

HAMLIN LAKE AND TRIBUTARY SAMPLING – COMPARISON OF 3 SAMPLINGS IN 2019

Test Results from Trace Analytical Labs

Sample Location	Date Collected	Spring – 2019 4/5/2019	Summer - 2019 7/24/2019	Fall - 2019 9/10/2019
1. Five Mile Road		19 ug/L	11 ug/L	7.2 ug/L
2. Free Soil Road		27 ug/L	70 ug/L	27 ug/L
3. Stephen’s Road Bridge		<10 ug/L	55 ug/L	23 ug/L
4. Darr Road Bridge		<10 ug/L	47 ug/L	28 ug/L
5. US-31 Road Bridge		<10 ug/L	44 ug/L	27 ug/L
6. Sable River at Quarterline		22 ug/L	110 ug/L	22 ug/L
7. Davis Creek		27 ug/L	90 ug/L	45 ug/L
8. Freeman Creek		200 ug/L	790 ug/L	110 ug/L
9. Dennis Creek		50 ug/L	150 ug/L	110 ug/L
10. Bridge at M-116 (State Park)		<10 ug/L	25 ug/L	20 ug/L
11. Lower Lake (Deep Hole)		<10 ug/L	22 ug/L	29 ug/L
12. Lower lake (Shallow Spot West of Narrows)		<10 ug/L	19 ug/L	33 ug/L
13. Deep Spot Upper Lake (Sunset Bay)		<10 ug/L	65 ug/L	33 ug/L
14. East Arm Indian Pete Bayou		16 ug/L	50 ug/L	35 ug/L
15. Pleasant Hill off Davis Road		16 ug/L	78 ug/L	< 5 ug/L
16. Rupert’s Bayou		17 ug/L	32 ug/L	14 ug/L

- NOTES:
1. (<) Indicates “Less than” the minimum detectable concentration.
 2. The Michigan DNR claims Total Phosphorus values should be below 20 PPB for good quality lake water but 10 PPB or less is much better.
 3. Torch Lake’s (Antrim County) phosphorus levels are generally below 5 PPB