<0.012	0.261	0.147
WNW1103A	DOWN - C	Dec-92	154	143	53.2	50.4	13.2	12.8	3.01	2.60	0.943	<0.020	0.030	0.004
WNW1104A	DOWN - C	Aug-92	70.1	63.9	25.1	25.5	10.8	10.0	1.74	1.92	0.101	<0.012	0.044	0.039
WNW1104A	DOWN - C	Dec-92	95.0	89.0	24.3	24.6	9.15	9.21	1.80	1.87	0.038	<0.020	0.008	0.007
WNW1107A	DOWN - C	Aug-92	154	148	66.8	70.8	11.2	9.78	2.18	2.46	34.8	39.5	4.83	5.24
WNW1107A	DOWN - C	Dec-92	207	178	65.2	64.8	9.96	10.0	2.43	2.44	0.357	<0.020	8.34	8.42
WNW1110A	DOWN - C	Aug-92	175	174	116	119	29.7	27.4	4.42	4.42	0.211	0.055	0.052	0.100
WNW1110A	DOWN - C	Dec-92	210	210	115	109	28.4	26.8	4.55	4.40	0.260	<0.020	0.028	0.006

Hydraulic position is the general position in the geologic unit.

Well WNW0909 was incorporated into the groundwater program in mid-1992.

Table E - 11
Typical Practical Quantitation Limits (PQL)
for Appendix IX Volatile Organic Compounds ($\mu\text{g/L}$)

COMPOUND	PQL	COMPOUND	PQL
Acetone	10	2-Hexanone	10
Acetonitrile	1000	Isobutanol	100
Acrolein	5	Methacrylonitrile	5
Acrylonitrile	5	2-Butanone	10
Allyl chloride	100	Methylene bromide	5
Benzene	5	Methylene chloride	5
Bromomethane	10	Methyl iodide	5
Bromodichloromethane	5	Methyl methacrylate	5
Bromoform	5	4-Methyl-2-pentanone	10
cis-1,3-Dichloropropene	5	2-Picoline	1000
Carbon tetrachloride	5	Pentachloroethane	5
Chlorobenzene	5	Propionitrile	5
Chloroethane	10	Pyridine	30
Chloroform	5	Styrene	5
Chloromethane	10	trans-1,3-Dichloropropene	5
Chloroprene	5	trans-1,4-Dichloro-2-butene	5
Carbon disulfide	5	1,1,1-Trichloroethane	5
Dibromochloromethane	5	1,1,1,2-Tetrachloroethane	5
1,2-Dibromo-3-chloropropane	5	1,1,2-Trichloroethane	5
1,2-Dibromoethane	5	1,1,2,2-Tetrachloroethane	5
1,1-Dichloroethane	5	Trichlorofluoromethane	5
1,2-Dichloroethane	5	1,2,3-Trichloropropane	5
Dichlorodifluoromethane	5	Tetrachloroethene	5
1,1-Dichloroethene	5	Toluene	5
1,2-Dichloroethene (Total)	5	Trichloroethene	5
1,2-Dichloropropane	5	Vinyl acetate	5
1,4-Dioxane	150	Vinyl chloride	10
Ethylbenzene	5	Xylene (M&P)	5
Ethyl methacrylate	5	Xylene (O)	5

Table E - 12**1,1,1-Trichloroethane (1,1,1-TCA) , 1,1-Dichloroethane (1,1-DCA), and
Dichlorodifluoromethane (DCDFMethane) for
Selected Groundwater Monitoring Locations**

Location Code	Sample Date	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	DCDFmethane (µg/L)
WNGSEEP	01/15/92	5.5	<5.0	<5.0
	02/26/92	<5.0	<5.0	<5.0
	04/06/92	<5.0	<5.0	<5.0
	08/10/92	<5.0*	<5.0	<5.0
	09/09/92	<5.0*	<5.0	<5.0
	10/20/92	<5.0*	<5.0	<5.0
	11/19/92	<5.0*	<5.0	<5.0
	12/17/92	<5.0*	<5.0	<5.0
WNW8609	01/15/92	<5.0	6.8	<5.0
	02/24/92	<5.0	<5.0	<5.0
	04/06/92	<5.0	<5.0	<5.0
	07/17/92	<5.0*	5.0	<5.0
	08/26/92	<5.0	5.0	<5.0
	10/06/92	<5.0	6.0	<5.0
	11/04/92	<5.0*	<5.0*	<5.0
	12/09/92	<5.0*	<5.0*	<5.0
WNW8612	01/15/92	<5.0	18	<5.0
	02/26/92	<5.0	18	<5.0*
	04/06/92	<5.0	8.4	<5.0
	08/10/92	<5.0*	26	7.0
	09/09/92	<5.0*	34	9.5
	10/20/92	<5.0*	32	11
	11/19/92	<5.0*	30	12
	2/17/92 †	<5.0*	34	7
WNW0803	01/15/92	<5.0	<5.0*	<5.0
	02/26/92	<5.0	<5.0	<5.0
	04/06/92	<5.0	<5.0	<5.0
	08/10/92	<5.0	<5.0*	18
	09/09/92	<5.0	<5.0*	14
	10/20/92	<5.0	<5.0*	14
	11/19/92	<5.0	<5.0*	16
	12/17/92	<5.0	<5.0*	38

* Compound was detected below practical quantitation limit (PQL).

Table E - 13
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5×10^{-9} µCi/mL
WNW0301 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	2.4	>100	7.30 ±2.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	2.9	>100	5.40 ±2.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.5	747	1.02 ±0.24E-08
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.3	637	6.83 ±1.64E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	2.5	NA	7.43 ±2.24E-09
WNW0401 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	<0.10	5.4	>100	7.00 ±2.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	<0.10	7.4	74	2.00 ±1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	8.0	12	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	6.2	10	<8.21E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<7.4	<1.2	<0.10	6.7	NA	2.07 ±1.41E-09
WNW0403 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	12.0	>100	6.70 ±2.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	17.0	>100	8.00 ±2.50E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	15.0	17	1.20 ±1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	14.0	308	1.81 ±0.80E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	14.5	NA	4.43 ±1.73E-09
WNWNB1S (UP)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	5.0	0.44	1.10 ±0.70E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	9.5	25	<9.40E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	16.0	20	<1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	7.3	11	<5.62E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	<0.10	9.4	14	<8.26E-10
WNW0201 (DOWN - B)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.47	1.4	<1.22E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	1.6	3.7	1.70 ±1.10E-09
Jul-92	<0.053	<0.10	<0.53	<1.0	<11	<2.2	<0.10	<0.010	3.2	<1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.3	2.5	<5.22E-10
Mean:	<0.038	<0.08	<0.46	<1.0	<6.3	<1.2	<0.10	1.1	2.7	<9.86E-10
WNW0706 (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	2.2	72	6.50 ±2.20E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.2	65	3.60 ±1.60E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.33	36	2.10 ±1.00E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.23	31	6.17 ±1.00E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	<0.10	0.99	51	4.59 ±1.45E-09

