

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
**PARK LAKE ROAD and MERRITT ROAD**  
**EAST LANSING, MICHIGAN 48823**  
**Triterra Project No. 15-1536-19**

Analyzed Constituent	CAS Number	MDEQ Part 201 Generic Residential Cleanup Criteria and Screening Levels		Sample Identification, Sample Interval, and Date Collected	
		Drinking Water Criteria	GSI Criteria	Mun-1 1/11/2017	TP-1100 6' - 8' 1/11/2017
<b>VOCs</b>					
n-Butylbenzene	104518	80	ID	<RL	9
sec-Butylbenzene	135988	80	ID	<RL	4
Naphthalene	91203	520	11	<RL	56
n-Propylbenzene	103651	80	ID	<RL	6
1,2,4-Trimethylbenzene	95636	63	<b>17</b>	<RL	<b>31</b>
1,3,5-Trimethylbenzene	108678	72	45	<RL	2
2-Methylnaphthalene	91576	260	<b>19</b>	<RL	<b>75</b>
1,4-Dichlorobenzene	106467	75	17	<RL	2
Chlorobenzene	108907	100	25	<RL	1
Remaining VOCs	Vw/C	Vw/C	Vw/C	<RL	<RL
<b>PAHs</b>					
Naphthalene	91203	520	<b>11</b>	<RL	<b>27</b>
2-Methylnaphthalene	91576	260	<b>19</b>	<RL	<b>40</b>
Various PAHs	Vw/C	Vw/C	Vw/C	<RL	<RL
<b>Inorganics</b>					
Arsenic	7440382	<b>10</b>	<b>10</b>	<b>3</b>	<b>14</b>
Barium*	7440393	2,000	1,900	<b>150</b>	<b>357</b>
Cadmium *	7440439	5	3	<RL	<RL
Chromium, Total*	16065831	100	120	<RL	<RL
Copper*	7440508	1,000	470	<b>56</b>	<RL
Lead, Total *	7439921	<b>4</b>	14	<b>10</b>	<b>8</b>
Selenium	7782492	50	5	<RL	<RL
Silver	7440224	34	0.2	<RL	<RL
Sodium Chloride	7647145			<b>250,000</b>	<b>248,000</b>
Zinc	7440666	2,400	3,300	<b>85</b>	<b>33</b>
Mercury, Total	Varies	2	0.0013	<RL	<RL

**NOTES:**

- Analytical results compared to MDEQ criteria presented in Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, effective 12/30/2013.
- Concentrations reported in ppb (parts per billion or ug/L).
- Detected results shown in **BOLD**. Exceedances are highlighted.
- \* = GSI Protection was calculated for the indicated metals using the MDEQ spreadsheet for calculating GSI. A default water hardness value of 150 mg/kg as CaCO<sub>3</sub> was used to calculate Results are presented for surface water receiving bodies that are protected as a drinking water source.
- <RL = Result less than laboratory reporting limit, NR = Analysis not requested, NLV = Not likely to volatilize under most conditions, ID = Insufficient data to develop criterion, V/wC = Va