
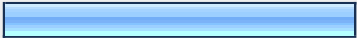
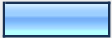
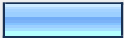




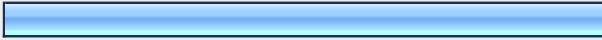


Duluth: Lakeside Stormwater Reduction Project

1. Do you know if a stream runs near your neighborhood?			Response Percent	Response Count
Yes			46.8%	29
No			38.7%	24
Not sure			11.3%	7
Other			12.9%	8
			<i>answered question</i>	62
			<i>skipped question</i>	0




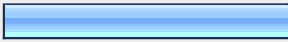
2. What is the name of the stream in your neighborhood?		Response Count
		38
		<i>answered question</i>
		38
		<i>skipped question</i>
		24

3. We're going to ask some questions about stormwater. If you are familiar with the term "stormwater," can you describe what it means to you? Allow respondent to reply. If answer is incorrect, give correct answer before proceeding: 'Rainwater is called stormwater after it lands on the ground.'		Response Count
		58
		<i>answered question</i>
		58
		<i>skipped question</i>
		4




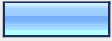
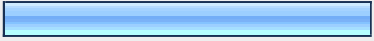
4. When stormwater runs off people's lots, where does it go? Check all that apply

		Response Percent	Response Count
a. Other peoples' properties		38.7%	24
b. The street		53.2%	33
c. Storm drains		66.1%	41
c. Not sure		3.2%	2
d. Other		51.6%	32
		<i>answered question</i>	62
		<i>skipped question</i>	0

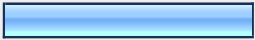


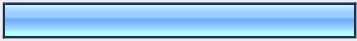



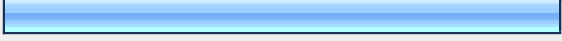
5. Have you noticed too much rain water in the streets after a heavy storm?

		Response Percent	Response Count
Yes		55.7%	34
No		42.6%	26
Not sure		1.6%	1
Other		31.1%	19
		<i>answered question</i>	61
		<i>skipped question</i>	1

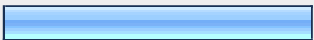



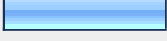
6. What do you think happens to stormwater that runs into the storm drain on your street? Check all that apply

		Response Percent	Response Count
a. It goes to the creek		21.0%	13
b. It goes to Lake Superior		75.8%	47
c. It goes to a wastewater treatment plant		19.4%	12
d. Not sure		11.3%	7
e. Other (write in response)		40.3%	25
		answered question	62
		skipped question	0

7. Where do you think too much stormwater can cause problems? Check all that apply

		Response Percent	Response Count
a. On my property		27.4%	17
b. On neighbors' properties		40.3%	25
c. In Amity Creek		27.4%	17
d. In Lake Superior		38.7%	24
e. All of the above		22.6%	14
f. Not sure		9.7%	6
g. I don't think that it causes a problem		6.5%	4
h. Other		61.3%	38
		answered question	62
		skipped question	0


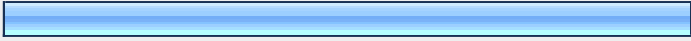
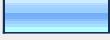

8. Whose job is it to manage stormwater flowing onto and off of your property?

		Response Percent	Response Count
a. The City		33.9%	21
b. The property owner		32.3%	20
c. Both a. and b.		33.9%	21
d. Not sure		4.8%	3
e. Other		17.7%	11
		answered question	62
		skipped question	0

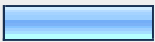



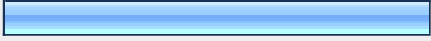
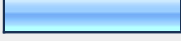


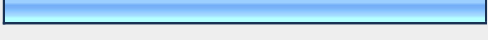

9. We're trying to find out if people know the difference between stormwater and sanitary sewer water. Can you describe sanitary sewer water? MCC will read correct answer: Sanitary water is what we used to call raw sewage. It's the water that is collected by toilets, sinks, showers, laundry drains, homes and businesses. It also includes waste water from paper mills and factories. It all drains to the wastewater treatment plant called WLSSD (Western Lake Superior Sanitary District). It treats the water before discharging it into the harbor near Blatnik Bridge at 27th Avenue West.