ND - A standard defined by "ND" means not detectable by the analytical method.
 NA - Not applicable.
 Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)

Drinking Water Quality Parameters for the Sand and Gravel Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0301 (UP)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.220	0.150	0.720	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mar-92	0.0047	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.200	0.110	0.240	0.0096	0.017	<0.0020	<0.0020	<0.0020
Jul-92	0.032	<0.0012	0.0006	<0.00005	<0.00020	<0.00020	0.0005	<0.00008	0.483	0.120	0.638	0.0060	0.044	0.0010	<0.0012	<0.0012
Dec-92	0.029	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.444	0.126	0.112	<0.0050	0.12	0.0040	<0.0020	<0.0020
Mean:	0.017	<0.0018	0.0029	<0.0028	<0.00020	<0.00020	0.0018	<0.0016	0.337	0.126	0.43	0.0064	0.047	0.0022	<0.0018	<0.0018
WNW0401 (UP)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.150	0.110	0.270	<0.0050	0.013	<0.0020	<0.0020	<0.0020
Mar-92	0.0026	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.245	0.205	0.260	0.0087	0.006	<0.0020	<0.0020	<0.0020
Jul-92	0.0025	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.218	0.203	0.645	0.018	0.007	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.159	0.150	0.140	<0.0050	0.005	0.0140	<0.0020	<0.0020
Mean:	0.0023	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.193	0.167	0.33	0.0092	0.0077	0.0047	<0.0018	<0.0018
WNW0403 (UP)																
Nov-91	0.0036	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.210	0.082	0.064	<0.0050	0.018	<0.0020	<0.0020	<0.0020
Mar-92	0.0063	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.290	0.110	0.940	0.010	0.028	<0.0020	<0.0020	<0.0020
Jul-92	0.0065	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	0.0002	<0.00008	0.246	0.229	4.02	0.188	0.017	0.0010	<0.0012	<0.0012
Dec-92	0.011	<0.0020	<0.0030	<0.0030	0.00040	<0.00020	<0.0005	<0.0005	0.238	0.146	0.642	0.0080	0.020	0.0070	<0.0020	<0.0020
Mean:	0.0068	<0.0018	<0.0030	<0.0030	0.00025	<0.00020	0.0017	<0.0016	0.246	0.142	1.4	0.053	0.021	0.0030	<0.0018	<0.0018
WNWNB1S (UP)																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.090	0.195	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.090	0.086	0.015	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.096	0.102	0.0040	<0.0025	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0002	<0.0002	<0.00020	<0.00020	<0.0005	<0.0005	0.090	0.081	0.160	0.0060	0.003	0.0030	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0024	<0.0024	<0.00020	<0.00020	<0.0022	<0.0022	0.0990	0.0898	0.094	0.0046	0.0032	0.0019	<0.0018	<0.0018
WNW0201 (DOWN - B)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.120	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.220	0.220	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.148	0.170	0.0032	0.0025	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.148	0.151	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.164	0.165	0.0046	0.0044	0.0018	<0.0017	<0.0018	<0.0018
WNW0706 (DOWN - B)																
Dec-91	0.0053	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.200	0.093	0.023	<0.0050	0.018	<0.0020	<0.0020	<0.0020
Mar-92	0.0076	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.180	0.090	0.019	<0.0050	0.017	0.0032	<0.0020	<0.0020
Aug-92	0.0070	<0.0012	0.0046	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.190	0.126	0.014	0.0042	0.018	<0.00075	<0.0012	<0.0012
Dec-92	0.0080	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.232	0.136	0.017	<0.0050	0.044	<0.0020	<0.0020	<0.0020
Mean:	0.0070	<0.0018	0.0039	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.200	0.111	0.018	0.0048	0.024	0.0020	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNW8613A (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	2.6	>100	3.50 ± 1.30E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	1.7	450	3.60 ± 1.50E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.0	38	1.50 ± 0.70E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.5	14	1.49 ± 0.52E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	<0.10	2.0	NA	2.52 ± 1.00E-09
WNW8613B (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	5.6	>100	7.20 ± 1.90E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	2.2	192	5.60 ± 1.80E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	3.3	285	3.50 ± 0.90E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.1	630	5.59 ± 1.53E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	<0.10	3.3	NA	5.47 ± 1.53E-09
WNW8613C (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	5.8	>100	1.70 ± 0.30E-08
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	1.7	280	1.20 ± 0.30E-08
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	2.9	128	<5.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.11	2.2	468	1.66 ± 0.54E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	0.11	3.2	NA	7.69 ± 1.76E-09
WNW008 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	0.13	0.23	<1.12E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.39	0.14	<1.04E-09
Jun-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.16 *	0.25	<8.40E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	0.18	0.20	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.10	0.28	0.87	<4.61E-10
Mean:	<0.040	<0.08	<0.46	<1.0	<7.0	<1.3	0.10	0.23	0.34	<8.72E-10
WNW0103 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	1.54	3.8	N/A	<6.37E-08
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	0.34	1.3	N/A	<2.32E-09
Aug-92	<0.050	<0.10	<0.50	<5.3	<10	<2.0	0.43	0.24	N/A	<8.00E-09
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<0.20	<0.050	N/A	2.08 ± 1.56E-09
Mean:	<0.050	<0.10	<0.50	<3.8	<7.8	<1.5	0.63	1.3	N/A	<1.89E-08
WNW0104 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	1.3	N/A	9.70 ± 2.30E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	1.3	N/A	8.80 ± 6.00E-10
Aug-92	<0.050	<0.10	<0.50	<5.1	<10	<2.0	<0.20	4.4	N/A	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<0.20	1.3	N/A	3.03 ± 0.97E-09
Mean:	<0.050	<0.10	<0.50	<3.7	<7.8	<1.5	<0.15	2.1	N/A	3.48 ± 1.12E-09

* Nitrate-N only.

