Results of Soil Sampling

Belding Metal Analysis
Mueller Industries, Belding Michigan
all results in mg/kg (ppm)

Sample Location	XRF Location	Lead (XRF)	Lead (Lab)	Lead Fine Fraction	Lead Coarse Fraction	Arsenic	Barium	Cadmium	Chromium	Copper	Mercury	Iron	Selenium	Silver	Zinc
State Default Background			21	21	21	5.8	75	1.2	18	32	0.13	12000	0.41	1	47
Direct Contact Criteria			400	400	400	7.6	37000	550	2500	20000	160	160000	2600	2500	170000
Drinking Water Protect.			700	700	700	4.6	1300	6	30	5800	1.7	6	4	4.5	2400
516 Merrick	XRF 261	**1070.5**	**930**	**930**	**990**	2.7	140	5.3	9.8	**9800**	<0.05	**6700**	0.67	0.68	**6200**
516 Merrick 6" Deep)	- -	- -	120	160	130	1.4	26	1.2	4.9	2000	<0.05	**4100**	<0.2	0.19	1000
514 Howard	XRF 255	**643.75**	**450**	**780**	**810**	3.4	180	2.7	20	5300	<0.05	**7100**	0.63	0.51	2100
526 Howard	XRF 270	**1099.92**	**890**	**920**	**1400**	5.5	220	4.3	19	**9200**	0.16	**7800**	1.3	1	**4000**
163 York	XRF 47	390.35	400	530	270	2.9	69	1.7	9.3	**7300**	<0.05	**5500**	0.8	0.43	2200
545 Crooks	XRF 138	**1034.8**	**780**	**760**	**2400**	3.8	83	2.3	15	3000	<0.05	**5800**	0.75	0.27	1600
550 Merrick	XRF 36	**853.07**	220	260	240	3.6	82	0.96	9.4	1100	<0.05	**11000**	0.29	0.11	840
Mueller- Stairs (High Street)	XRF 357	**3011.95**	**2200**	**2100**	**1600**	3.5	29	7.5	14	**53000**	<0.05	**5100**	0.65	4.1	**25000**
514 Crooks	XRF85	**1004.45**	390	**940**	**650**	2.7	97	2.3	12	**6800**	<0.05	**5600**	0.54	0.43	2200
304 Ellis	XRF 328	10.4	57	110	33	1.4	23	0.36	13	420	<0.05	**6400**	<0.2	<0.1	390
Ellis School	XRF 368	19.01	24	44	8.7	1.4	19	<0.2	8.7	370	<0.05	**5800**	<0.2	<0.1	220
Ellis School (6"-Deep)	- -	- -	14	38	12	1.1	34	<0.2	5.4	68	<0.05	**5400**	<0.2	<0.1	55

BOLDED - Values represent values that exceed the Residential/Commercial Direct Contact Criteria
Underlined - Values represent values that exceed the Residential/Commercial Drinking Water Protection Criteria