

**Lower Flint Survey Results
Flint River**

Responses to Survey
31 out of 150

7 returns

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	11	9	5	1	4	1
Better control soil erosion and limit sediments entering the water.	7	10	9		1	1
Improve habitat conditions for fish and wildlife in the water	8	12	6	4	2	1
Minimize excessive flows that cause flooding, bank erosion and habitat loss	6	8	9	2	3	1
Encourage investments in land along water for recreation/wildlife protection	7	4	5	5	5	1
Expand public education about the benefits of protecting the MFRW	8	5	7	5	1	1
Better control sources of fertilizer reaching the Watershed & the Great Lakes	11	7	6	3		1
Remove sources of human waste in the Watershed that threaten public health	23	4	2		2	1
Protect the quality and accessibility of drinking water (wells)	15	5	5		2	1
Increase community planning to address development & protection of water qual	7	8	6	3	4	

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>22</u>	How I can volunteer to help restore Watershed	<u>8</u>
Bacteria levels	<u>22</u>	How businesses can prevent pollution	<u>13</u>
Fish and wildlife	<u>20</u>	How homeowners can help prevent pollution	<u>15</u>
Parks and public recreation areas	<u>6</u>	Other	<u> </u>

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	<u>4</u>	Direct mailings to your home or business	<u>17</u>
Newspaper articles	<u>16</u>	Community newsletters	<u>10</u>
Cable TV	<u>3</u>	Other (specify) . EMAIL	<u> </u>
Web page	<u>4</u>		

**Lower Flint Survey Results
Armstrong**

Responses to Survey

12 out of 75

3 returned

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,

- Remove paper/trash/debris in the river and tributaries to improve its appearance
- Better control soil erosion and limit sediments entering the water.
- Improve habitat conditions for fish and wildlife in the water
- Minimize excessive flows that cause flooding, bank erosion and habitat loss
- Encourage investments in land along water for recreation/wildlife protection
- Expand public education about the benefits of protecting the MFRW
- Better control sources of fertilizer reaching the Watershed & the Great Lakes
- Remove sources of human waste in the Watershed that threaten public health
- Protect the quality and accessibility of drinking water (wells)
- Increase community planning to address development & protection of water qual

	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	6	1		2	1	
Better control soil erosion and limit sediments entering the water.	4	1	3	1	1	
Improve habitat conditions for fish and wildlife in the water	5		2	1	2	X(2)
Minimize excessive flows that cause flooding, bank erosion and habitat loss	3	4	2		1	
Encourage investments in land along water for recreation/wildlife protection	5	2	2		1	X(2)
Expand public education about the benefits of protecting the MFRW	3	4	1	1	1	
Better control sources of fertilizer reaching the Watershed & the Great Lakes	7	1			2	
Remove sources of human waste in the Watershed that threaten public health	9			1		X(2)
Protect the quality and accessibility of drinking water (wells)	8		1		1	
Increase community planning to address development & protection of water qual	3	5	1		1	

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>9</u>	How I can volunteer to help restore Watershed	<u> </u>
Bacteria levels	<u>9</u>	How businesses can prevent pollution	<u>7</u>
Fish and wildlife	<u>6</u>	How homeowners can help prevent pollution	<u>3</u>
Parks and public recreation areas	<u>5</u>	Other	<u> </u>
			<u> </u>
			<u> </u>

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	<u> </u>	Direct mailings to your home or business	<u>5</u>
Newspaper articles	<u>7</u>	Community newsletters	<u>3</u>
Cable TV	<u>4</u>	Other (specify) _____	
Web page	<u>2</u>		

**Lower Flint Survey Results
Brent Run**

Responses to Survey

10 out of 75

2 returned

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,

- Remove paper/trash/debris in the river and tributaries to improve its appearance
- Better control soil erosion and limit sediments entering the water.
- Improve habitat conditions for fish and wildlife in the water
- Minimize excessive flows that cause flooding, bank erosion and habitat loss
- Encourage investments in land along water for recreation/wildlife protection
- Expand public education about the benefits of protecting the MFRW
- Better control sources of fertilizer reaching the Watershed & the Great Lakes
- Remove sources of human waste in the Watershed that threaten public health
- Protect the quality and accessibility of drinking water (wells)
- Increase community planning to address development & protection of water qual

	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	3	2	4		1	
Better control soil erosion and limit sediments entering the water.	1	3	4	1	1	
Improve habitat conditions for fish and wildlife in the water	8		1		1	
Minimize excessive flows that cause flooding, bank erosion and habitat loss	4	4	1	1		
Encourage investments in land along water for recreation/wildlife protection	2	1	3	1	3	
Expand public education about the benefits of protecting the MFRW	2	2	2	2	2	
Better control sources of fertilizer reaching the Watershed & the Great Lakes	5	1	1	2	1	
Remove sources of human waste in the Watershed that threaten public health	8	1			1	
Protect the quality and accessibility of drinking water (wells)	9				1	
Increase community planning to address development & protection of water qual	3	4	2		1	

