

**Middle Flint Survey Results
Kearsley Creek**

Responses to Survey

25

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	9	2	4	4	2	2
Better control soil erosion and limit sediments entering the water.	2	6	9	1	3	1
Improve habitat conditions for fish and wildlife in the water	6	7	5	1	1	2
Minimize excessive flows that cause flooding, bank erosion and habitat loss	8	4	6	2	1	1
Encourage investments in land along water for recreation/wildlife protection	5	4	2	4	5	
Expand public education about the benefits of protecting the MFRW	4	4	4	2	6	1
Better control sources of fertilizer reaching the Watershed & the Great Lakes	7	5	6	1	1	2
Remove sources of human waste in the Watershed that threaten public health	14	3		1	3	3
Protect the quality and accessibility of drinking water (wells)	12	4	2		3	1
Increase community planning to address development & protection of water qual	5	8	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 Middle 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 Middle Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>17</u>	How I can volunteer to help restore Watershed	<u>5</u>
Bacteria levels	<u>13</u>	How businesses can prevent pollution	<u>8</u>
Fish and wildlife	<u>11</u>	How homeowners can help prevent pollution	<u>6</u>
Parks and public recreation areas	<u>5</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 Middle Flint River Watershed?

Public meetings/workshops	<u>5</u>	Direct mailings to your home or business	<u>12</u>
Newspaper articles	<u>9</u>	Community newsletters	<u>3</u>
Cable TV	<u>2</u>	Other (specify) . EMAIL	<u>1</u>
Web page	<u>4</u>		

**Middle Flint Survey Results
Thread Creek**

Responses to Survey

18

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	5	1	2	2
Better control soil erosion and limit sediments entering the water.	1	6	5	2		2
Improve habitat conditions for fish and wildlife in the water	4	3	1	5		2
Minimize excessive flows that cause flooding, bank erosion and habitat loss	2	5	5	3		2
Encourage investments in land along water for recreation/wildlife protection	1	2	4	3	4	1
Expand public education about the benefits of protecting the MFRW	2	4	5	3		2
Better control sources of fertilizer reaching the Watershed & the Great Lakes	2	6	2	3	1	2
Remove sources of human waste in the Watershed that threaten public health	10	1		2	2	2
Protect the quality and accessibility of drinking water (wells)	9	2			3	2
Increase community planning to address development & protection of water qual	3	5	3	3	1	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 Middle 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 Middle Flint Watershed interest you most? (Check as many as apply)

Water quality	<u>14</u>	How I can volunteer to help restore Watershed	<u>3</u>
Bacteria levels	<u>12</u>	How businesses can prevent pollution	<u>4</u>
Fish and wildlife	<u>6</u>	How homeowners can help prevent pollution	<u>8</u>
Parks and public recreation areas	<u>5</u>	Other	
		Flooding	<u>1</u>
		insect control	<u>1</u>
		Stream bank restoration	<u>1</u>

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

Public meetings/workshops	<u>2</u>	Direct mailings to your home or business	<u>10</u>
Newspaper articles	<u>10</u>	Community newsletters	<u></u>
Cable TV	<u>3</u>	Other (specify)	<u></u>
Web page	<u>2</u>		

**Middle Flint Survey Results
Swartz Creek**

Responses to Survey

17

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	8	1	3		2	
Better control soil erosion and limit sediments entering the water.	6	3	4	1		
Improve habitat conditions for fish and wildlife in the water	2	6	3	3	1	
Minimize excessive flows that cause flooding, bank erosion and habitat loss	6	3	5	1		
Encourage investments in land along water for recreation/wildlife protection	1	3	4	3	3	
Expand public education about the benefits of protecting the MFRW	4	2	5	1	2	
Better control sources of fertilizer reaching the Watershed & the Great Lakes	5	5	3		1	
Remove sources of human waste in the Watershed that threaten public health	16					
Protect the quality and accessibility of drinking water (wells)	16	1		1		
Increase community planning to address development & protection of water qual	5	3	4		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 Middle 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 Middle Flint Watershed interest you most? (Check as many as apply)

Water quality	14	How I can volunteer to help restore Watershed	3
Bacteria levels	9	How businesses can prevent pollution	4
Fish and wildlife	4	How homeowners can help prevent pollution	7
Parks and public recreation areas	4	Other	