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)

Drinking Water Quality Parameters for the Sand and Gravel Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW8613A (DOWN - B)																
Dec-91	0.0035	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.270	0.160	0.320	0.0088	0.024	0.0020	<0.0020	<0.0020
Mar-92	0.0089	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.380	0.120	0.970	<0.0050	0.031	0.0049	<0.0020	<0.0020
Aug-92	0.0040	<0.0012	0.0024	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.156	0.158	0.260	0.0045	0.007	<0.00075	<0.0012	<0.0012
Dec-92	0.0050	<0.0020	0.0002	<0.0002	<0.00020	<0.00020	<0.0005	<0.0005	0.170	0.132	0.088	<0.0050	0.014	0.0020	<0.0020	<0.0020
Mean:	0.0054	<0.0018	0.0026	<0.0024	<0.00020	<0.00020	<0.0016	<0.0016	0.244	0.142	0.41	0.0058	0.019	0.0024	<0.0018	<0.0018
WNW8613B (DOWN - B)																
Dec-91	0.0090	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.370	0.220	2.45	0.012	0.037	<0.0020	<0.010	<0.0020
Mar-92	0.014	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.340	0.290	5.70	0.240	0.041	<0.0020	<0.0020	<0.0020
Aug-92	0.0085	<0.0012	0.0091	0.0030	<0.00020	<0.00020	<0.00008	<0.00008	0.192	0.150	1.50	0.124	0.016	<0.00075	<0.0012	<0.0012
Dec-92	0.014	<0.0020	0.0003	<0.0002	<0.00020	<0.00020	0.0006	<0.0005	0.240	0.114	1.21	0.0080	0.030	0.0020	<0.0020	<0.0020
Mean:	0.011	<0.0018	0.0044	0.0028	<0.00020	<0.00020	0.0017	<0.0016	0.286	0.194	2.7	0.096	0.031	0.0017	<0.0038	<0.0018
WNW8613C (DOWN - B)																
Dec-91	0.0076	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.320	0.110	0.210	<0.0050	0.048	<0.0020	<0.0020	<0.0020
Mar-92	0.0045	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.190	0.095	0.140	<0.0050	0.016	<0.0020	<0.0020	<0.0020
Aug-92	0.0098	<0.0012	0.0062	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.180	0.127	0.046	0.0052	0.016	<0.00075	<0.0012	<0.0012
Dec-92	0.010	<0.0020	0.0003	<0.0002	0.00020	<0.00020	<0.0005	<0.0005	0.160	0.086	0.025	<0.0050	0.027	<0.0020	<0.0020	<0.0020
Mean:	0.0080	<0.0018	0.0036	<0.0024	0.00020	<0.00020	<0.0016	<0.0016	0.212	0.104	0.11	0.0050	0.027	<0.0017	<0.0018	<0.0018
WNW008 (DOWN - C)																
Dec-91	0.0026	0.0024	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.056	0.060	<0.0050	<0.0050	<0.0020	0.0021	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.070	0.074	0.0052	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jun-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.088	0.090	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.073	0.074	0.0030	0.0030	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.084	0.088	<0.0050	<0.0050	0.007	0.0030	<0.0020	<0.0020
Mean:	0.0020	0.0019	<0.0032	<0.0032	<0.00020	<0.00020	<0.0024	<0.0024	0.0743	0.0773	0.0046	0.0046	0.0028	0.0020	<0.0018	<0.0018
WNW0103 (DOWN - C)																
Dec-91	0.42	0.44	<0.0010	<0.0010	0.00084	0.00060	<0.0050	<0.0050	0.200	0.184	0.056	0.057	0.12	0.106	<0.030	<0.030
Mar-92	0.062	0.046	<0.0040	<0.0040	<0.00020	0.00020	<0.0050	0.0081	0.064	<0.050	0.025	0.0056	0.059	<0.0050	<0.0050	<0.0050
Aug-92	0.074	0.070	0.0014	0.0015	0.00010	0.00007	<0.0045	<0.0045	0.037	0.023	0.020	0.0075	0.042	0.0124	<0.0020	<0.0020
Dec-92	0.034	0.027	<0.0030	<0.0030	0.00012	<0.00010	<0.0030	<0.0030	0.044	0.034	0.0068	0.0033	0.012	<0.0010	<0.0010	<0.0010
Mean:	0.15	0.14	0.0024	0.0024	0.00031	0.00024	<0.0044	0.00515	0.0859	0.0728	0.027	0.018	0.057	0.031	<0.0095	<0.0095
WNW0104 (DOWN - C)																
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.171	0.162	0.0090	0.0050	0.013	0.0164	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.173	0.150	0.0064	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Aug-92	<0.0020	<0.0020	<0.0010	<0.0010	<0.00003	<0.00003	<0.0040	<0.0040	0.181	0.171	0.0057	<0.0020	0.004	<0.0010	<0.0020	<0.0020
Dec-92	0.0013	0.0010	<0.0030	<0.0030	<0.00010	<0.00010	<0.0030	<0.0030	0.160	0.149	0.017	<0.0030	0.002	0.0013	0.0012	<0.0010
Mean:	0.0051	0.0050	<0.0022	<0.0022	<0.00013	<0.00013	<0.0042	<0.0042	0.171	0.158	0.0094	0.0038	0.0061	0.0059	0.0096	<0.0095

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNW0111 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	5.7	N/A	8.70 ±7.50E-10
Mar-92	<0.050	<0.10	<0.50	<2.5	<10	<2.0	0.95	<0.050	N/A	1.10 ±0.70E-09
Aug-92	<0.050	<0.10	<0.50	<5.3	<10	<2.0	<0.20	0.26	N/A	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<0.20	0.14	N/A	<1.60E-09
Mean:	<0.050	<0.10	<0.50	<3.8	<7.8	<1.5	0.36	1.5	N/A	9.18 ±9.12E-10
WNW0203 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	1.1	9.3	2.40 ±1.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	2.8	46	2.20 ±1.30E-09
Jul-92	<0.051	<0.10	<0.51	<1.0	<10	<2.0	<0.10	0.71	25	<1.30E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.0	31	<5.18E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	1.7	28	1.46 ±1.18E-09
WNW0205 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<6.0	<0.6	<0.10	0.14	3.6	2.30 ±1.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	1.2	4.9	1.80 ±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.92	4.7	1.50 ±1.30E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.79	27	<5.30E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<7.0	<1.2	<0.10	0.76	10	1.35 ±1.13E-09
WNW0305 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<10	<1.0	0.13	0.12	64	<1.40E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.094	>100	7.60 ±2.80E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.13	0.091	126	1.10 ±0.90E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.15	0.13	6.1	<4.09E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<7.8	<1.3	0.13	0.11	NA	2.30 ±1.38E-09
WNW0307 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	0.13	0.31	37	<1.34E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.58	34	1.20 ±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.16	0.90	75	<1.50E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.75	14	<9.76E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<7.5	<1.3	0.12	0.64	40	<1.23E-09
WNW0406 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	3.9	>100	6.00 ±2.40E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	3.7	76	3.20 ±2.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.4	40	<1.00E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.88	17	<4.07E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	2.7	NA	2.28 ±1.50E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)

