

Rochester Driving Park

Table 10
Native Soil Data vs. East USA Screening Criteria

Boring Top (ft) Bottom (ft)	East USA	A-5A	A-6A	B-1A	B-5A	B-6A	C-1A	C-5A	D-1A	D-2A	D-3A	D-4A	D-5A	E-1A	E-2A	E-4A	F-1A	F-2C	F-3A	F-4A	G-1A	G-3A	G-4A
		ALUMINIUM	33,000																				
ANTIMONY																							
ARSENIC	12																						
BERYLLIUM	1.75																						
CADMIUM ⁽¹⁾	1	<0.1	<0.11	<0.098	<0.11	<0.1	0.36	<0.1	1590	0.59	0.72	0.32	0.4	<0.099	0.2 J	0.19 J	0.22 J	<0.1	<0.1	0.12 J	0.39	<0.098	<0.097
CALCIUM ⁽¹⁾	35,000																						
CHROMIUM ⁽¹⁾	40	7.8 J	7.7 J	9.4 J	8.4 J	8.7 J	8	7.5 J	48.5 J	7.8 J	8.2 J	7.3 J	7.9 J	8.1 J	8.8 J	8.2 J	9 J	7.7 J	8.1 J	6.6 J	10.2 J	7.1	7.3
COPPER	50																						
IRON	550,000																						
LEAD	500	11.8	10.2	16.3	11.1	13.5	21.4	19.1	120	20.3	19.6	18.7	18.5	19.6	18.9	22.7	17.9	18.9	20.5	11.2	16.9	43.1 J	12.2 J
MAGNESIUM ⁽¹⁾	5,000																						
MANGANESE	5,000																						
MERCURY	0.2	<0.012 J	<0.012	<0.011 J	<0.012 J	<0.012 J	<0.012	<0.011 J	0.052 U	<0.012 J	<0.011 J	<0.011 J	<0.011 J	<0.011 J	<0.012 J	<0.011 J	<0.011 J	<0.011	<0.012	<0.011 J	0.017 U	<0.011 J	<0.011 J
NICKEL	25																						
POTASSIUM	43,000																						
SILVER		0.26 U	0.27 J	0.45 U	0.24 U	0.26 U	0.14 J	0.33 U	408	3.2	8.2	0.84 J	0.18 J	<0.11	0.18 J	<0.11 J	<0.11 J	0.21 U	<0.11	2.1 J	0.18 J	<0.11	<0.11
SODIUM	8,000																						
THALLIUM																							
ZINC ⁽¹⁾	50																						

Boring Top (ft) Bottom (ft)	East USA	H-5A	H-6A	I-1A	I-5A	I-6A	J-1A	J-4A	J-5A	K-5A	K-6A	L-3A	L-5A	M-4A	M-5A	M-6A	RMP-1	RMP-3	RMP-4	RMP-5	RMP-7	RMP-12	RMP-13
		ALUMINIUM	33,000																				
ANTIMONY																							
ARSENIC	12																						
BERYLLIUM	1.75																						
CADMIUM ⁽¹⁾	1	<0.096	<0.095	<0.097	<0.099	<0.097	<0.1	<0.098	<0.093	0.0835 J	<0.0576	0.124 J	<0.0589	0.119 J	0.138 J	0.108 J	0.27 J	0.58 J	0.27 J	5.3 J	1.69 J	0.24 J	0.26 J
CALCIUM ⁽¹⁾	35,000																						
CHROMIUM ⁽¹⁾	40	6.4	6.4	7.3 J	7.9 J	7.5 J	8.8 J	6.5 J	6.2 J	20.1 J	7.78 J	8.89 J	8.09 J	9.26 J	9.5 J	10.3 J							
COPPER	50																						
IRON	550,000																						
LEAD	500	15.3 J	14.3 J	15	11.2	16.1	9.7	15.1	14.2	22.4	11.5	10.6	11.3	10.2	12.3	13.3	13.6	14.1	25	17	17.3	17	12
MAGNESIUM ⁽¹⁾	5,000																						
MANGANESE	5,000																						