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

Public meetings/workshops	3	Direct mailings to your home or business	7
Newspaper articles	6	Community newsletters	5
Cable TV	5	Other (specify) _____	
Web page	1		

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	4	4	3		2	1
Better control soil erosion and limit sediments entering the water.	2	2	2	1	3	1
Improve habitat conditions for fish and wildlife in the water	5	1	2	3	2	1
Minimize excessive flows that cause flooding, bank erosion and habitat loss	3	2	4	1	2	1
Encourage investments in land along water for recreation/wildlife protection	1	5	2		3	1
Expand public education about the benefits of protecting the MFRW	2	2	3	1	2	1
Better control sources of fertilizer reaching the Watershed & the Great Lakes	7	1	1	1	1	1
Remove sources of human waste in the Watershed that threaten public health	10	1			1	1
Protect the quality and accessibility of drinking water (wells)	10	1			1	1
Increase community planning to address development & protection of water qual	2	6	1	1	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 Middle 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 Middle Flint Watershed interest you most? (Check as many as apply)

Water quality	12	How I can volunteer to help restore Watershed	3
Bacteria levels	9	How businesses can prevent pollution	8
Fish and wildlife	9	How homeowners can help prevent pollution	7
Parks and public recreation areas	3	Other	

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

Public meetings/workshops		Direct mailings to your home or business	6
Newspaper articles	4	Community newsletters	2
Cable TV	3	Other (specify) . EMAIL	1
Web page	3		

**Middle Flint Survey Results
Totals**

Responses to Survey

73

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	27	8	15	5	8	5
Better control soil erosion and limit sediments entering the water.	11	17	20	5	6	4
Improve habitat conditions for fish and wildlife in the water	17	17	11	12	4	5
Minimize excessive flows that cause flooding, bank erosion and habitat loss	19	14	20	7	3	4
Encourage investments in land along water for recreation/wildlife protection	8	14	12	10	15	2
Expand public education about the benefits of protecting the MFRW	12	12	17	7	10	4
Better control sources of fertilizer reaching the Watershed & the Great Lakes	21	17	12	5	4	5
Remove sources of human waste in the Watershed that threaten public health	50	5	0	3	6	6
Protect the quality and accessibility of drinking water (wells)	47	8	2	1	7	4
Increase community planning to address development & protection of water qual	15	22	11	8	3	3

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 Middle 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 Middle Flint Watershed interest you most? (Check as many as apply)

Water quality	57	How I can volunteer to help restore Watershed	14
Bacteria levels	43	How businesses can prevent pollution	24
Fish and wildlife	30	How homeowners can help prevent pollution	28
Parks and public recreation areas	17	Other	1

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

Public meetings/workshops	5	Direct mailings to your home or business	25
Newspaper articles	13	Community newsletters	20
Cable TV	5	Other (specify) . EMAIL	2
Web page	7		

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)?

- (K) [2] Remove windfall trees so communitities can enjoy recreational activities (Canoeing)
- (K) [1] Allow Kearsley Creek to flow freely, and not hamper its flow with an outdated dam.
- (K) Stop homeowners and businesses from polluting Rivers and Tributaries.
- (K) [1] There is an old bridge (The old M15) that is about to fall into the river. If this happens, the river will be blocked!
- (K) [3] Create access and opportunities for people to canoe /fish/swim in the watershed.
- (K) [3] School education- develop program packets for teachers to use in classrooms.
- (K) [3] 1 Teacher mentally impared adults workshills (recycling is big part) & Basic office skills. Do you have simple tasks for us?
- (K) I'm not familiar with this program because I live in Atlas Twp., but I'm concerned about water quality... Anywhere
- (K) I believe there should be a moritorium on building in Genesee County until all standards are brought up. No more overflows of raw sewage
No more overflows of raw sewage, basement backups, Etc.. While I realize that this would hurt in the short run, growth would be
Better in the long run and quality could then be maintained.
- (K) Controle the toxins entering the water, clean up the river.
- (R) [1] Impose fines for those who throw rubbish into the water.
- (R) Keep my property taxes down!
- (S) Promote the Flint Watershed as a world class walleye fisherie in order to bring fisherman \$ to the area
- (S) Do not have City water. We have well water
- (S) Excessive planned residential building
- (S) There is no plan for excess drain capacity that will drain twards watershed of creeks, causing flooding for all.
- (T) [1] Clear Flint River and (Thread Cr) tributaries of debris and blockage to maximize the flow and runoff after heavy rainfall
- (T) [1] Strive fot clean shallow streams with _____
- (T) [1] Let the community know that anything they do to jepardize the _____ will be delt with strickly
- (T) [1] Get rid of pockets of standing water (Mosquito breeding ground).
Especially poorly pitched roadside ditches, and Holding Basins. If a mowe gets stuck then it's poor drainage.
- (T) [1] Stop Gravel companies/ others from disrupting the natural balance of the water.
- (T) [1] Improve communication of water health. IE River/ Watershed/tributaries to the public.
- (T) [2/3] Increase community involvment in the improvement of watershed health
- (T) [5] Establish river and stream bank buffers with natural vegetation
- (T) [5] Use local ordinances to mandate vegetative buffer strips. Establish a native plant buffer along the watercourse
in a public place so citizens can see how this process/ technique works