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>4</u>	How I can volunteer to help restore Watershed	<u>2</u>
Bacteria levels	<u>2</u>	How businesses can prevent pollution	<u>1</u>
Fish and wildlife	<u>3</u>	How homeowners can help prevent pollution	<u>4</u>
Parks and public recreation areas	<u>4</u>	Other	<u></u>

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	<u>2</u>	Direct mailings to your home or business	<u>4</u>
Newspaper articles	<u>7</u>	Community newsletters	<u>6</u>
Cable TV	<u>4</u>	Other (specify) . local news	<u>1</u>
Web page	<u>2</u>		

**Lower Flint Survey Results
Cole Creek**

Responses to Survey

4 out of 50

3 returns

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,

- Remove paper/trash/debris in the river and tributaries to improve its appearance
- Better control soil erosion and limit sediments entering the water.
- Improve habitat conditions for fish and wildlife in the water
- Minimize excessive flows that cause flooding, bank erosion and habitat loss
- Encourage investments in land along water for recreation/wildlife protection
- Expand public education about the benefits of protecting the MFRW
- Better control sources of fertilizer reaching the Watershed & the Great Lakes
- Remove sources of human waste in the Watershed that threaten public health
- Protect the quality and accessibility of drinking water (wells)
- Increase community planning to address development & protection of water qual

	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance		1	1	1		
Better control soil erosion and limit sediments entering the water.		2	1			
Improve habitat conditions for fish and wildlife in the water		1	1	1	1	
Minimize excessive flows that cause flooding, bank erosion and habitat loss	1	1				
Encourage investments in land along water for recreation/wildlife protection	1				1	
Expand public education about the benefits of protecting the MFRW				2		
Better control sources of fertilizer reaching the Watershed & the Great Lakes	1	1	1	1		
Remove sources of human waste in the Watershed that threaten public health	4					
Protect the quality and accessibility of drinking water (wells)	2		1			
Increase community planning to address development & protection of water qual			2			

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	4	How I can volunteer to help restore Watershed	1
Bacteria levels	3	How businesses can prevent pollution	
Fish and wildlife	4	How homeowners can help prevent pollution	3
Parks and public recreation areas	2	Other	

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops		Direct mailings to your home or business	2
Newspaper articles	1	Community newsletters	1
Cable TV	1	Other (specify) _____	
Web page			

**Lower Flint Survey Results
Pine Run**

Responses to Survey

8 out of 76

0 returns

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,

- Remove paper/trash/debris in the river and tributaries to improve its appearance
- Better control soil erosion and limit sediments entering the water.
- Improve habitat conditions for fish and wildlife in the water
- Minimize excessive flows that cause flooding, bank erosion and habitat loss
- Encourage investments in land along water for recreation/wildlife protection
- Expand public education about the benefits of protecting the MFRW
- Better control sources of fertilizer reaching the Watershed & the Great Lakes
- Remove sources of human waste in the Watershed that threaten public health
- Protect the quality and accessibility of drinking water (wells)
- Increase community planning to address development & protection of water qual

	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	2	4				
Better control soil erosion and limit sediments entering the water.		1	3	1	1	
Improve habitat conditions for fish and wildlife in the water	2	2	1	2		
Minimize excessive flows that cause flooding, bank erosion and habitat loss	3		1	1		
Encourage investments in land along water for recreation/wildlife protection			1	3	1	
Expand public education about the benefits of protecting the MFRW		1	3		1	
Better control sources of fertilizer reaching the Watershed & the Great Lakes	1	3	1		1	
Remove sources of human waste in the Watershed that threaten public health	5	1	1			
Protect the quality and accessibility of drinking water (wells)	6	1	1			
Increase community planning to address development & protection of water qual	1	2	1	1		

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>7</u>	How I can volunteer to help restore Watershed	<u>1</u>
Bacteria levels	<u>6</u>	How businesses can prevent pollution	<u>1</u>
Fish and wildlife	<u>5</u>	How homeowners can help prevent pollution	<u>2</u>
Parks and public recreation areas	<u>3</u>	Other	<u> </u>

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	<u> </u>	Direct mailings to your home or business	<u>8</u>
Newspaper articles	<u>2</u>	Community newsletters	<u>1</u>
Cable TV	<u> </u>	Other (specify) <u> </u>	<u> </u>
Web page	<u> </u>		