Drinking Water Quality Parameters for the Sand and Gravel Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0111 (DOWN - C)																
Aug-91	<0.014	N/A	<0.0010	N/A	<0.00020	N/A	<0.0040	N/A	0.084	N/A	<0.0030	N/A	0.024	N/A	<0.023	N/A
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.133	0.128	0.0040	0.0050	<0.0120	<0.0120	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.094	0.086	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Aug-92	<0.0020	<0.0020	<0.0010	0.0020	<0.00003	<0.00003	<0.0040	<0.0040	0.104	0.107	0.0047	<0.0020	<0.0010	0.0034	<0.0020	<0.0020
Dec-92	0.0016	<0.0010	<0.0030	<0.0030	0.0023	<0.0010	<0.0030	<0.0030	0.065	0.061	0.0051	<0.0030	0.002	<0.0010	0.0010	<0.0010
Mean:	0.0069	<0.0050	<0.0020	0.0025	0.00059	<0.00036	<0.0042	<0.0042	0.0961	0.0954	0.0044	0.0038	0.0089	0.0054	0.012	<0.0095
WNW0203 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.290	0.310	0.013	0.027	<0.0020	0.0028	<0.0020	<0.0020
Mar-92	0.0021	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.200	0.190	0.170	0.0086	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0018	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.207	0.213	0.070	0.0080	0.004	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.172	0.170	0.089	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0020	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.217	0.221	0.085	0.012	0.0024	0.0019	<0.0018	<0.0018
WNW0205 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.150	0.150	0.0098	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.160	0.099	0.047	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.404	0.436	0.402	0.010	0.002	0.0025	<0.0012	<0.0025
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.041	0.040	0.026	<0.0050	0.003	0.0030	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.184	0.196	0.13	0.017	0.0022	0.0024	<0.0018	<0.0021
WNW0305 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.098	0.087	0.010	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Mar-92	0.0058	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.160	0.079	0.043	<0.0050	0.017	<0.0020	<0.0020	<0.0020
Jul-92	0.0028	<0.0012	0.0006	0.0006	<0.00020	<0.00020	<0.00008	<0.00008	0.127	0.115	0.132	0.0025	0.006	0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	0.0005	0.0006	<0.00020	<0.00020	<0.0005	<0.0005	0.100	0.097	0.0060	<0.0050	0.002	0.0040	<0.0020	<0.0020
Mean:	0.0032	<0.0018	0.0023	0.0023	<0.00020	<0.00020	<0.0016	<0.0016	0.121	0.0945	0.048	0.0044	0.0081	0.0022	<0.0018	<0.0018
WNW0307 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.076	<0.050	0.140	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.086	0.062	0.220	0.0067	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0032	<0.0012	0.0004	0.0002	<0.00020	<0.00020	<0.00008	<0.00008	0.185	0.125	2.10	0.0040	0.005	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	0.0003	0.0003	<0.00020	<0.00020	<0.0005	<0.0005	0.120	0.111	0.021	<0.0050	<0.0020	0.0020	<0.0020	<0.0020
Mean:	0.0023	<0.0018	0.0022	0.0021	<0.00020	<0.00020	<0.0016	<0.0016	0.117	0.0870	0.62	0.0052	0.0040	0.0017	<0.0018	<0.0018
WNW0406 (DOWN - C)																
Nov-91	0.0042	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.180	0.110	0.017	<0.0050	0.017	<0.0020	<0.0020	<0.0020
Mar-92	0.0026	0.0021	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.100	0.012	<0.0050	0.014	<0.0020	<0.0020	<0.0020
Jul-92	0.0030	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	0.0002	0.0008	0.123	0.105	0.0065	<0.0025	0.65	0.0048	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	0.00020	<0.00020	<0.0005	0.0006	0.100	0.091	0.0050	<0.0050	0.006	0.0060	<0.0020	<0.0020
Mean:	0.0030	0.0018	<0.0030	<0.0030	0.00020	<0.00020	0.0017	0.00184	0.136	0.102	0.010	<0.0044	0.17	0.0037	<0.0018	<0.0018

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5×10^{-9} µCi/mL
WNW0408 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	0.15	N/A	4.50 ±1.50E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	0.47	N/A	1.90 ±1.10E-09
Aug-92	<0.050	<0.10	<0.50	<5.1	<10	<2.0	<0.20	0.16	N/A	<1.60E-09
Dec-92	NA	NA	NA	NA	<1.0	0.2	<0.20	0.75	N/A	<1.38E-09
Mean:	<0.050	<0.10	<0.50	<3.3	<7.8	<1.6	<0.15	0.38	N/A	2.19 ±1.40E-09
WNW0501 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	2.3	N/A	2.30 ±1.10E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	3.9	N/A	<5.90E-10
Aug-92	<0.050	<0.10	<0.50	<5.0	<10	<2.0	<0.20	0.13	N/A	<1.40E-09
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<0.20	3.5	N/A	<1.90E-09
Mean:	<0.050	<0.10	<0.50	<3.7	<7.8	<1.5	<0.15	2.5	N/A	1.38 ±1.25E-09
WNW0502 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	4.8	N/A	1.30 ±0.80E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	4.7	N/A	<7.00E-10
Aug-92	<0.050	<0.10	<0.50	<4.9	<10	<2.0	<0.20	1.4	N/A	<1.60E-09
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<0.20	4.6	N/A	<1.50E-09
Mean:	<0.050	<0.10	<0.50	<3.7	<7.8	<1.6	<0.15	3.9	N/A	<1.15E-09
WNW0602 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	0.067	87	3.10 ±1.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.32	35	4.60 ±3.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	2.8	1.20 ±0.90E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.013	24	1.41 ±0.66E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.3	<1.1	<0.10	0.10	37	2.58 ±1.64E-09
WNW0603 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<6.0	<0.6	<0.10	0.16	4.5	<1.34E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.8	21	1.70 ±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.7	2.6	<1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.57	55	7.85 ±5.86E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.8	<1.2	<0.10	1.3	21	<1.06E-09
WNW0604 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.11	<0.050	1.1	6.20 ±2.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.7	<0.2	<0.10	<0.050	3.7	<7.95E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.11	0.010	2.1	<1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.040	4.6	<6.80E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.4	<1.1	0.11	0.038	2.9	1.66 ±1.29E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)

