#### 2017 Portage Lake Watershed Forever Public Survey

#### How the survey was done

- Used email, PLWF web site and Onekama social media pages to survey the public with a 45 question, XX page survey about matters in the Portage Lake Watershed.
- We sent out 1400 emails and total surveys completed number 395
- Survey population base included land owners, seasonal residents, shoreline residents, renters, church camp visitors, business owners

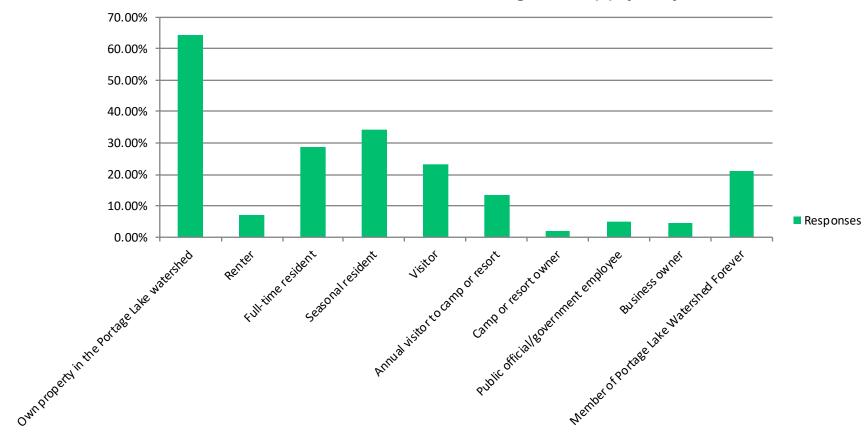
#### **Survey Respondants**

#### Stakeholder Groups Responding to 2017 Survey

Stakeholder Group	Number of Responses
All Residents	201
Full Time residents	108
Seasonal Residents	109
Visitors	74
Property Owners	109
Shoreline Property Owners	118
Portage Lake Watershed Forever Members	65
Full Time Resident Landowners	226
Part Time Resident Landowners	215
Age 65+	120
Age 45—64	146
Age 25—44	46
Total Responses	395

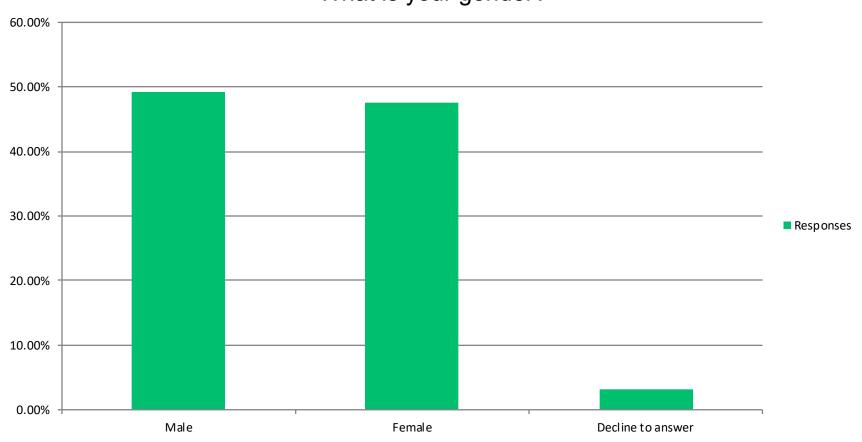
# Who Responded? Question # 42 Responded 318, skipped 77

#### Please check ALL of the following that apply to you:



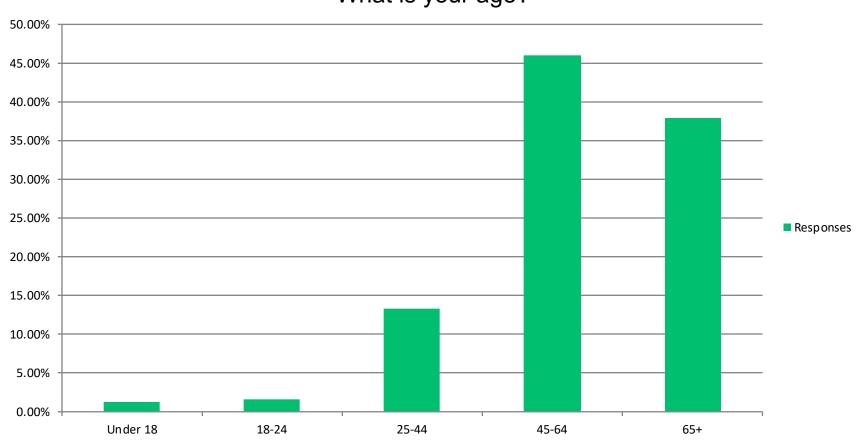
# Who Responded? Question # 43 Responded 319, skipped 76