		Response Count
		59
		answered question
		59
		skipped question
		3

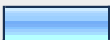
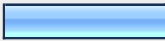

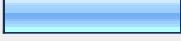
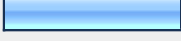
10. Do you think stormwater and sanitary sewer water go through the SAME treatment process, or are they treated DIFFERENTLY?

		Response Percent	Response Count
a. Same		11.3%	7
b. Different		75.8%	47
c. Not sure		11.3%	7
d. Other		14.5%	9
		answered question	62
		skipped question	0

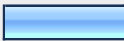



11. Where have you heard about local stormwater issues? Check all that apply

		Response Percent	Response Count
a. Public service announcements		16.1%	10
b. TV news or weather		61.3%	38
c. Streamline (the Newsletter for Lester-Amity Creek residents)		1.6%	1
d. Internet or website		4.8%	3
e. Newspaper articles		46.8%	29
f. Flier in utility bill		19.4%	12
g. Sign or billboard		1.6%	1
h. Rex the Watershed Dog		4.8%	3
i. Other		53.2%	33
j. Not sure that I have heard about stormwater		9.7%	6
		answered question	62
		skipped question	0


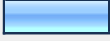


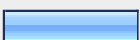
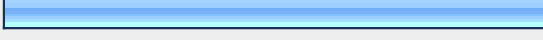
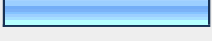
12. Do you know how your stormwater utility fees are used?

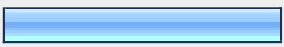
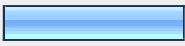
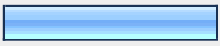




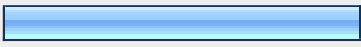
		Response Percent	Response Count
a. Yes		11.3%	7
b. If yes, how? (open-ended)		17.7%	11
c. No		58.1%	36
d. Not sure		19.4%	12
e. Other (open-ended)		19.4%	12
		answered question	62
		skipped question	0

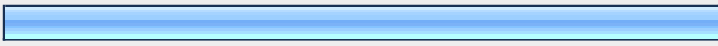
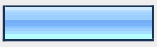


13. Are you aware that muddiness and erosion in Amity Creek have caused it to be placed on a state list of "impaired" streams? After responding, interviewer to show respondent the TMDL map, and say: An impaired listing requires that the municipality must develop a plan to improve its water quality.

		Response Percent	Response Count
a. Yes		13.1%	8
b. No		83.6%	51
c. Not sure		1.6%	1
d. Other (open-ended)		8.2%	5
		answered question	61
		skipped question	1



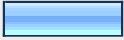

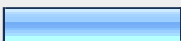
14. Have you ever done anything to manage stormwater on your property? Check all that apply

		Response Percent	Response Count
a. Sump pump		66.1%	41
b. Rain barrel		11.3%	7
c. Rain garden		4.8%	3
d. Landscaping to manage stormwater		32.3%	20
e. Native plants		14.5%	9
f. Other (open-ended)		59.7%	37
g. No		22.6%	14
		answered question	62
		skipped question	0

15. What prevents you from managing stormwater on your property? Check all that apply			Response Percent	Response Count
a. Stormwater is not a problem on my lot			30.4%	17
b. I'm not aware of any information that would help me			19.6%	11
c. I'm not sure what to do			23.2%	13
d. There's a cost involved			21.4%	12
e. My physical ability limits me			1.8%	1
f. I haven't had time			7.1%	4
g. Don't know			8.9%	5
h. Other (open-ended)			39.3%	22
			answered question	56
			skipped question	6

16. The University of Minnesota Duluth and the City are working together to study stormwater problems in this neighborhood. Are you interested in learning more about this?			Response Percent	Response Count
a. Yes			79.0%	49
b. No			16.1%	10
c. Not sure			4.8%	3
d. Other			6.5%	4
			answered question	62
			skipped question	0

17. If the costs and effort were mostly covered, would you be willing to try something to manage stormwater (such as a rain garden or rain barrel) on your property?

		Response Percent	Response Count
a. Yes		62.9%	39
b. Maybe, but I'd like to learn more about it		21.0%	13
c. No		12.9%	8
d. Not sure		1.6%	1
e. Other (open-ended)		19.4%	12
		answered question	62
		skipped question	0

18. Note any observations or comments here:

		Response Count
		31
		answered question
		31
		skipped question
		31

19. What is the respondent's address?

		Response Count
		62
		answered question
		62
		skipped question
		0