Stormwater in your Neighborhood

Preliminary Results of the Stakeholder Survey

General Statistics:

Total Forms Submitted 87

Total Damage from Flooding \$14,850

Average Damage from Flooding \$170

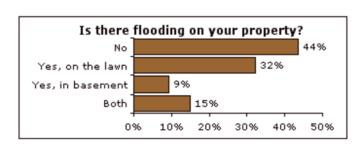
Max Damage from Flooding \$4,000

Expected a problem 5%

Have flood insurance 5%



1.



2. Have you incurred any property damage or losses because of flooding?

No - 78%
Yes - 17%
(Approximately how much was the total damage? \$\$ 170
How many times? 19 times)

3. Did you expect flooding to be a problem when you were purchasing the property?

Yes - 5%No - 95%

4. Did you purchase flood insurance?

 $^{\circ}$ Yes - 5% $^{\circ}$ No - 80% $^{\circ}$ Was not offered, or not available - 9% $^{\circ}$ Don't know

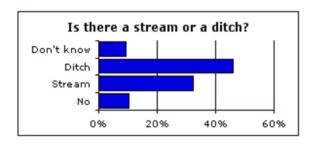
5. Do you have a basement drain?

- Yes 24%
 - No 56%
- Don't know 17%

6. Where does the water from your roof drain go?

- Drains into my lawn 69%
- Drains onto a paved area 6%
- Drains into a pipe to the waterway 2%
- All the above 21%
- Don't know

7.



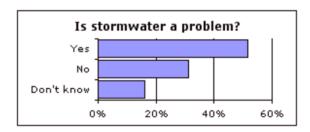
8. If "YES" how far away is it from your property?

- Right next to it 29%
- On the average 163 feet away
- On the average 7 houses
- 17%

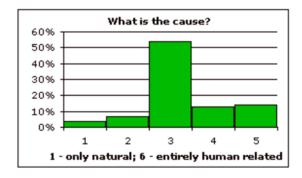
away - 22%

Don't know - 16%

9.

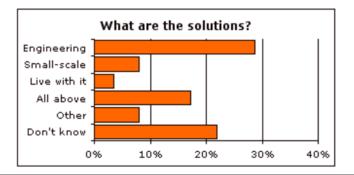


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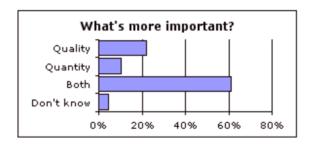


11. What do you think is the best way to prevent flooding in your

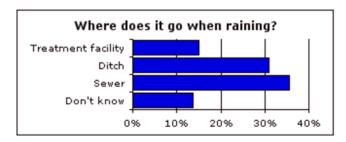
neighborhood?



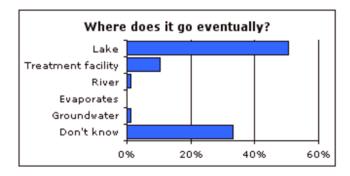
12. When we talk about stormwater management, what do you think is more important?



13. When it rains in your neighborhood where does most of the water runoff go?



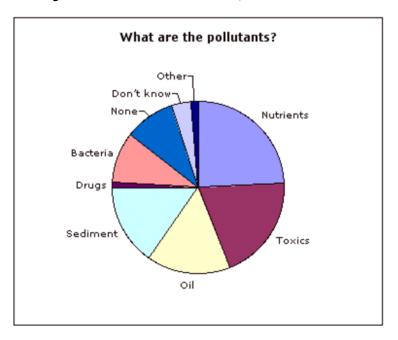
14. The water collected from your neighborhood eventually goes to...



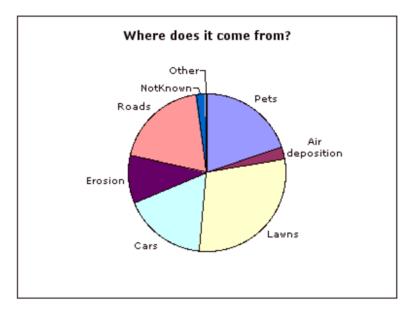
15. As stormwater moves through your neighborhood its quality will...

