

<b>Subwatershed Name</b>	<b>Brent Run</b>	<b>Butternut Creek</b>	<b>Farmer's Creek</b>	<b>Flint R.</b>	<b>Flint R.</b>	<b>Flint. R. NB</b>
<b>Map Reference Number</b>	1	2	3	4a Upper Main	4b Lower Main	5
<b>(Revised 1/18/00)</b>				Channel	Channel	
<b>Subwatershed Area (square miles)</b>	38.15	37.55	52.5	183.31	114.53	86.45
<b>Counties</b>	1	1	3	3	2	1
<b>Townships</b>	5	7	6	16	9	7
<b>Cities</b>	2	1	1	4	3	0
<b>Villages</b>	0	1	1	2	1	1
<b>Dec. 6 Forum Participants</b>	0	2	2	4	4	0
<b>Water Quality Biomonitoring:</b>						
Spring 1999 Downstream	Good	Fair	Excellent	Good	N/A	Poor
Fall 1999 Downstream	Good	Poor	Fair	Good	Good	Fair
Fall 1999 Headwaters	Fair	N/A	Good	N/A	N/A	N/A
Dissolved Oxygen (1985 -1989)						
Chemical Oxygen Demand (1985 - 1989)						
Coliform Bacteria, Fecal (1985 - 1989)						
<b>Landuse Percentages</b>						
Residential	25	9	7	9	22	2
Forested	11	21	19	19	12	18
Wetlands	0.25	2.75	7.75	3.25	0.05	4.75
Commercial/Industrial	2.25	0.25	0.5	0.5	3.1	0.1
Agriculture	31	44	35	40	34	60
<b>Potential Non-Point Discharges</b>						
Toxic Release Inventory (TRI)-Total	1	0	1	7	8	1
Toxic Release Inventory (TRI)-Surface Water Discharge <sup>b</sup>	0	0	0	0	1	0
Total Maximum Daily Load (TMDL) Sites			1 <sup>c</sup>			1
Superfund Sites	0	1	0	0	0	0
Golf Courses	1	0	4	1	4	1
Leaking Underground Storage Tanks, LUSTs (in Flin <sup>f</sup> )	8	N/A	N/A	N/A	N/A	N/A
Sites of Environmental Contamination, 201 sites (in Flin <sup>a</sup> )	1	N/A	N/A	N/A	N/A	N/A
Landfills (in Flint) <sup>a</sup>	0	N/A	N/A	N/A	N/A	N/A
<b>Point Source Discharges</b>						
National Pollution Discharge Elimination System (NPDES) Sites						
Current	0	3	1	7	8	1
Expired (as of 10-1-99)	0	1	0	3	3	0
Municipal Storm Sewer Outfalls (in Flin <sup>a</sup> )	13	N/A	N/A			N/A
Illicit Storm Sewer Discharges, Suspected (in Flint) <sup>a</sup>	5	N/A	N/A			N/A
<b>Impoundments/Reservoirs</b>	1					
<b>Total River Distance in miles<sup>d</sup></b>	22.65	14.04	27.45	172.89	160.66	44.81
<b>Total Drain Distance in miles<sup>d</sup></b>	33.64	32.97	47.1	158.61	109.1	94.96
<b>Drain to River Ratio</b>	1.49	2.35	1.72	0.92	0.68	2.12
<sup>a</sup> Data Source: Brad Hill, City of Flint Water Pollution Contr						
<sup>b</sup> TRI Data Source: Environmental Protection Agency. 1988-199						
<sup>c</sup> Metamora drains include portions of three subwatershec						
<sup>d</sup> Calculated from MIRIS classification of "rivers" and "drains						
<sup>e</sup> MIRIS Data, 1978						

<b>Subwatershed Name</b>	<b>Flint R. SB</b>	<b>Gilkey Creek</b>	<b>Hasler Creek</b>	<b>Hunters Creek</b>	<b>Indian Creek</b>
<b>Map Reference Number</b>	6	7	8	9	10
<b>(Revised 1/18/00)</b>					
<b>Subwatershed Area (square miles)</b>	79.23	18.16	28.15	19.64	30.98
<b>Counties</b>	2	1	1	1	3
<b>Townships</b>	6	3	6	4	6
<b>Cities</b>	1	2	0	1	0
<b>Villages</b>	0	0	0	1	1
<b>Dec. 6 Forum Participants</b>	1	2	0	2	0
<b>Water Quality Biomonitoring:</b>					
Spring 1999 Downstream	Excellent	Fair	Good	N/A	N/A
Fall 1999 Downstream	Good	Poor	Fair	N/A	N/A
