



**Appendix C | Summary 2012-2013 *E.Coli* Data by Agency**

**Red Cedar River**

**Watershed Management Plan**

June 25, 2015

**Conservation District**

<b>Conservation District 2013</b>	<b># times sampled</b>	<b>Dates</b>	<b>Avg. Geomean</b>	<b># over TBC</b>	<b>% over TBC</b>	<b># over PBC</b>	<b>% over PBC</b>	<b>Counts &gt; 10,000</b>
Doan Creek @ Meech Rd	10	June-August 2013	1,315	10	100%	7	70%	
Deer Creek @ Howell Rd	10		1,474	10	100%	6	60%	
Mud Creek @ Hagadorn Rd/Lamb Rd	10		734	9	90%	2	20%	1
Mud Creek @ Dexter Tr	10		1,012	9	90%	6	60%	
Unnamed Trib @ Sherwood Rd near Harris Rd (Squaw Creek)	10		1,115	9	90%	4	40%	1
Unnamed Trib @ Sherwood Rd near Shaftsbury Rd (Squaw Creek)	10		1,676	10	100%	9	90%	
Coon Creek near Sherwood Rd/Beeman Rd	10		1,781	10	100%	7	70%	
Unnamed Trib @ Sherwood Rd near Meridian Rd (Coon Creek)	10		1,158	9	90%	5	50%	1
Reeves Drain @ Noble Rd (Sloan Creek)	10		2,938	10	100%	10	100%	2
Cole Drain @ Noble Rd (Sloan Creek)	10		2,172	10	100%	8	80%	2

**MSU Data**

<b>MSU Data- 4 Weeks - 2012</b>	<b># times sampled</b>	<b>8/29-9/20</b>	<b>Avg. Geomean</b>	<b># over TBC</b>	<b>% over TBC</b>	<b># over PBC</b>	<b>% over PBC</b>	<b>Counts &gt; 10,000</b>
Coon Creek (MSU-9)	4		<b>408</b>	2	50%	1	25%	
Dietz Creek (MSU-7)	4		<b>1,206</b>	4	100%	2	50%	
Doan Creek (MSU-8)	4		<b>640</b>	4	100%	0	0%	
Handy Drain No. 5 (MSU-3)	4		221	1	25%	0	0%	
Handy Howell Drain (MSU-1)	4		<b>1,085</b>	4	100%	3	75%	
Headwaters Sycamore Creek (MSU-11)	4		<b>749</b>	4	100%	1	25%	
Headwaters Sycamore Creek (MSU-12)	4		214	1	25%	0	0%	
Headwaters Sycamore Creek (Msu-13)	4		<b>782</b>	4	100%	1	25%	
Kalamink Creek (MSU-5)	4		<b>406</b>	3	75%	0	0%	
Sloan Creek (MSU-10)	4		<b>1,044</b>	4	100%	2	50%	
Middle Branch (MSU-2)	4		<b>968</b>	4	100%	2	50%	
West Branch (MSU-4)	4		<b>823</b>	4	100%	3	75%	
Wolf Creek (MSU-6)	4		<b>8,539</b>	4	100%	4	100%	1

**MSU Data - 2013**

1-Jul-13

(not included in data summary – one time sampling event)

**Geomeans**

Handy Howell Drain	316
Wolf Creek	441
Dietz Creek	417
Doan Creek	791
Sloan Creek	266
Headwaters Sycamore Creek	462
Headwaters Sycamore Creek	434
Headwaters Sycamore Creek	739
Mud Creek	522
Coon Creek	343
Coon Creek	818
Wolf Creek	782
Wolf Creek	1,160
Handy Howell Drain	170

**Ingham County Health Department Data**

<b>Subwatershed</b>	<b>Sample Event Geomean 2013</b>	<b># TBC Exceedances</b>	<b>% Exceedance</b>	<b># PBC Exceedances</b>	<b>% Exceedance</b>
<b>ICHD Data</b>					
Coon Creek (S-GR)	216	6 of 22	27%	1 of 22	5%
Coon Creek (S-WIL-B)					
Headwaters Sycamore Creek (S-MA-A)	694	19 of 22	86%	6 of 22	27%
Headwaters Sycamore Creek (S-MA-B)	942	22 of 22	100%	9 of 22	41%
Red Cedar River (S-1)	430	11 of 21	52%	5 of 21	24%
Red Cedar River (S-NK)	282	11 of 22	50%	2 of 22	9%
Red Cedar River (S-HD)	225	7 of 22	32%	0 of 22	0%
Red Cedar River (S-FL)	194	3 of 22	14%	3 of 22	14%
Red Cedar River (S-HR)	210	5 of 22	23%	3 of 22	14%
Red Cedar River (S-KZ)	226	7 of 22	32%	2 of 22	9%
Red Cedar River (S-11)	307	8 of 22	36%	3 of 22	14%
Coon Creek (S-WIL-A)					
Squaw Creek (S-WEB-B)					
Sycamore Creek (S-MH)	393	14 of 22	64%	5 of 22	23%
Wolf Creek (S-WEB-A)	285	9 of 22	41%	1 of 22	5%

<b>Subwatershed</b>	<b>Sample Event Geomean 2012</b>	<b># TBC Exceedances</b>	<b>% TBC Exceedance</b>	<b># PBC Exceedances</b>	<b>% PBC Exceedances</b>
<b>ICHD Data</b>					
Coon Creek (S-GR)	277	8 of 20	40%	1 of 20	5%
Coon Creek (S-WIL-B)	280	9 of 20	45%	1 of 20	5%
Headwaters Sycamore Creek (S-MA-A)	745	18 of 20	90%	7 of 20	35%
Headwaters Sycamore Creek (S-MA-B)	660	17 of 20	85%	5 of 20	25%
Red Cedar River (S-1)	320	9 of 20	45%	2 of 20	10%
Red Cedar River (S-NK)	321	11 of 20	55%	2 of 20	10%
Red Cedar River (S-HD)	158	1 of 20	5%	0 of 20	0%
Red Cedar River (S-FL)	120	2 of 19	11%	1 of 19	5%
Red Cedar River (S-HR)	131	1 of 20	5%	1 of 20	5%
Red Cedar River (S-KZ)	140	1 of 20	5%	1 of 20	5%
Red Cedar River (S-11)	80	1 of 20	5%	0 of 20	0%
Coon Creek (S-WIL-A)	<b>314</b>	12 of 20	60%	3 of 20	15%
Squaw Creek (S-WEB-B)					
Sycamore Creek (S-MH)	<b>327</b>	7 of 20	35%	2 of 20	10%
Wolf Creek (S-WEB-A)	<b>398</b>	14 of 20	70%	1 of 20	5%