#### What is your gender?



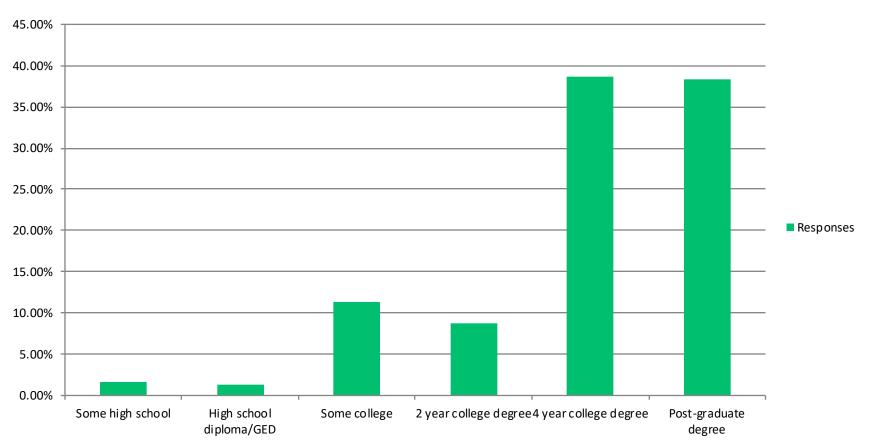
# Who Responded? Question # 44 Responded 317, skipped 78

What is your age?



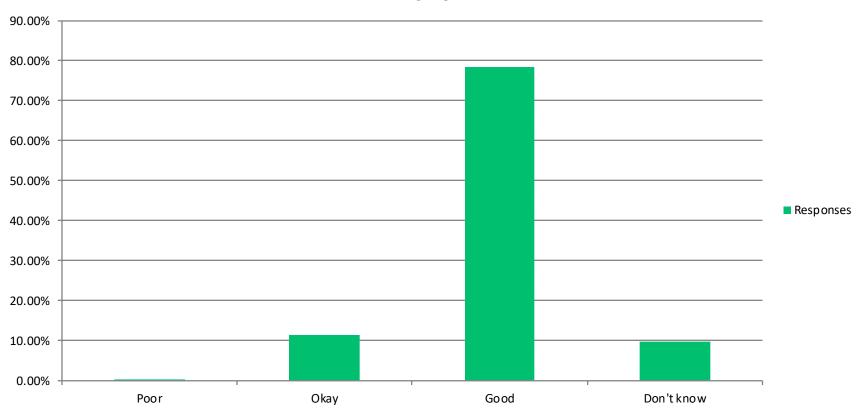
# Who Responded? Question # 45 Responded 318, skipped 77

What is your highest level of education?



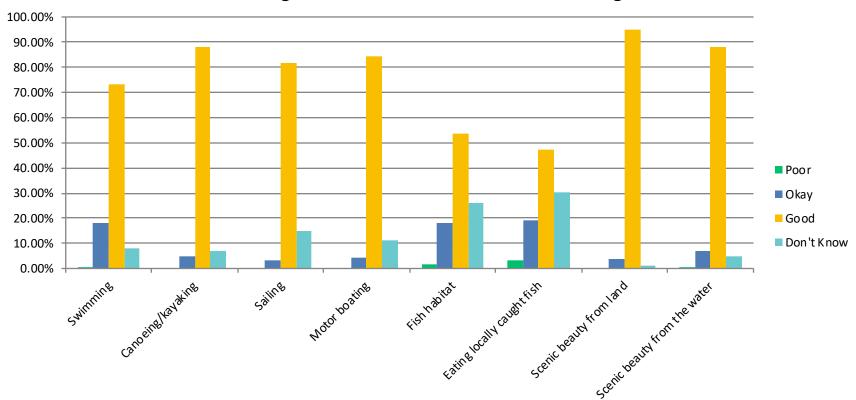
# Useful information on lake use, access, public desires Question # 2 Responded 380, skipped15

Overall, how would you rate the quality of water in Portage Lake?