Table 10
Native Soil Data vs. East USA Screening Criteria

MERCURY	0.2	<0.011 J	<0.011 J	<0.011 J	0.02 U	<0.011 J	<0.011 J	<0.011 J	<0.011 J	0.0139 J	0.0064 J	0.0069 J	0.0191 J	<0.0029 J	0.0085 J	0.0301 J	<0.028 J	<0.032 J	<0.033 J	<0.03 J	<0.031 J	<0.032 J	0.088 J
NICKEL	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
POTASSIUM	43,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SILVER	---	<0.11	<0.1	<0.11	0.19 U	<0.11	<0.11	<0.11	0.21 U	0.252 J	0.168 J	0.207 J	0.189 J	0.188 J	0.255 J	0.58	0.37	0.65	1.12	0.96	59.7	0.048 J	0.135 J
SODIUM	8,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
THALLIUM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ZINC ⁽¹⁾	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

All results are mg/kg.
J: Estimated Concentration

SB: Site Background
Shade: Result > East USA

U: Not Detected
(1): At least one result > East USA

Table 10
Native Soil Data vs. East USA Screening Criteria

G-5A	G-6A	H-4A	Boring Top (ft) Bottom (ft)	East USA	SB-2A	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-16A	SB-16B
6.2	5.2	6.2	ALUMINUM	33,000	5	2	0	0	2	2	2	2	2	4	5.5	4.9	5	4.5	9	6
6.9	6	7.3	ANTIMONY	---	6	4	2	2	4	4	4	4	4	6	6.5	5.9	6	5	15.2	8
---	---	---	ARSENIC	12	---	7050	16800	7590	6100	12800	15000	11600	7520	---	---	---	---	---	---	---
---	---	---	BERYLLIUM	1.75	---	<0.11	<0.12	0.47	3.3	6.8	5	5.2	<0.2	---	---	---	---	---	---	---
<0.098	<0.099	<0.095	CADMIUM ⁽¹⁾	1	78.1	0.36	0.82	0.24	0.38	0.33	0.67	0.6	0.54	---	---	---	<0.093	<0.096	<0.0608	<0.0663
---	---	---	CALCIUM ⁽¹⁾	35,000	---	60600	35900	92900	124000	4400	15600	4950	115000	---	---	---	---	---	---	---
7.1	7	5.8	CHROMIUM ⁽¹⁾	40	14.8 J	144	18.8	9.4	9	15.9	17.2	13.9	9.6	---	8.8 J	7.5 J	7.3 J	8.1 J	6.68 J	9.05 J
---	---	---	COPPER	50	---	17.8	10.7	11.6	11.2	15.3	9.3	10.4	11	---	---	---	---	---	---	---
---	---	---	IRON	550,000	---	13500	30800	14400	12600	21400	20600	18900	17400	---	---	---	---	---	---	---
12.7 J	16.4 J	15.6 J	LEAD	500	16.3	4.6	56.1	16.9	6.3	11.4	13.2	9.8	11.9	13	21.6	25.3	14.3	11.7	16.6	13.3 J
---	---	---	MAGNESIUM ⁽¹⁾	5,000	---	27500	33200	35700	17500	3950	7550	3820	46000	---	---	---	---	---	---	---
---	---	---	MANGANESE	5,000	---	349	353	407	390	596	674	468	326	---	---	---	---	---	---	---
<0.011 J	0.094 J	<0.011 J	MERCURY	0.2	<0.011 J	0.02 J	0.02 J	0.013 J	0.0068 J	0.046 J	0.028 J	0.016 J	0.005 J	0.02 J	<0.011 J	<0.011 J	0.012 J	<0.011 J	<0.003	<0.0033 J
---	---	---	NICKEL	25	---	11.8	8.3	11.3	10.8	15.4	13.2	19.7	12.4	---	---	---	---	---	---	---
---	---	---	POTASSIUM	43,000	---	2180	2040	3120	2350	2910	2480	2260	3480	---	---	---	---	---	---	---
0.24 J	24.5	<0.1	SILVER	---	12.6 J	224	10.8	<0.16	<0.16	0.19 J	0.24 J	1.7	0.81	<0.17	2.5 J	13.6 J	0.18 U	0.58 J	0.449 J	<0.184 J
---	---	---	SODIUM	8,000	---	149	<210	1160	785	481	713	388	469	---	---	---	---	---	---	---
---	---	---	THALLIUM	---	---	<0.45	<0.42	<0.44	<0.43	<0.46	<0.46	<0.44	<0.42	---	---	---	---	---	---	---
---	---	---	ZINC ⁽¹⁾	50	---	28.5	26.1	14.3	14.7	53.1	47.1	46.4	11.9	---	---	---	---	---	---	---