 $^{\circ}$...improve - 0% $^{\circ}$...get worse - 64% $^{\circ}$...stay the same - 11% $^{\circ}$ Don't know - 21%

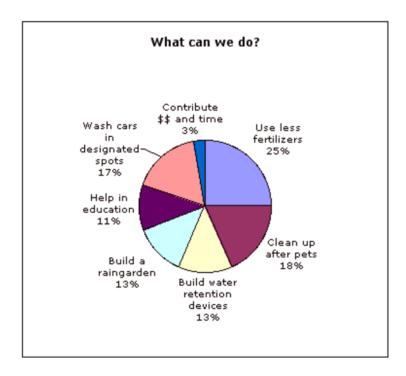
16. What types of pollutants does your neighborhood contribute to stormwater? (You may click more than one)



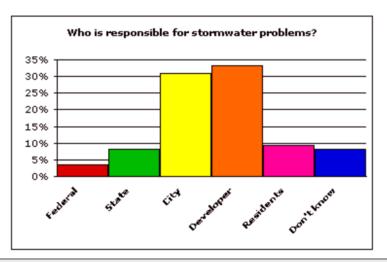
17. What are the main sources of stormwater pollutants in your neighborhood? (You may click more than one)



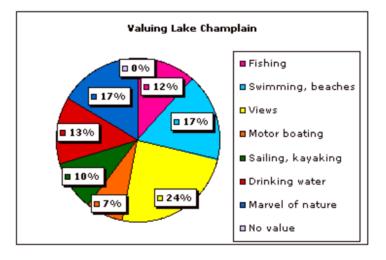
18. If you think that stormwater quality is a problem in your neighborhood, what would you be willing to do to fix the problem? (You may click more than one)



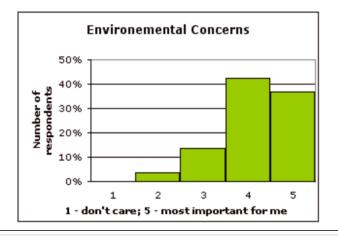
19. If stormwater is a problem in your neighborhood, who do you think has primary responsibility for fixing the problem?



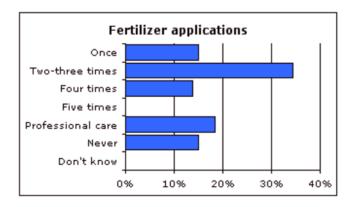
20. What do you value Lake Champlain for? (You may click more than one)



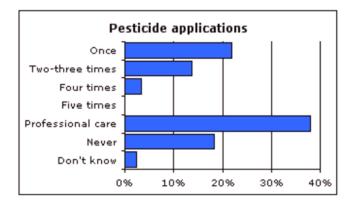
21. How important are environmental issues to you on a scale from 1 (do not care at all) to 5 (this is the most important issue for today)?



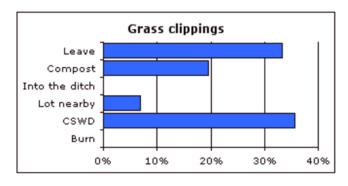
- 22. Finally a few questions about your household behavioral patterns:
- a. During the growing season, how often do you use lawn fertilizers?



b. During the growing season, how often do you use pesticides/herbicides?



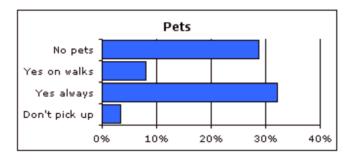
c. Where do you dispose of your yard waste and grass clippings?



d. Have you ever had a soil test done on your soil?

Yes - 14%No - 77%Don't know - 6%

e. Do you normally pick up waste after your pet?



