

Little Manistee Watershed Conservation Council
WATER QUALITY SURVEY - Collected July 22, 2015

GLWL Lab ID #	LMWCC Site #	Collection Location	*Total Coliform-colonies / 100 mL	**E. coli-colonies / 100 mL	Ammonia-mg/L	Nitrate-mg/L	T. Phos.-mg/L	***T.Phos.-Repeat mg/L	pH-pH units	Dslvd. Oxygen-mg/L	Chloride-mg/L	Nitrite-mg/L	Air Temp.-°F	Water Temp.-°F
15072214	1	L.M. Below Luther Dam	1203	119	<0.05	<1.0	0.081		7.3	8.1	5	<0.05	75	60
15072215	2	L.M. Above Fairbanks Creek	2420	144	<0.05	<1.0	0.108	0.107	7.3	8.2	<5	<0.05	66	58
15072216	Duplicate	(above)	1553	133	<0.05	<1.0	0.219	0.197	7.4	8.3	<5	<0.05		
	3	Fairbanks Creek below Old M-63												
	4	L.M. above Twin Creek												
	5	Twin Creek												
15072217	6	L.M. above Sayers Creek	980	96	<0.05	<1.0	0.057		7.5	8.5	9	<0.05	64	54
	7	Sayers Creek												
15072218	8	L.M. @ Spencer Bridge	1414	140	<0.05	<1.0	0.293	0.254	7.4	8.2	9	<0.05	69	63
15072219	Duplicate	(above)	1203	111	<0.05	<1.0	0.043	0.056	7.4	8.3	9	<0.05		
15072220	9	L.M. @ Johnson Bridge	1733	77	<0.05	<1.0	0.078	0.075	7.5	8.5	7	<0.05	70	66
15072221	Duplicate	(above)	1733	83	<0.05	<1.0	0.08	0.069	7.5	8.4	7	<0.05		
15072222	10	L.M. @ Dewitts Bridge	1986	49	<0.05	<1.0	0.077		7.5	8.3	7	<0.05	70	64
15072223	11	L.M. @ Poggensee Bridge	1300	81	<0.05	<1.0	0.091	0.058	7.5	8.4	7	<0.05	75	66
15072224	Duplicate	(above)	921	81	<0.05	<1.0	0.025	0.068	7.5	8.2	7	<0.05		
15072225	12	L.M. above Cool Creek	1046	52	<0.05	<1.0	0.042		7.5	8.1	7	<0.05	67	59
15072226	13	Cool Creek @ 18 Mile Bridge	>2420	133	<0.05	<1.0	0.019	0.019	7.5	8.2	5	<0.05	69	64
15072227	Duplicate	(above)	>2420	158	<0.05	<1.0	0.019	0.019	7.5	8.2	5	<0.05		
	14	Cool Creek above Stronach Creek												
	15	Stronach Creek above Cool Creek												
	16	Cool Creek @ Cool Lake												
	17	Cool Creek @ 12 Mile												
15072228	18	Cool Creek @ Hamilton Road	1553	11	<0.05	<1.0	0.185	0.187	7.3	8.4	7	<0.05	75	73
15072229	Duplicate	(above)	1300	16	<0.05	<1.0	0.155	0.202	7.3	8.4	7	<0.05		
15072230	19	L.M. @ 9 Mile Bridge	>2420	184	<0.05	<1.0	0.243	0.124	7.5	8.2	7	<0.05	65	60
15072231	20	L.M. @ 6 Mile Bridge	1553	72	<0.05	<1.0	0.069	0.063	7.6	8.2	7	<0.05	70	60
15072232	21	L.M. @ DNR Wier	1203	55	<0.05	<1.0	0.109		7.6	8.4	7	<0.05	72	60
15072233	Duplicate	(above)	1300	84	<0.05	<1.0	0.063		7.6	8.3	6	<0.05		
15072234	22	L.M. @ Stronach Road	1986	49	<0.05	<1.0	0.117		7.7	8.8	6	<0.05	72	62

Note - Chosen sites may vary slightly based on accessibility, or areas of interest, or as requested.

*Total Coliforms (2015-first time included in this report) = Coliform bacteria, all sources (common in air soil water)

**E. coli = Fecal coliform (source is fecal from warm-blooded animals and humans)

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MI Dept. of Env. Quality Lab No: 0091 Laboratory Report - 8/1/2015

Collection Teams:

Site 1, 3, 6, T.Phillips, J.Durdel,

L.Trasciotti

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***Total Phosphorus - Tests Repeated for verification by the GLWL (no charge)

Report for LMWCC Website prepared by J. Durdel, data provided by:

Last rev. 10-5-2015

Sites 8 - 11, J. Squiers, A. Soorus
Sites 12, 13, 18, B. Sikkenga,
C. VonDonkelaar
Sites 19 - 22, T. Bastion, L. Fitz