Lower Flint Survey Results
Random Sampling

Responses to Survey

10 out of 151

2 returns

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	3	2			2	
Better control soil erosion and limit sediments entering the water.	4		3			
Improve habitat conditions for fish and wildlife in the water	6			1		
Minimize excessive flows that cause flooding, bank erosion and habitat loss	3	2			3	
Encourage investments in land along water for recreation/wildlife protection	2	2			3	
Expand public education about the benefits of protecting the MFRW	4		2	1		
Better control sources of fertilizer reaching the Watershed & the Great Lakes	2	2	4			
Remove sources of human waste in the Watershed that threaten public health	5	2		1		
Protect the quality and accessibility of drinking water (wells)	5	3				
Increase community planning to address development & protection of water qual	1	3	2	2		

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	5	How I can volunteer to help restore Watershed	2
Bacteria levels	6	How businesses can prevent pollution	5
Fish and wildlife	5	How homeowners can help prevent pollution	5
Parks and public recreation areas	6	Other	

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	1	Direct mailings to your home or business	8
Newspaper articles	4	Community newsletters	2
Cable TV	2	Other (specify) . EMAIL	
Web page	4		

Lower Flint Survey Results
Totals 560 valid surveys

75 Responses to Survey

with 1 being most important and 5 being the least important:

Rank the following goals with a score of 1 to 5,	1	2	3	4	5	Did not rank
Remove paper/trash/debris in the river and tributaries to improve its appearance	25	19	10	4	8	1
Better control soil erosion and limit sediments entering the water.	16	17	23	3	4	1
Improve habitat conditions for fish and wildlife in the water	29	15	11	9	6	3
Minimize excessive flows that cause flooding, bank erosion and habitat loss	20	19	13	4	7	1
Encourage investments in land along water for recreation/wildlife protection	17	9	11	9	14	3
Expand public education about the benefits of protecting the MFRW	17	12	15	11	5	1
Better control sources of fertilizer reaching the Watershed & the Great Lakes	27	15	13	6	4	1
Remove sources of human waste in the Watershed that threaten public health	54	8	3	2	3	3
Protect the quality and accessibility of drinking water (wells)	45	9	8	0	4	1
Increase community planning to address development & protection of water qual	15	22	14	6	6	0

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

What issues concerning the management of the Lower Flint River Watershed are most important to you?

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

What types of information about the Lower Flint Watershed interest you most? (Check as many as apply)

Water quality	51	How I can volunteer to help restore Watershed	14
Bacteria levels	48	How businesses can prevent pollution	27
Fish and wildlife	43	How homeowners can help prevent pollution	32
Parks and public recreation areas	26	Other	

Which of the following is the best approach to keep you informed regarding the progress in developing a plan to restore the Lower Flint River Watershed?

Public meetings/workshops	7	Direct mailings to your home or business	44
Newspaper articles	47	Community newsletters	23
Cable TV	14	Other (specify) . local news	1
Web page	12		

577 Survey's were sent out, of those 17 were returned as undeliverable.

There was a 13+% response to the survey overall

Are there any other goals that you feel should be included in this list? Please indicate any additional goals you would like to see added. How would you rank them from 1 (most important) to 5 (least important)?

(LF) Removal of old, polluted sediments in key areas of the river - fishing sites, boat launches, etc.

(LF) Trash removal from islands in the river

(LF) Restoring the river to a more natural state-no concrete troughs and sluices, rather natural flood plains for slower absorption of rainwater/run-offs.

(LF) Allowing bureaucracy to maintain our rivers quality will create a major mess - just educate out citizenry.

(LF) Allow high schools and townships to handle their own sections of the river in cleaning up debris.

(LF) I would like to build a water wheel and deck area but don't dare because I don't know what the bureaucrats will penalize me with.

(LF) Protect watershed from landfill leachate.

(LF) Restore salmon - don't try to take private land for recreation.

(LF) Build a small dam to back the water up for recreation like Chesaning did.

(LF)(2) City and corporate discharges into the river.

(LF)(3) Control or stop the overflow at the wastewater treatment plants every time it rains hard.

(LF)(2) Control industrial and farm runoff into the watershed.

(LF) Expand the walks.

(LF) Benches for sitting.

(LF) Clean up trash at least 100 ft. back from the bank. Our neighbor regularly dumps trash along the river bank in Mt. Morris Township - River Road. We have called the township about this problem Clean-up is temporary.

(LF) The banks of the river have washed away about 2' this year because water runs so fast and high caused by the dikes in Saginaw County. Get rid of high dikes so water can spread out and slow down. Remember mother nature knows best.

(LF) Environment should be considered much more important in people's minds. Education about what we are all doing to our rivers and lakes.

(AD) #1 Enforce and enact rules, regulations, laws that are already in place.

(AD) Protect from builders filling in a natural drain of land that causes flooding on nearby neighbors.

This fill has spilled into my pond and then into Armstrong Creek which dumps into the Flint River.

(AD) We have to do something about the sewage overflow at the waste facilities.

(AD) Cleaning ditches and creeks.