Fall 1999 Headwaters	N/A	N/A	Fair	N/A	N/A
Dissolved Oxygen (1985 -1989)		7.7			
Chemical Oxygen Demand (1985 - 1989)		60			
Coliform Bacteria, Fecal (1985 - 1989)		640			
<b>Landuse Percentages</b>					
Residential	4	39	6	5	1
Forested	20	3	21	16	9
Wetlands	6.25	0.25	5	7	5.5
Commercial/Industrial	0.2	10.6	0.2	0.7	0.2
Agriculture	39	11	44	33	68
<b>Potential Non-Point Discharges</b>					
Toxic Release Inventory (TRI)-Total	2	2	0	0	1
Toxic Release Inventory (TRI)-Surface Water Discharge <sup>b</sup>	0	0	0	0	0
Total Maximum Daily Load (TMDL) Sites	1 <sup>c</sup>			1 <sup>c</sup>	
Superfund Sites	0	1	0	0	0
Golf Courses	1	1	0	0	0
Leaking Underground Storage Tanks, LUSTs (in Flin <sup>f</sup>	N/A	25	N/A	N/A	N/A
Sites of Environmental Contamination, 201 sites (in Flin <sup>a</sup>	N/A	8	N/A	N/A	N/A
Landfills (in Flint) <sup>a</sup>	N/A	0	N/A	N/A	N/A
<b>Point Source Discharges</b>					
National Pollution Discharge Elimination System (NPDES) Sites					
Current	2	2	0	0	1
Expired (as of 10-1-99)	0	1	0	0	0
Municipal Storm Sewer Outfalls (in Flin <sup>a</sup>	N/A	62	N/A	N/A	N/A
Illicit Storm Sewer Discharges, Suspected (in Flint) <sup>a</sup>	N/A	6	N/A	N/A	N/A
<b>Impoundments/Reservoirs</b>					
<b>Total River Distance in miles<sup>d</sup></b>	45.52	26.41	13.27	17.03	18.48
<b>Total Drain Distance in miles<sup>d</sup></b>	4.77	8.94	24.11	7.49	42.22
<b>Drain to River Ratio</b>	0.10	0.34	1.82	0.44	2.28
<sup>a</sup> Data Source: Brad Hill, City of Flint Water Pollution Contr					
<sup>b</sup> TRI Data Source: Environmental Protection Agency. 1988-199					
<sup>c</sup> Metamora drains include portions of three subwatershec					
<sup>d</sup> Calculated from MIRIS classification of "rivers" and "drains					
<sup>e</sup> MIRIS Data, 1978					

<b>Subwatershed Name</b>	<b>Kearsley Creek</b>	<b>Misteguay Creek</b>	<b>Pine Run</b>	<b>Plum Creek</b>	<b>Silver Creek</b>
<b>Map Reference Number</b>	11	12	13	14	15
<b>(Revised 1/18/00)</b>					
<b>Subwatershed Area (square miles)</b>	114.79	174.45	34.71	32.21	28.73
<b>Counties</b>	2	3	2	1	2
<b>Townships</b>	11	11	8	4	5
<b>Cities</b>	3	1	2	0	1
<b>Villages</b>	1	3	0	0	1
<b>Dec. 6 Forum Participants</b>	1	0	2	0	0
<b>Water Quality Biomonitoring:</b>					
Spring 1999 Downstream	Fair	Good	Fair	Poor	N/A
Fall 1999 Downstream	Good	Poor	Good	Fair	N/A
Fall 1999 Headwaters	Fair	Fair	Fair	N/A	N/A
Dissolved Oxygen (1985 -1989)	9.2				
Chemical Oxygen Demand (1985 - 1989)	47.4				
Coliform Bacteria, Fecal (1985 - 1989)	95				
<b>Landuse Percentages</b>					
Residential	17	6	18	6	4
Forested	16	15	11	20	15
Wetlands	4.75	0.25	0.5	5.5	0.25
Commercial/Industrial	0.5	0.1	1	0.5	0.2
Agriculture	29	64	40	46	54
<b>Potential Non-Point Discharges</b>					
Toxic Release Inventory (TRI)-Total	2	0	2	2	0
Toxic Release Inventory (TRI)-Surface Water Discharge <sup>b</sup>	0	0	0	0	0
Total Maximum Daily Load (TMDL) Sites	2				1
Superfund Sites	0	0	0	0	0
Golf Courses	5	0	3	1	0
Leaking Underground Storage Tanks, LUSTs (in Flin <sup>f</sup> )	1	N/A	N/A	N/A	N/A
Sites of Environmental Contamination, 201 sites (in Flin <sup>a</sup> )	0	N/A	N/A	N/A	N/A