Drinking Water Quality Parameters for the Sand and Gravel Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0408 (DOWN - C)																
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.241	0.195	0.127	0.0030	0.007	<0.0120	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.228	0.178	0.143	<0.0050	0.007	0.0088	<0.0050	<0.0050
Aug-92	<0.0020	<0.0020	<0.0010	<0.0010	<0.00003	<0.00003	<0.0040	<0.0040	0.271	0.256	0.035	<0.0020	0.003	0.0114	<0.0020	<0.0020
Dec-92	0.0028	<0.0010	<0.0030	<0.0030	<0.0010	<0.00010	<0.0030	<0.0030	0.239	0.198	0.116	0.0050	0.004	0.0011	<0.0010	<0.0010
Mean:	0.0054	<0.0050	<0.0022	<0.0022	<0.00036	<0.00013	<0.0042	<0.0042	0.245	0.207	0.11	0.0038	0.0053	0.0083	<0.0095	<0.0095
WNW0501 (DOWN - C)																
Aug-91	<0.014	N/A	<0.0010	N/A	<0.00020	N/A	<0.0040	N/A	0.308	N/A	0.035	N/A	0.10	N/A	<0.023	N/A
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.260	0.213	0.019	0.0030	0.007	0.0090	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.234	0.195	0.014	<0.0050	0.006	<0.0050	<0.0050	<0.0050
Aug-92	0.0054	<0.0020	0.0014	0.0012	<0.00003	<0.00003	<0.0040	<0.0040	0.287	0.238	0.023	0.0033	0.006	0.0013	<0.0020	<0.0020
Dec-92	0.0015	<0.0010	<0.0030	<0.0030	<0.00010	<0.00010	<0.0030	<0.0030	0.206	0.182	0.010	<0.0030	0.005	0.0016	<0.0010	<0.0010
Mean:	0.0076	<0.0050	0.0021	0.0023	<0.00015	<0.00013	<0.0042	<0.0042	0.259	0.207	0.020	0.0036	0.025	0.0042	<0.012	<0.0095
WNW0502 (DOWN - C)																
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.252	0.212	0.311	0.0080	0.011	0.0070	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.213	0.200	0.047	<0.0050	0.008	<0.0050	<0.0050	<0.0050
Aug-92	<0.0020	<0.0020	0.0014	0.0015	<0.00003	<0.00003	<0.0040	<0.0040	0.270	0.260	0.191	0.010	0.004	0.0048	<0.0020	<0.0020
Dec-92	0.0024	<0.0010	<0.0030	<0.0030	<0.00010	<0.00010	<0.0030	<0.0030	0.217	0.202	0.260	0.0037	0.002	<0.0010	<0.0010	<0.0010
Mean:	0.0054	<0.0050	0.0024	0.0024	<0.00013	<0.00013	<0.0042	<0.0042	0.238	0.218	0.20	0.0067	0.0062	0.0044	<0.0095	<0.0095
WNW0602 (DOWN - C)																
Nov-91	0.0034	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.086	0.021	<0.0050	0.015	<0.0020	<0.0020	<0.0020
Mar-92	0.0031	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.110	0.010	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Jul-92	0.0030	<0.0012	0.0002	0.0001	<0.00020	<0.00020	0.0004	<0.00008	0.128	0.102	0.129	0.0060	0.006	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.104	0.085	0.025	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Mean:	0.0034	<0.0018	0.0028	0.0028	<0.00020	<0.00020	0.0017	<0.0016	0.136	0.0958	0.046	0.0052	0.0082	<0.0017	<0.0018	<0.0018
WNW0603 (DOWN - C)																
Nov-91	0.0041	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.150	0.150	0.011	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.076	<0.050	0.014	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.092	0.100	0.0058	0.0045	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.078	0.067	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	0.0023	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.0990	0.0918	0.0090	0.0049	0.0029	<0.0017	<0.0018	<0.0018
WNW0604 (DOWN - C)																
Nov-91	0.0035	0.0032	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	0.0033	0.085	0.083	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0028	0.0034	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.065	0.062	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0040	0.0035	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.064	0.064	<0.0025	<0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	0.0050	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.069	0.070	0.0060	<0.0050	0.015	0.0030	<0.0020	<0.0020
Mean:	0.0036	0.0038	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	0.00172	0.0708	0.0696	0.0046	<0.0044	0.0049	0.0019	<0.0018	<0.0018

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5×10^{-9} µCi/mL
WNW8605 (DOWN - C)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	<0.050	N/A	1.30 ± 0.90E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	0.94	<0.050	N/A	<6.10E-10
Aug-92	<0.050	<0.10	<0.50	<4.9	<10	<2.0	<0.20	0.35	N/A	2.20 ± 0.80E-09
Dec-92	<0.050	<0.10	<0.50	<5.0	<1.0	<0.2	<6.20	<0.050	N/A	2.70 ± 1.50E-09
Mean:	<0.050	<0.10	<0.50	<3.7	<7.8	<1.6	0.36	0.13	N/A	1.66 ± 0.95E-09
WNW8606 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	<0.10	0.16	2.0	<8.40E-10
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.96	0.23	<8.00E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	4.0	1.7	<1.10E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.76	1.4	<6.95E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	1.5	1.3	<8.59E-10
WNW8607 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	<0.10	8.3	2.8	<9.70E-08
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	3.8	4.2	<8.80E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	3.1	1.2	<1.30E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.2	1.8	<1.04E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6	<1.1	<0.10	4.1	2.5	<2.51E-08
WNW8608 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.5	<0.4	<0.10	3.5	29	<1.02E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1	<0.1	<0.10	2.4	16	<7.50E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.48	5.0	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	0.46	34	<7.12E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.1	<1.1	0.11	1.7	21	<8.46E-10
WNW8609 (DOWN - C)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	<0.10	4.0	2.1	3.70 ± 1.60E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	9.3	1.6	5.70 ± 1.90E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	11.0	1.1	2.20 ± 1.00E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	6.1	16	<4.07E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	7.6	5.2	2.82 ± 1.23E-09
WNDMPNE (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.84	4.3	<1.10E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.4	3.8	7.10 ± 2.00E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.9	13	<1.35E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.72	17	1.35 ± 0.63E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	<0.10	1.2	9.4	2.28 ± 1.27E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW8605 (DOWN - C)																
Dec-91	<0.012	<0.012	<0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.136	0.138	0.0050	0.0030	<0.0120	<0.0120	<0.030	<0.030
Mar-92	0.0059	0.0052	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.137	0.134	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Aug-92	0.0079	0.011	0.0016	<0.0010	<0.00003	<0.00003	<0.0040	<0.0040	0.135	0.135	0.0035	0.0054	<0.0010	<0.0010	<0.0020	<0.0020
Dec-92	0.0062	0.0062	<0.0030	<0.0030	<0.00010	0.00012	<0.0030	<0.0030	0.104	0.101	0.0056	<0.0030	<0.0010	<0.0010	N/A	<0.0010
Mean:	0.0080	0.0085	0.0024	<0.0022	<0.00013	0.00014	<0.0042	<0.0042	0.128	0.127	0.0048	0.0041	<0.0048	<0.0048	<0.012	<0.0095
WNW8606 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.089	0.084	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.120	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.340	0.369	0.010	0.0068	<0.00075	0.0018	<0.0012	<0.0025
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.050	0.052	0.0080	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.155	0.156	0.0071	0.0054	0.0019	0.0020	<0.0018	<0.0021
WNW8607 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.054	0.054	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.039	0.040	0.0028	0.0035	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0002	<0.0002	<0.00020	<0.00020	<0.0005	<0.0005	0.044	0.041	<0.0050	<0.0050	0.026	0.0050	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0024	<0.0024	<0.00020	<0.00020	<0.0022	<0.0022	0.0467	0.0462	0.0044	0.0046	0.0077	0.0024	<0.0018	<0.0018
WNW8608 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.110	<0.0050	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.130	0.110	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0022	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	0.0046	<0.0025	0.117	0.121	0.0030	0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.099	0.098	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	0.0026	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	0.0028	<0.0022	0.116	0.110	0.0045	0.0044	0.0028	<0.0017	<0.0018	<0.0018
WNW8609 (DOWN - C)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.190	0.190	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.180	0.180	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.190	0.199	0.0040	0.0030	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0002	<0.0002	<0.00020	<0.00020	<0.0005	<0.0005	0.180	0.178	<0.0050	<0.0050	0.003	0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0024	<0.0024	<0.00020	<0.00020	<0.0022	<0.0022	0.185	0.187	0.0048	0.0045	0.0019	0.0017	<0.0018	<0.0018
WNDMPNE (DOWN - D)																
Nov-91	0.0036	<0.0020	<0.0040	<0.0040	0.0025	<0.00020	<0.0030	<0.0030	0.092	0.100	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.089	0.087	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.141	0.138	<0.0025	0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.079	0.072	<0.0050	<0.0050	0.002	<0.0020	<0.0020	<0.0020
Mean:	0.0022	<0.0018	<0.0030	<0.0030	0.00078	<0.00020	<0.0022	<0.0022	0.100	0.0994	<0.0044	0.0044	0.0017	<0.0017	<0.0018	<0.0018

