

Saginaw Bay RC&D Lower Flint River Water Quality Data

Sampling Data				Ammonia mg/L	Chlorine, Free mg/L	Clarity cm	DO ¹		Nitrate mg/L	pH SU	Phosphate		Solids			Temp °C	Turb ⁵ NTU	Water Quality		
Date	Time	Stream	Crossing				mg/L	% Sat			mg/L	Ortho mg/L	Tot ² mg/L	Susp ³ mg/L	Diss mg/L			Tot ⁴ mg/L	Score	Rating
04/26/15	3:30 PM	Flint R	Carpenter Rd			42.9	9	98	6.6	8.7	0.08	0.3	44	369	413	20	14	79	Good	
04/26/15	4:08 PM	Flint R	University Ave			> 60.0	9	98	6.6	8.5	0.08	0.3	30	477	507	21	<	8	79	Good
04/26/15	4:36 PM	Flint R	Main St			> 60.0	9	98	6.6	9.1	0.08	0.3	30	536	566	18	<	8	75	Good
04/26/15	5:30 PM	Flint R	Mt. Morris Rd			> 60.0	9	98	6.6	9.2	0.08	0.3	30	538	568	18	<	8	75	Good
04/26/15	6:24 PM	Flint R	Curtice Rd			52.2	10	98	6.6	8.8	0.08	0.3	35	561	596	16		10	78	Good
05/02/15	1:40 PM	Flint R	Carpenter Rd			40.6	9	98	6.6	8.7	0.12	0.5	47	336	383	20		15	79	Good
05/02/15	3:47 PM	Flint R	University Ave			> 60.0	9	98	6.6	8.4	0.12	0.5	30	530	560	18	<	8	81	Good
05/02/15	5:15 PM	Flint R	Main St			> 60.0	9	98	6.6	8.8	0.16	0.6	30	517	547	20	<	8	72	Good
05/02/15	6:49 PM	Flint R	Mt. Morris Rd			> 60.0	9	98	6.6	8.7	0.08	0.3	30	560	590	20	<	8	79	Good
05/02/15	7:44 PM	Flint R	Curtice Rd			> 60.0	9	98	6.6	8.2	0.08	0.3	30	660	690	19	<	8	81	Good
05/16/15	1:00 PM	Flint R	Carpenter Rd			47.3	9	98	6.6	8.7	0.04	0.2	42	294	336	18		13	80	Good
05/16/15	1:54 PM	Flint R	University Ave			> 60.0	9	98	6.6	8.4	0.04	0.2	30	481	511	18	<	8	81	Good
05/16/15	2:45 PM	Flint R	Main St			57.0	9	98	6.6	8.3	0.04	0.2	33	474	507	18		9	81	Good
05/16/15	3:53 PM	Flint R	Mt. Morris Rd			45.8	9	98	6.6	8.3	0.56	2.2	42	481	523	18		13	69	Medium
05/16/15	5:00 PM	Flint R	Curtice Rd			33.0	9	98	6.6	8.1	0.36	1.4	60	529	589	17		21	69	Medium
05/23/15	3:00 PM	Flint R	Mt. Morris Rd	0.02	0.10	52.0	9	98	26.4	8.7	0.08	0.3	35	445	480	19		10	72	Good
06/01/15	1:20 PM	Flint R	Carpenter Rd			> 60.0	9	98	6.6	8.5	0.16	0.6	30	433	463	19	<	8	73	Good
06/01/15	2:46 PM	Flint R	University Ave			> 60.0	9	98	6.6	8.4	0.12	0.5	30	507	537	18	<	8	81	Good
06/01/15	4:15 PM	Flint R	Main St			56.6	9	98	6.6	8.5	0.28	1.1	33	442	475	19		9	71	Good
06/01/15	5:30 PM	Flint R	Mt. Morris Rd			> 60.0	9	98	6.6	8.7	0.12	0.5	30	429	459	19	<	8	80	Good
06/01/15	6:30 PM	Flint R	Curtice Rd			34.3	10	98	6.6	8.1	0.12	0.5	56	466	522	16		19	79	Good
06/16/15	12:43 PM	Flint R	Carpenter Rd			42.8	8	98	6.6	8.8	0.04	0.2	44	418	462	24		14	79	Good
06/16/15	2:06 PM	Flint R	University Ave			6.7	8	98	6.6	8.1	12.00	48.0	564	313	877	23		240	58	Medium
06/16/15	3:29 PM	Flint R	Main St			< 6.2	9	98	6.6	8.0	10.00	40.0	564	290	854	22	>	240	58	Medium
06/16/15	5:18 PM	Flint R	Mt. Morris Rd			< 6.2	8	98	6.6	8.0	10.00	40.0	564	298	862	23	>	240	58	Medium
06/16/15	6:30 PM	Flint R	Curtice Rd			12.4	8	98	6.6	8.0	0.20	0.8	219	436	655	22		90	66	Medium
06/23/15	11:47 AM	Flint R	Carpenter Rd			39.0	8	98	26.4	8.7	0.16	0.6	47	418	465	24		15	65	Medium
06/23/15	1:40 PM	Flint R	University Ave			7.6	8	98	6.6	8.2	0.36	1.4	438	313	751	23		185	64	Medium
06/23/15	3:00 PM	Flint R	Main St			6.4	8	98	6.6	8.1	0.36	1.4	564	290	854	23		240	64	Medium
06/23/15	5:15 PM	Flint R	Mt. Morris Rd			< 6.2	8	98	6.6	8.1	0.36	1.4	564	298	862	23	>	240	64	Medium
06/23/15	6:26 PM	Flint R	Curtice Rd			12.8	8	98	6.6	8.2	0.36	1.4	219	436	655	24		90	64	Medium