Landfills (in Flint) <sup>a</sup>	0	N/A	N/A	N/A	N/A
<b>Point Source Discharges</b>					
National Pollution Discharge Elimination System (NPDES) Sites					
Current	2	0	2	2	0
Expired (as of 10-1-99)	0	0	0	1	0
Municipal Storm Sewer Outfalls (in Flin <sup>a</sup> )	8	N/A	N/A	N/A	N/A
Illicit Storm Sewer Discharges, Suspected (in Flint) <sup>a</sup>	3	N/A	N/A	N/A	N/A
<b>Impoundments/Reservoirs</b>	4				
<b>Total River Distance in miles<sup>d</sup></b>	77.94	120.11	27.09	30.57	11.5
<b>Total Drain Distance in miles<sup>d</sup></b>	75.07	265.2	31.63	34.55	49.13
<b>Drain to River Ratio</b>	0.96	2.21	1.17	1.13	4.27
<sup>a</sup> Data Source: Brad Hill, City of Flint Water Pollution Contr					
<sup>b</sup> TRI Data Source: Environmental Protection Agency. 1988-199					
<sup>c</sup> Metamora drains include portions of three subwatershec					
<sup>d</sup> Calculated from MIRIS classification of "rivers" and "drains					
<sup>e</sup> MIRIS Data, 1978					

<b>Subwatershed Name</b>	<b>Squaw Creek</b>	<b>Swartz Creek</b>	<b>Thread Creek</b>
<b>Map Reference Number</b>	16	17	18
<b>(Revised 1/18/00)</b>			
<b>Subwatershed Area (square miles)</b>	60.7	129.93	66.22
<b>Counties</b>	2	2	1
<b>Townships</b>	8	10	5
<b>Cities</b>	0	6	2
<b>Villages</b>	1	0	1
<b>Dec. 6 Forum Participants</b>	0	10	5
<b>Water Quality Biomonitoring:</b>			
Spring 1999 Downstream	Poor	Fair	Fair
Fall 1999 Downstream	Poor	Poor	Fair
Fall 1999 Headwaters	Fair	Fair	Good
Dissolved Oxygen (1985 -1989)		10.4	10.3
Chemical Oxygen Demand (1985 - 1989)		56.1	61.7
Coliform Bacteria, Fecal (1985 - 1989)		899	555
<b>Landuse Percentages</b>			
Residential	1	15	16
Forested	12	13	14
Wetlands	6.25	3.75	5
Commercial/Industrial	0.03	2.7	3
Agriculture	70	35	25
<b>Potential Non-Point Discharges</b>			
Toxic Release Inventory (TRI)-Total	0	2	1
Toxic Release Inventory (TRI)-Surface Water Discharge <sup>b</sup>	0	2	0
Total Maximum Daily Load (TMDL) Sites			1
Superfund Sites	0	1	0
Golf Courses	1	4	5
Leaking Underground Storage Tanks, LUSTs (in Flin <sup>f</sup> )	N/A	3	15
Sites of Environmental Contamination, 201 sites (in Flin <sup>a</sup> )	N/A	2	4
Landfills (in Flint) <sup>a</sup>	N/A	0	0
<b>Point Source Discharges</b>			
National Pollution Discharge Elimination System (NPDES) Sites			
Current	0	2	1
Expired (as of 10-1-99)	0	1	0
Municipal Storm Sewer Outfalls (in Flin <sup>a</sup> )	N/A	48	60
Illicit Storm Sewer Discharges, Suspected (in Flin <sup>a</sup> )	N/A	11	12
<b>Impoundments/Reservoirs</b>			1
<b>Total River Distance in miles<sup>d</sup></b>	22.07	85.84	37.06
<b>Total Drain Distance in miles<sup>d</sup></b>	95.32	76.49	31.15
<b>Drain to River Ratio</b>	4.32	0.89	0.84
<sup>a</sup> Data Source: Brad Hill, City of Flint Water Pollution Contr			
<sup>b</sup> TRI Data Source: Environmental Protection Agency. 1988-199			
<sup>c</sup> Metamora drains include portions of three subwatershec			
<sup>d</sup> Calculated from MIRIS classification of "rivers" and "drains			
<sup>e</sup> MIRIS Data, 1978			