N/A - Not available.
Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNGSEEP (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	0.40	0.10	<1.12E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.93	0.13	<1.00E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.88	0.10	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.0	0.27	<9.20E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	<0.10	0.80	0.15	<9.10E-10
WNW0105 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	<0.10	1.1	3.5	1.13 ±1.00E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.1	30	<9.00E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.0	7.5	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.94	84	<3.38E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	1.0	31	<7.85E-10
WNW0106 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	<0.050	>100	3.00 ±1.70E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.34	>100	2.40 ±1.40E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.14	75	1.10 ±1.00E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.35	73	3.72 ±0.60E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.3	<1.1	<0.10	0.22	NA	2.56 ±1.17E-09
WNW0116 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	1.5	>100	2.20 ±0.40E-08
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.5	53	1.40 ±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.4	57	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.6	63	<6.36E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.3	<1.1	<0.10	1.8	68	5.68 ±1.68E-09
WNW0207 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<20	<2.0	<0.10	0.052	23	3.20 ±1.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.25	35	4.70 ±2.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.023	3.2	<1.50E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.15	24	1.15 ±0.76E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<10	<1.5	<0.10	0.12	21	2.26 ±1.59E-09
WNW0601 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.21	>100	9.70 ±2.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.36	>100	1.30 ±0.40E-08
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.034	352	<1.30E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.067	388	1.23 ±0.61E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	<0.10	0.17	NA	6.23 ±2.18E-09
WNW0605 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.29	61	3.50 ±2.10E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.51	31	2.30 ±1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.065	25	<7.30E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.099	10	1.84 ±0.65E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	0.24	32	1.95 ±1.20E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)

Drinking Water Quality Parameters for the Sand and Gravel Unit

	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
Quality Standards	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNGSEEP (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.125	0.135	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.100	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.124	0.137	<0.0025	0.0042	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.109	0.110	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.114	0.120	<0.0044	0.0048	<0.0017	<0.0017	<0.0018	<0.0018
WNW0105 (DOWN - D)																
Nov-91	0.014	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.130	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	0.014	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.160	0.130	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.018	<0.0012	<0.0012	0.0013	<0.00020	<0.00020	<0.0025	<0.0025	0.159	0.137	0.0045	0.0040	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.014	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.151	0.146	0.0090	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.015	<0.0018	<0.0030	0.0031	<0.00020	<0.00020	<0.0022	<0.0022	0.152	0.136	0.0059	0.0048	0.0019	<0.0017	<0.0018	<0.0018
WNW0106 (DOWN - D)																
Nov-91	0.0035	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.087	0.190	<0.0050	0.008	<0.0020	<0.0020	<0.0020
Feb-92	0.0045	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.150	0.071	0.047	<0.0050	0.010	<0.0020	<0.0020	<0.0020
Jul-92	0.0065	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.157	0.095	0.066	0.0040	0.012	<0.00075	<0.0012	<0.0012
Dec-92	0.012	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.211	0.107	0.043	<0.0050	0.021	<0.0020	<0.0020	<0.0020
Mean:	0.0066	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.164	0.0901	0.086	0.0048	0.013	<0.0017	<0.0018	<0.0018
WNW0116 (DOWN - D)																
Nov-91	0.0030	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.084	0.099	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Feb-92	0.0062	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.230	0.120	1.10	0.0074	0.01	<0.0020	<0.0020	<0.0020
Jul-92	0.0058	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.143	0.103	1.11	0.0050	0.01	0.0010	<0.0012	<0.0012
Dec-92	0.0030	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.205	0.173	0.217	0.0060	0.051	<0.0020	<0.0020	<0.0020
Mean:	0.0045	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.174	0.120	0.63	0.0058	0.019	0.0018	<0.0018	<0.0018
WNW0207 (DOWN - D)																
Nov-91	0.0033	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.170	0.0071	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	0.0056	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.220	0.160	0.013	<0.0050	0.01	<0.0020	<0.0020	<0.0020
Jul-92	0.0045	0.0032	0.0001	0.00008	<0.00020	<0.00020	<0.00008	<0.00008	0.169	0.168	0.0060	0.0048	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.0050	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.200	0.180	0.0070	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Mean:	0.0046	0.0023	0.0028	0.0028	<0.00020	<0.00020	<0.0016	<0.0016	0.190	0.170	0.0083	0.0050	0.0056	<0.0017	<0.0018	<0.0018
WNW0601 (DOWN - D)																
Nov-91	0.0057	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.190	<0.050	0.300	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0060	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.093	<0.050	0.059	<0.0050	0.020	<0.0020	<0.0020	<0.0020
Jul-92	0.0060	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.078	0.050	3.88	0.098	0.013	0.00075	<0.0012	<0.0012
Dec-92	0.0040	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.052	0.043	0.180	0.0080	0.020	0.0030	<0.0020	<0.0020
Mean:	0.0054	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.103	0.0482	1.1	0.029	0.014	0.0019	<0.0018	<0.0018
WNW0605 (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.078	<0.050	0.041	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.012	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.259	0.056	0.016	<0.0025	0.003	<0.00075	<0.0012	<0.0012
Dec-92	0.0030	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.074	0.056	0.022	<0.0050	1.8	<0.0020	<0.0020	<0.0020
Mean:	0.0020	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.115	0.0530	0.023	<0.0044	0.46	<0.0017	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (continued)
Drinking Water Quality Parameters for the Sand and Gravel Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNW0801 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<9.0	<0.9	<0.10	1.1	2.7	1.70±1.20E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.83	9.0	6.90±1.90E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.44	3.9	<1.70E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.83	4.8	<1.10E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<7.5	<1.3	<0.10	0.80	5.1	2.10±1.48E-09
WNW0802 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	<0.050	0.79	<1.20E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	18	<9.50E-10
Aug-92	0.025	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	1.2	<1.70E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.020	14	7.20±6.31E-10
Mean:	<0.031	<0.08	<0.45	<1.0	<6.3	<1.1	<0.10	0.033	8.4	<1.12E-09
WNW0803 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<7.0	<0.7	<0.10	0.42	5.1	1.55±1.15E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.14	3.2	<9.10E-10
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.24	9.5	<5.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.27	19	7.90±7.22E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<7.3	<1.2	<0.10	0.27	9.2	<8.21E-10
WNW0804 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	1.0	85	1.50±1.20E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.31	>100	<8.60E-10
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.069	47	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.072	6.1	6.39±6.29E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	<0.10	0.36	NA	<8.22E-10
WNW8603 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	<0.10	1.9	0.14	1.30±1.10E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	2.1	0.10	3.20±1.50E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.1	0.00	<7.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.1	0.24	<5.88E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	2.1	0.12	<9.72E-10
WNW8604 (DOWN - D)										
Dec-91	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	1.3	N/A	9.00±2.40E-09
Mar-92	<0.050	<0.10	<0.50	<2.4	<10	<2.0	<0.10	1.2	N/A	<3.30E-10
Aug-92	<0.050	<0.10	<0.50	<5.3	<10	<2.0	<0.20	0.22	N/A	9.00±6.00E-10
Dec-92	<0.050	<0.10	<0.50	<5.0	<0.9	<0.2	<0.20	1.4	N/A	<9.32E-10
Mean:	<0.050	<0.10	<0.50	<3.8	<7.7	<1.5	<0.15	1.0	N/A	2.62±1.07E-09
WNW8612 (DOWN - D)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	2.1	1.95±1.30E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	3.1	<7.66E-10
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	49	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	5.9	8.93±6.65E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	<0.10	<0.030	15	<8.33E-10