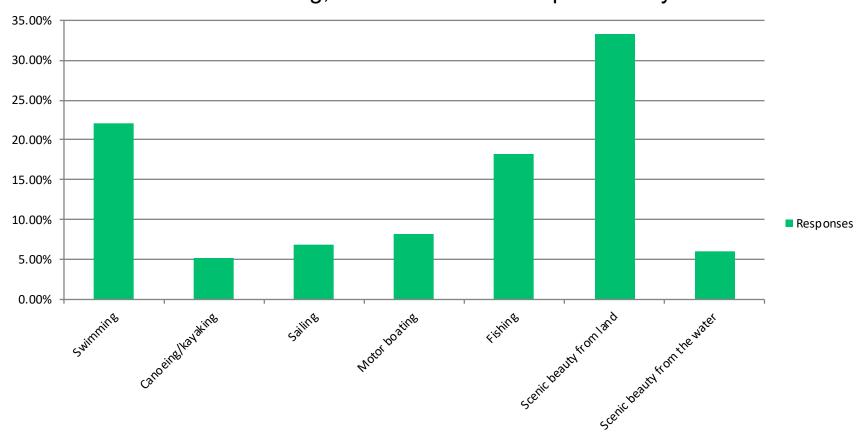
## Useful information on lake use, access, public desires Question # 3 Responded 380, skipped15

More specifically, how would you rate the quality of the water in Portage Lake for each of the following?



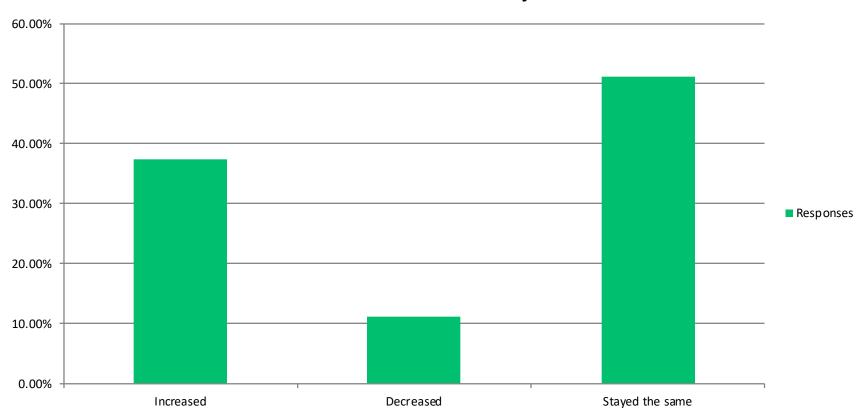
# Useful information on lake use, access, public desires Question # 4 Responded 379, skipped 16

Of the following, which is the most important to you?



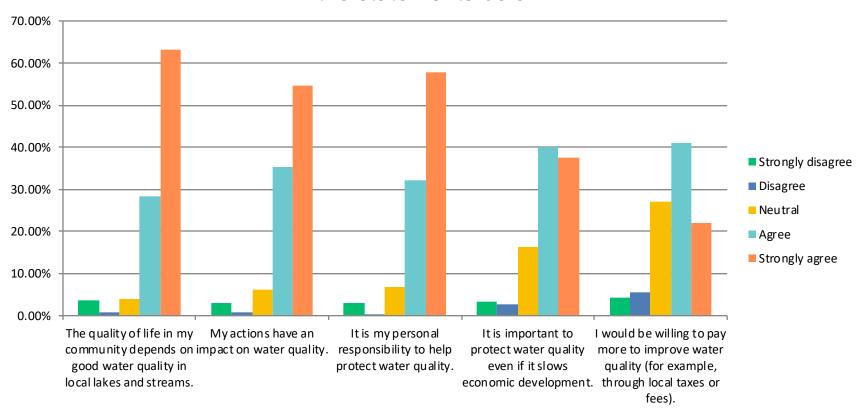
# Useful information on lake use, access, public desires Question # 5 Responded 363, skipped 32

In the last 10 years, do you think the water quality in Portage Lake has increased, decreased or stayed about the same?