RMP-14B	RMP-15	SB-1	Boring Top (ft) Bottom (ft)	East USA	SB-23	SB-24	SB-25	SB-26	TP-4	TP-7
6	2	4	ALUMINUM	33,000	3	5.5	6	5	7	4
8	4	6	ANTIMONY	---	4.5	7.5	8	7	8	5
---	---	5230	ARSENIC	12	---	---	---	---	---	---
---	---	<0.099	BERYLLIUM	1.75	---	---	---	---	---	---
<0.0616	0.19 J	0.18 J	CADMIUM ⁽¹⁾	1	<0.0617	<0.0605	<0.0649	<0.0614	<0.064	<0.064
---	---	124000	CALCIUM ⁽¹⁾	35,000	---	---	---	---	---	---
7.01 J	---	7.6	CHROMIUM ⁽¹⁾	40	13.7 J	8.9 J	10.3 J	10.4 J	---	---
---	---	7.1	COPPER	50	---	---	---	---	---	---
---	---	11800	IRON	550,000	---	---	---	---	---	---
12.1	14.9	7	LEAD	500	9.89 J	16.5 J	15.8 J	13.6 J	21.3	14
---	---	57700	MAGNESIUM ⁽¹⁾	5,000	---	---	---	---	---	---
---	---	437	MANGANESE	5,000	---	---	---	---	---	---

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0.005 U	<0.034	<0.0027	MERCURY	0.2	0.0066 U	0.0031 U	<0.0035	<0.0032	0.037 J	0.2
---	---	8.3	NICKEL	25	---	---	---	---	---	---
---	---	2390	POTASSIUM	43,000	---	---	---	---	---	---
0.334 J	<0.04	<0.15	SILVER	---	<0.171	<0.168	<0.901	<0.171	4.7	<0.16
---	---	603	SODIUM	8,000	---	---	---	---	---	---
---	---	<0.42	THALLIUM	---	---	---	---	---	---	---
---	---	9.3	ZINC ⁽¹⁾	50	---	---	---	---	---	---

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SB: Site Background
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(1): At least one result > East USA

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SB-17	SB-18	SB-19	SB-20	SB-21A	SB-21B	SB-22
5.5	5.5	6	4	5	5	2.2
8	8	9	6	9	7	5
***	***	***	***	***	***	***
***	***	***	***	***	***	***
***	***	***	***	***	***	***
***	***	***	***	***	***	***
<0.0619	<0.0627	<0.0626	0.406 J	<0.0635	<0.0765	<0.0617
***	***	***	***	***	***	***
6.47 J	7.06 J	7.7 J	14.7 J	8.85 J	10.7 J	7.12 J
***	***	***	***	***	***	***
***	***	***	***	***	***	***
13.8	12.1	12.7	25.6 J	13.7	9.9 J	14.8
***	***	***	***	***	***	***
***	***	***	***	***	***	***
0.0053 U	<0.0034	<0.0033	0.0413 U	0.0077 U	<0.0038	<0.0032
***	***	***	***	***	***	***
***	***	***	***	***	***	***
0.383 J	0.352 J	0.213 J	10.1	0.371 J	2.08	0.39 J
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