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 13 (concluded)

Drinking Water Quality Parameters for the Sand and Gravel Unit

	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
Quality Standards	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0801 (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.120	<0.0050	<0.0050	<0.0020	0.0027	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.094	0.096	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.139	0.140	0.0025	<0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.114	0.116	0.0060	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.117	0.118	0.0046	<0.0044	<0.0017	0.0019	<0.0018	<0.0018
WNW0802 (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	1.20	1.30	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.220	0.220	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.878	0.890	<0.0025	0.0028	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.219	0.214	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.629	0.656	<0.0044	0.0044	<0.0017	<0.0017	<0.0018	<0.0018
WNW0803 (DOWN - D)																
Nov-91	<0.0020	0.0022	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.100	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.110	0.0051	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.153	0.150	0.0035	0.0035	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.113	0.116	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.119	0.119	0.0046	0.0046	<0.0017	<0.0017	<0.0018	<0.0018
WNW0804 (DOWN - D)																
Nov-91	0.0060	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.100	0.068	0.0074	0.003	<0.0020	<0.0020	<0.0020
Feb-92	0.0023	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.077	0.180	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.107	0.102	0.036	<0.0025	0.002	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.094	0.096	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0029	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.110	0.0938	0.072	0.0050	0.0030	<0.0017	<0.0018	<0.0018
WNW8603 (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.220	0.220	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.230	0.220	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.222	0.236	0.0030	0.0038	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.250	0.256	<0.0050	<0.0050	<0.0020	0.0025	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.230	0.233	0.0045	0.0047	<0.0017	0.0018	<0.0018	<0.0018
WNW8604 (DOWN - D)																
Dec-91	<0.012	<0.012	0.0010	<0.0010	<0.00020	<0.00020	<0.0050	<0.0050	0.202	0.195	0.0060	0.0050	0.021	0.0135	<0.030	<0.030
Mar-92	<0.0050	<0.0050	<0.0040	<0.0040	<0.00020	<0.00020	<0.0050	<0.0050	0.189	0.181	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Aug-92	<0.0020	<0.0020	0.0014	<0.0010	<0.00003	<0.00003	<0.0040	<0.0040	0.214	0.216	0.0038	<0.0020	0.002	0.0107	<0.0020	<0.0020
Dec-92	<0.0010	<0.0010	<0.0030	<0.0030	<0.00010	<0.00010	<0.0030	<0.0030	0.194	0.198	<0.0030	<0.0030	<0.0010	0.0017	<0.0010	<0.0010
Mean:	<0.0050	<0.0050	0.0024	<0.0022	<0.00013	<0.00013	<0.0042	<0.0042	0.200	0.198	0.0044	0.0038	0.0073	0.0077	<0.0095	<0.0095
WNW8612 (DOWN - D)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.320	0.330	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	0.0031	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.330	0.340	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	0.0022	0.0022	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.361	0.366	0.0025	<0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	0.0030	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.300	0.314	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0026	0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.328	0.338	0.0044	<0.0044	<0.0017	<0.0017	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 14
Drinking Water Quality Parameters for the Till-Sand Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNW0302 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	<0.10	1.4	3.3	2.00±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	1.2	4.5	<9.90E-010
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	1.0	5.0	1.30±0.90E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.99	2.0	<4.32E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<7.5	<1.3	<0.10	1.1	3.7	<9.56E-010
WNW0402 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	<0.10	<0.050	47	4.30±1.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	8.5	2.60±1.50E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.010	2.0	<1.00E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.018	6.3	<4.29E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<7.3	<1.2	<0.10	0.032	16	1.93±1.18E-09
WNW0404 (UP)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.10	0.12	8.5	<1.60E-009
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.12	<0.050	18	3.20±1.90E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	0.012	17	<9.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.13	0.20	8.6	<9.83E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	0.12	0.10	13	<1.35E-009
WNW0202 (DOWN - B)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<6.0	<0.6	0.28	<0.050	6.3	1.70±1.40E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.34	<0.050	3.0	1.30±1.00E-09
Jul-92	<0.051	<0.10	<0.51	<1.0	<10	<2.0	0.27	0.015	9.2	<1.40E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.28	<0.010	6.7	<1.00E-009
Mean:	<0.038	<0.08	<0.46	<1.0	<7.0	<1.2	0.29	0.032	6.3	<1.20E-009
WNW0204 (DOWN - B)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	4.2	2.40±1.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	7.3	1.50±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.88	14	<1.10E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	5.5	<5.53E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	<0.10	0.25	7.8	<1.14E-009

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 14 (continued)
Drinking Water Quality Parameters for the Till-Sand Unit