23. Comments (any other suggestions, recommendations, concerns):

"Our neighborhood seems to care a lot about lawn appearances. Some form of education would be needed to address the lawn appearance issue with options that do not pollute the environment."

"We need a pesticide ban townwide. Need a more global parameter. At individual level we do not see results of cumulative impact, therefore we do not care"

"Residents should only have one cat or dog that evacuates outside, and they should clean up the feces. Licensing fees should be increased to \$75 and the proceeds to fund enforcement efforts to warn and then heavily fine violators who do not pick up feces. This is disgusting and an

environmental disaster. Also some composting and organic gardening - see gardensalive.com"

"Too much pet waste in development. Should advise pet owners of risks, consequences (i.e. e-coli and children). I would impose fines on those who do not pick up after pets."

"The big problem in our neighborhood is the storm sewer that runs under Mill Pond lane. It is obvious from the stench that at least one house on the street has a house-sewer line that runs off into the storm sewer. This storm sewer drains into Potash Brook! The town has done preliminary investigation but has shelved the matter."

"Pet droppings are a huge problem throughout the area and should be addressed."

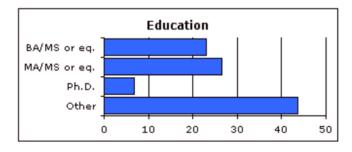
"Make sure concentrate on septic leaking into the lake. Upgrade our sewer system. Need more marketing + public service announcements on what we can do."

"First concern is adequacy of the drainage ditch in Butler Farms. Its large volume in spring thaw has caused it to block adequete flow of water from my house's foundation drainage system, causing flooding in the basement. Concerned that proposed development of Marceaus/Larkin land south of Butler Farms will negatively impact the ability of current drainage to handle incresed volume of water caused by development. Since new houses /driveways/ streets will hinder ability of soil to absorb water, thus increasing the volume that goes to ditch."

"Mostly people either leave dog waste or pick it up in plastic bags and throw the bags off the rec path."

"As city approved the current system for runoff, they should play a major role in solving the problem. Home buyers should not be required to understand civil engineering when they buy their homes in city approved developments. Obviously the developer should also play a major role in the solution as well."

Highest level of education:



Do you own this house - 100%

For how long have you been living in this house? 7.7 years

The longest time lived - 17 years

Did you biuld it? Yes - 26 No

Do you plan to come to the community meeting on April 14th? • Yes - 17

Is there anything special in the perceptions of the people living directly on the stream?

ANSWER: In most cases nothing special

Some Comparisons

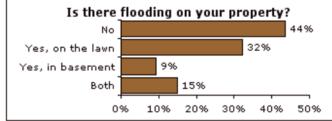
All neighborhood **General Statistics:**

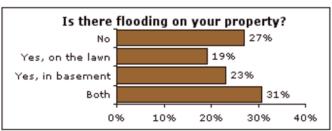
Total Forms Submitted Total Damage from Flooding Average Damage from Flooding Max Damage from Flooding **Expected a problem** Have flood insurance

Right next to the stream **General Statistics:**

87	Total Forms Submitted	26
\$14,850	Total Damage from Flooding	\$8400
\$170	Average Damage from Flooding	\$323
\$4,000	Max Damage from Flooding	\$4,000
5%	Expected a problem	0%
5%	Have flood insurance	4%

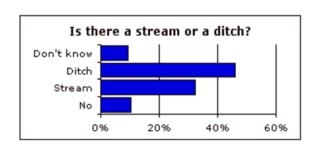
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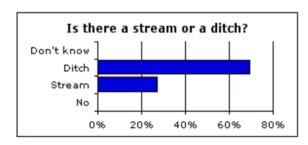




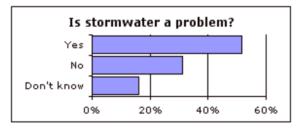
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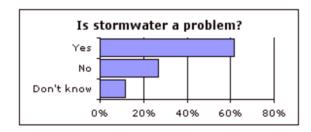
No - 73% Yes - 27% **7**.