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

- (K) Cleanliness
- (K) Crossing Kip Road south of Goodrich is Kearsley Creek. The Creek is so clean that Trout live in it, need I say more?
- (K) Ways home owners that live on the creeks/Rivers can lesson bank erosion and plan for flood protection.
- (K) Flooding
- (K) Protect quality of drinking water wells- controle source of fertilizer reaching the watershed.

- (K) Appearance and Toxicity
- (K) Remove Debris
- (K) Creating a clean healthy ecosystem that benefits the community & the water purity in the Great Lakes.
- (K) Expand Public Education
- (K) keeping it natural- Removing the effects of humans. Minimizing flooding that can damage homesteads.
- (K) Cleanliness of the River and wildlife around it.
- (K) Bank erosion
- (K) Water quality
- (R) Clean pure water
- (R) Protecting the environment and improving habitat conditions for wildlife.
- (S) A continuing negative image of the Flint watershed. Need a paradigm change.
- (S) Protect the quality and accessibility of drinking water (wells)
- (S) Remove sources of Human waste in the watershed that threaten public health
- (S) Good Drinking water
- (S) Flooding and waste water
- (T) Pure water is a vital necessity and a good river is a great asset to a community for health, social, recreational and business uses.
- (T) Flooding
- (T) New construction management/development in the area

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

- (K) Cleanliness
- (K) Control what goes into the waters and what hampers its flow.
- (K) Removal of old M15 Bridge.
- (K) Clean the tree limbs from Kearsley Creek as it enters the newly built Davison Road Bridge.
- (K) Prevent sources of fertilizer & other contaminants from reaching the watershed.
- (K) A clean watershed that supports habitats for ducks, fish, reptiles, invertebrates, insects, flora & Etc...
- (K) Improve Habitats conditions
- (K) Improve habitat for fish and wildlife
- (K) clean it up, Keep environmental pollutants from the river and groundwater
- (K) Control level
- (K) Clean water
- (K) The dumping of leaves and lawn debris in the water way areas by homeowners
- (R) Clean out Debris- Limbs, trees from the river.
- (R) Water quality guaranteed
- (R) Remove human waste **(2)**
- (R) Improve habitat conditions for wildlife & fish.
- (R) Quality of drinking water
- (R) Remove source of Human waste in the watershed that threaten public health

- (S) reduction of e. coli contamination
- (S) Improve water quality and fish/wildlife habitat. **(2)**
- (S) Remove sources of Human waste in the watershed that threaten public health **(3)**
- (S) Stop all unfiltered industrial wastes from entering the River
- (S) Pollution - (fertilizer/ manure) & Manufacturing
- (S) Flood prevention
- (T) Minimize flooding and sewer backup
- (T) Maintain safe drinking water
- (T) #4: Minimize excessive flows that cause flooding, bank erosion and habitat loss
- (T) Controlling the flooding. Remove beaver dams on thread creek that cause my yard to flood
- (T) continual improvement. Don't let issues stagnate. Keep the movement toward improvement going.

600 Survey's were sent out, of those 9 were returned as undeliverable.

There was a 12.4% response to the survey overall