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0302 (UP)																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.330	0.320	<0.0050	<0.0050	<0.0020	0.0034	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.320	0.320	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.00005	<0.00005	<0.0002	<0.0002	<0.00008	<0.00008	0.434	0.452	0.0058	0.0060	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.381	0.405	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0028	<0.0028	<0.0002	<0.0002	<0.0016	<0.0016	0.366	0.374	0.0052	0.0052	0.0019	0.0020	<0.0018	<0.0018
WNW0402 (UP)																
Nov-91	0.0024	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.490	0.520	0.0059	<0.0050	0.002	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.480	0.480	0.0098	0.0062	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0012	<0.0012	<0.0012	<0.0012	<0.0002	<0.0002	<0.0025	<0.0025	0.537	0.552	0.0085	0.0050	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.589	0.599	<0.0050	<0.0050	0.004	0.0030	<0.0020	<0.0020
Mean:	0.0019	<0.0018	<0.0030	<0.0030	<0.0002	<0.0002	<0.0022	<0.0022	0.524	0.538	0.0073	0.0053	0.0024	0.0019	<0.0018	<0.0018
WNW0404 (UP)																
Nov-91	0.0058	0.0054	<0.0040	<0.0040	<0.0002	0.00022	<0.0030	<0.0030	0.120	0.120	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0080	0.0067	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.150	0.120	0.011	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Jul-92	0.0085	0.0058	<0.0012	<0.0012	<0.0002	<0.0002	<0.0025	<0.0025	0.127	0.119	0.0045	<0.0025	0.009	<0.00075	<0.0012	<0.0012
Dec-92	0.0070	0.0080	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.131	0.136	<0.0050	<0.0050	0.005	0.0030	<0.0020	0.0020
Mean:	0.0073	0.0065	<0.0030	<0.0030	<0.0002	0.00021	<0.0022	<0.0022	0.132	0.124	0.0064	<0.0044	0.0049	0.0019	<0.0018	0.0018
WNW0202 (DOWN - B)																
Nov-91	0.0028	0.0023	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.110	0.120	<0.0050	<0.0050	<0.0020	0.0027	<0.0020	<0.0020
Mar-92	0.0032	0.0038	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.200	0.230	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0035	0.014	<0.00005	0.0005	<0.0002	<0.0002	<0.00008	0.0015	0.342	0.456	0.0068	0.0088	0.001	<0.00075	<0.0012	<0.0012
Dec-92	0.0080	0.0050	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.158	0.198	<0.0050	<0.0050	0.004	0.0050	<0.0020	<0.0020
Mean:	0.0044	0.0062	<0.0028	0.0029	<0.0002	<0.0002	<0.0016	0.00200	0.202	0.251	0.0054	0.0060	0.0022	0.0026	<0.0018	<0.0018
WNW0204 (DOWN - B)																
Nov-91	0.0048	0.0044	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.400	0.400	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0064	0.0060	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.390	0.390	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0055	0.0052	<0.0012	<0.0012	<0.0002	<0.0002	<0.0025	<0.0025	0.368	0.421	0.0028	<0.0025	0.001	<0.00075	<0.0012	<0.0012
Dec-92	0.0060	0.0060	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.411	0.423	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	0.0057	0.0054	<0.0030	<0.0030	<0.0002	<0.0002	<0.0022	<0.0022	0.392	0.408	0.0044	<0.0044	0.0020	<0.0017	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 14 (continued)
Drinking Water Quality Parameters for the Till-Sand Unit

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 ⁻⁹ µCi/mL
WNW0206 (DOWN - B)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	11	<1.70E-009
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	11	1.50±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.028	27	<1.10E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	9.6	<9.55E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	<0.10	0.035	15	<1.21E-009
WNW0208 (DOWN - B)										
Nov-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	0.27	<0.050	5.8	2.60±1.70E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	13	<7.70E-010
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.25	<0.010	5.6	<1.05E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.25	<0.010	5.2	<9.62E-010
Mean:	<0.038	<0.08	<0.46	<1.0	<7.3	<1.2	0.22	<0.030	7.4	<1.12E-009
WNW0701 (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	74	2.20±1.00E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	37	<1.05E-009
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.11	0.022	15	<6.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.025	58	1.41±0.46E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.10	0.037	46	1.20±0.78E-09
WNW0905 (DOWN - B)										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.12	<0.050	2.0	<7.00E-010
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	20	<8.50E-010
Jul-92	<0.052	<0.10	<0.52	<1.0	<10	<2.0	0.18	0.014	1.6	<7.50E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	<0.010	11	<1.39E-009
Mean:	<0.038	<0.08	<0.45	<1.0	<5.7	<1.1	0.13	0.031	8.5	<9.22E-010

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Table E - 14 (concluded)
Drinking Water Quality Parameters for the Till-Sand Unit

	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
Quality Standards	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
WNW0206 (DOWN - B)																
Nov-91	0.0031	0.0026	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.360	0.360	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0038	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.380	0.370	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0038	0.0028	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.311	0.425	0.0050	<0.0025	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.0020	0.0030	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.412	0.422	<0.0050	<0.0050	0.007	0.0060	<0.0020	<0.0020
Mean:	0.0032	0.0026	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.366	0.394	0.0050	<0.0044	0.0032	0.0027	<0.0018	<0.0018
WNW0208 (DOWN - B)																
Nov-91	0.0044	0.0044	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.250	0.240	<0.0050	<0.0050	<0.0020	0.0037	<0.0020	<0.0020
Mar-92	0.0040	0.0037	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.240	0.250	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0038	0.0039	0.00006	<0.00005	<0.00020	<0.00020	<0.00008	<0.00008	0.300	0.312	<0.0025	<0.0025	0.00088	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	0.0040	<0.0030	<0.0030	0.00080	<0.00020	<0.0005	<0.0005	0.328	0.330	<0.0050	<0.0050	0.004	0.0060	<0.0020	<0.0020
Mean:	0.0040	0.0040	0.0028	<0.0028	0.00035	<0.00020	<0.0016	<0.0016	0.280	0.283	<0.0044	<0.0044	0.0022	0.0031	<0.0018	<0.0018
WNW0701 (DOWN - B)																
Dec-91	0.0033	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.065	<0.050	0.0056	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Mar-92	0.0039	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.062	<0.050	0.0096	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Aug-92	0.0030	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.053	0.052	0.0070	0.0042	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	0.0030	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.055	0.038	<0.0050	<0.0050	0.033	0.0210	<0.0020	<0.0020
Mean:	0.0036	0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.0587	0.0475	0.0068	0.0048	0.011	0.0064	<0.0018	<0.0018
WNW0905 (DOWN - B)																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.010	<0.010
Mar-92	0.0028	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0025	0.0025	0.0025	0.0016	<0.00020	<0.00020	<0.00008	<0.00008	0.020	<0.012	0.012	0.010	0.00088	<0.00075	<0.0012	<0.0012
Dec-92	0.0030	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.019	0.011	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0026	0.0021	0.0034	0.0032	<0.00020	<0.00020	<0.0016	<0.0016	0.0348	0.0309	0.0067	0.0062	0.0017	<0.0017	<0.0038	<0.0038

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.