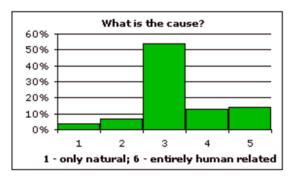


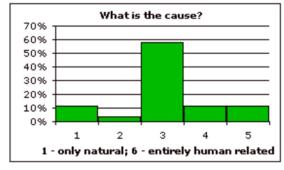
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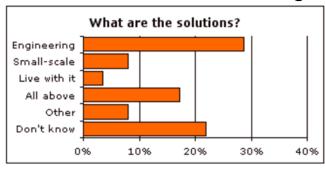


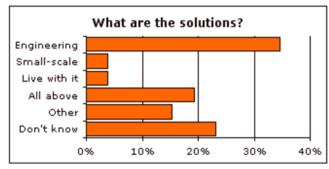
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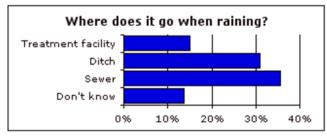


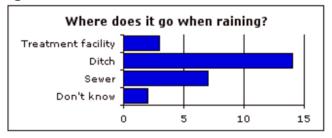
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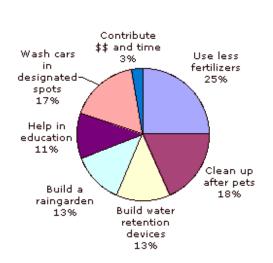


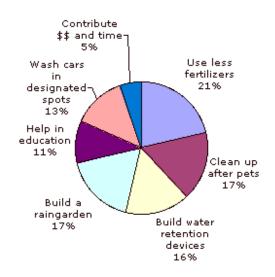


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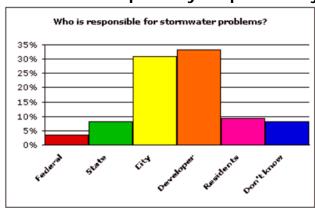
What can we do?

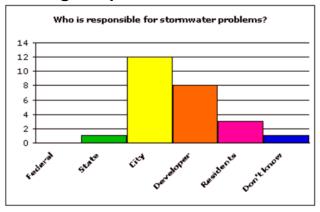
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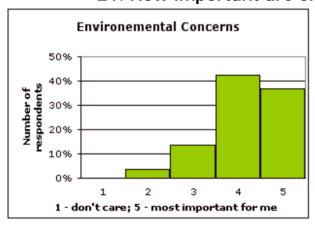


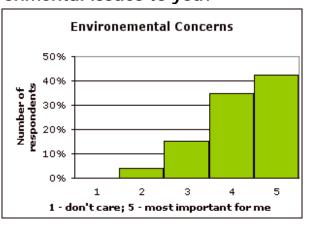
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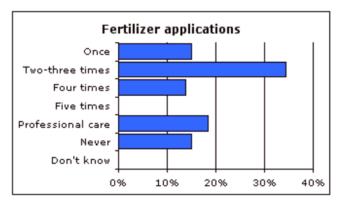


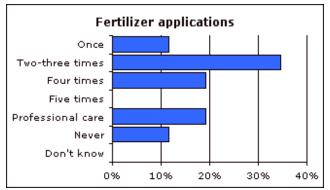
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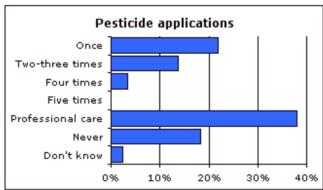


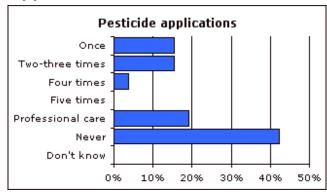
22a. Fertilizer applications





22b. Pesticide applications





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