(AD) Creating a program to have people volunteer to check erosion and habitat loss.

(AD) Eliminate re-routing of creeks and waterways for sewer installation.

(AD) Better monitoring of homeowner pond locations and their effect on existing waterways.

(BR) Eliminate the sewage plant overflows.

- (BR) Removal of dead trees and other trash.
- (BR) Provide culverts for land-locked property at 3373 W. Mt. Morris Rd.
- (PR) Pollution of our streams and rivers.
- (PR) New builds/parking lot reservoir
- (PR) The source of human waste into the watershed must be removed. It must not and will not be tolerated. I am surprised that we have not been sued by the people who live downriver We have no right to dump our sewer water in their frontyard.
- (RAN) Receive water from a river in Canada.
- (RAN) Control run off at landfills.
- (RAN) Declare the "Public Agencies Responsible for Management"

What issues concerning the management of the Lower Flint River Watershed are most important to you?

- (LF)(2) Human waste in the river
- (LF)(4) Water quality, riverbank and island appearance.
- (LF) The river is a pretty river when floating in it, but looking at all the trash is an eyesore
- (LF)(3) Removing trash and debris in and along the river and also protecting the land for parks and recreation.
- (LF) Preserving and improving access for the general public-parks, green areas, etc.
- (LF) Cleanliness and flood control for Genesee County.
- (LF)(2) Protection of the environment. Access to land for hunting and fishing.
- (LF) Let private land stay private land!
- (LF) The DNR has too much power and costs us too much money for just a lot of strong armed tactics.
- (LF) Please do not allow development (residential or industrial) in our watershed. Watersheds serve a purpose.
- (LF) Water quality for wells.
- (LF) That my own backyard doesn't flood near my house due to a change elsewhere!
- (LF) Don't feel that I am well enough versed in these problems to comment.
- (AD)(2) Clear, clean water
- (AD)(2) Less pollution of river.
- (AD) Fishing
- (BR) Protect well water.
- (BR)(2) Sewage overflows
- (BR) The culvert
- (BR) I personally like to fish the river, so contamination issues are most important to me.
- (CC) Minimizing excessive flooding
- (CC) Drink water wells; clean rivers.
- (CC) What are the costs? How is progress measured? What are levels of pollutants and how is this data obtained?
- (CC) Clean, safe water. Increase in recreational use.
- (PR) Farmers drawing on streams, making them dry in summer.

- (PR)(2) Flood control in Pine Run Creek.
- (PR) Control pollution and clean up river.
- (PR) Sewage spills
- (PR) The mismanagement at our sewer treatment must be stopped. I believe that most overflows are a result of negligence.
- (RAN) This is very important.
- (RAN) Minimize flooding.
- (RAN) Storm water on local streets.
- (RAN) Make the river, creek and or wetland property owners aware of their responsibilities!

What is the single most important improvement to the Watershed and its tributaries that you would like to see?

- (LF)(3) No waste in the river
- (LF)(3) Water quality
- (LF)(2) Trash removal
- (LF) Minimize excessive flows that cause flooding, bank erosion and habitat loss
- (LF) Better access to the DNR for use of the river in the area of personal renovations for my portion without legal ramifications.
I.e. they don't answer their phone.
- (LF) Encourage investment in land for recreation/wildlife.
- (LF) Cleaner water - no spills - planting of fish.
- (LF) Let nature take it's course from the source to the mouth. Get message to all citizens.
- (LF) Protection of wetlands!
- (LF) Preventing fertilizer sources reaching the watersheds and Great Lakes.
- (LF)(2) Improvements in waste water treatment plants to prevent spills into the watershed.
- (LF) Lowering e-coli levels.
- (LF) Feel all is going as well as could be.
- (LF) Preventing waste/pollution
- (AD) Stop dumping human waste and wash water directly into the water.
- (AD) Better water quality.
- (AD) Flooding wildlife habitat
- (AD) Eliminate "accidental" dumping of human waste from sewage treatment plants.
- (BR) Total river clean up.
- (BR) I need a culvert to my land-locked property.
- (BR) Removal of human waste sources.
- (BR) Eliminate dumping sewage into rivers during heavy rains.
- (BR) More pollution control and clean up of past pollution.
- (CC) Level of pollution, nitrates, fecal coli
- (PR)(2) Contamination.
- (PR)(2) Minimize flooding.

(PR) Improve habitat conditions.

(PR) Fertilizer run off.

(PR) Relocate all wastewater treatment plants away from all tributaries so that excessive flows cannot reach them.

There seems to be no accountability to these spills, although I understand that they have been fewer in number lately.

(RAN) Cleaning of the Flint River. Keep it clean all the time, Put fish and other animals in it.

(RAN) Improve the water quality.

(RAN) I am very south of the point of most pollution. Seems most problems are north of I-69.