1 Estimated from temperature, if not measured

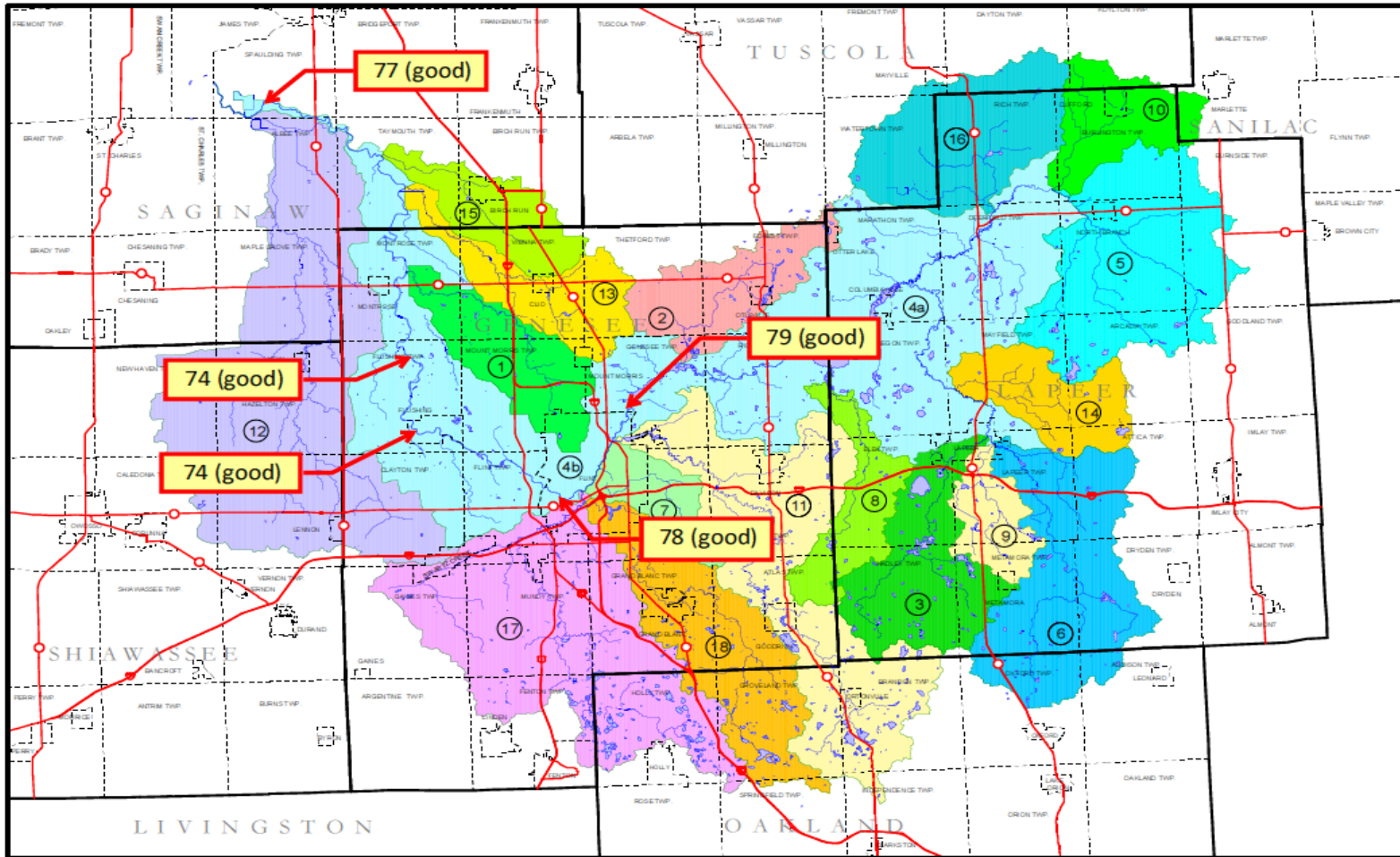
2 Estimated from O-Phosphate (4x)

3 Estimated from turbidity

4 Estimated by summing SS and TDS

5 Estimated from clarity

FLINT RIVER WATERSHED



SOURCES:
 Michigan Department of Natural Resources
 Michigan Resource Information System, 1978
 Michigan Department of Environmental Quality

SUBWATERSHEDS OF THE FLINT RIVER WATERSHED

