

# ECCCM Monitoring 2014 – Hazen Creek/South Branch River Raisin Project

Parameters - **boldface** indicates violation of MI water standard

Site #	Date	Location	Watershed	Lat. / Long.	Water Temp (deg. F)	Nitrate (ppm)	Nitrite (ppm)	Phosphate (PO4) (ppm)	Ammonia (ppm)	Dissolved Oxygen mg/L	E.coli/100mL	
16	4/2/14	trib, Hazen Cr, Skinner Hwy	Hazen Cr/ South Br RR	Lat. 41° 55' 3.14" N Long. 84° 14' 44.78" W	38.2	5	0.0	2.5	0.25	16.46	<10	
	6/23/14				61.7	10	0.0	15	0.25	<b>4.9</b>	<b>3,200</b>	
	9/9/14				62.9	0	0.0	30	6.00	1.9	290	
	11/6/14				46.4	2	0.0	5	0.25	<b>4.4</b>	50	
19	4/2/14	Wallace Drain, Forrister Rd	Hazen Cr/ South Br RR	Lat. 41° 54 '52.41" N Long. 84° 10' 17.93" W	40.5	1	0.0	5	0.0	16.81	30	
	6/23/14				64.5	10	0.2	15	0.50	<b>3.54</b>	700	
	9/9/14				60.4	0	0.0	30	0.25	5.82	130	
	11/6/14				45.8	0	0.0	15	0.0	<b>4.62</b>	440	
18	4/2/14	Hazen Creek, Plank Rd	Hazen Cr/ South Br RR	Lat. 41° 54' 0.86" N Long. 84° 9' 59.57" W	40.8	1	0.0	5	0.25	11.98	30	
	6/23/14				64.7	10	0.2	30	0.25	<b>4.27</b>	<b>1400</b>	
	9/9/14				61.5	0	0.0	15	0.25	5.8	<b>1100</b>	
	11/6/14				45.4	1	0.0	15	0.0	5.68	70	
17	4/2/14	trib, S. Br Riv Raisin, Plank Rd	South Br River Raisin	Lat. 41° 53' 57.05" N Long. 84° 15' 1 5.17" W	41.2	0	0.0	5	0.25	21.61	10	
	6/23/14				64.1	2	0.3	15	0.25	<b>3.17</b>	340	
	9/9/14				61	0	0.0	30	1.0	6.96	80	
	11/6/14				44	2	0.2	5	0.25	5.39	980	
13	4/2/14	trib. S. Br Riv Raisin, Henning Hwy	South Br River Raisin	Lat. 41° 53' 17.41" N Long. 84° 15' 41.32" W	38.8	5	0.0	5	0.0	14.09	<10	
	6/23/14				60	<b>50</b>	0.0	15	0.25	<b>4.1</b>	380	
	9/9/14											no flow
	11/6/14											no flow
15	4/2/14	S. Br River Raisin, Cadmus Rd	South Br River Raisin	Lat. 41° 52' 18.30" N Long. 84° 13' 20.86" W	39.1	2	0.0	5	0.25	15.4	50	
	6/23/14				64	5	0.2	30	0.25	<b>3.12</b>	630	
	9/9/14				65	0	0.0	15	0.25	5.2	100	
	11/6/14				44.8	1	0.0	15	0.0	7.2	30	

E. coli results from DEQ Lab, Lansing; Dissolved Oxygen results from YSI DO meter; nutrient results from Hach test strips