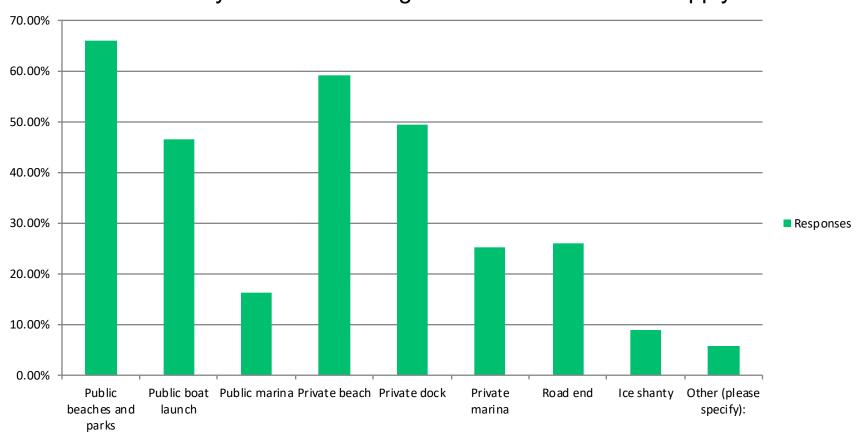
# Useful information on lake use, access, public desires Question # 6 Responded 370, skipped 25

Please indicate your level of agreement or disagreement with the statements below.



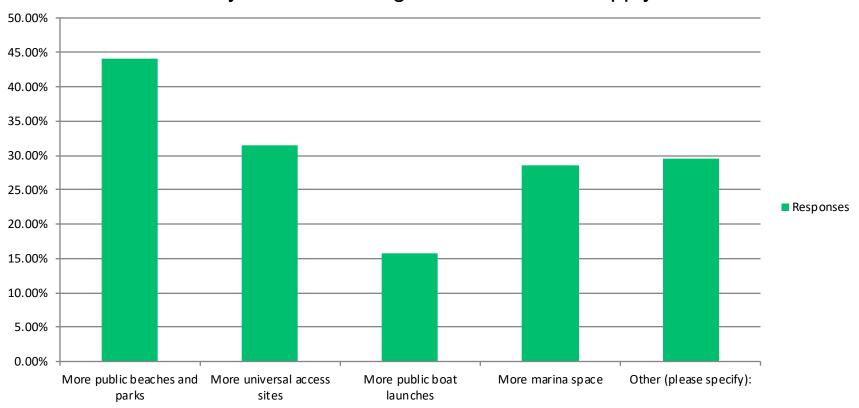
# Useful information on lake use, access, public desires Question # 10 Responded 350, skipped 45

How do you access Portage Lake? Check ALL that apply.



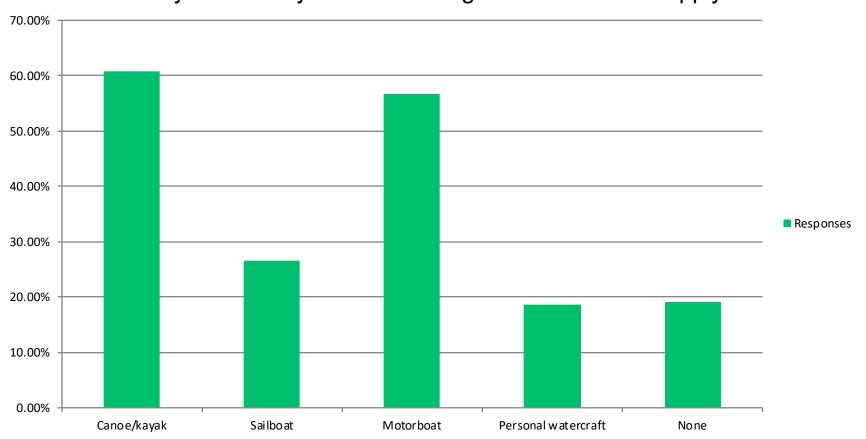
# Useful information on lake use, access, public desires Question # 11 Responded 241, skipped 154

Would you like to see increased access to Portage Lake with any of the following? Check ALL that apply.



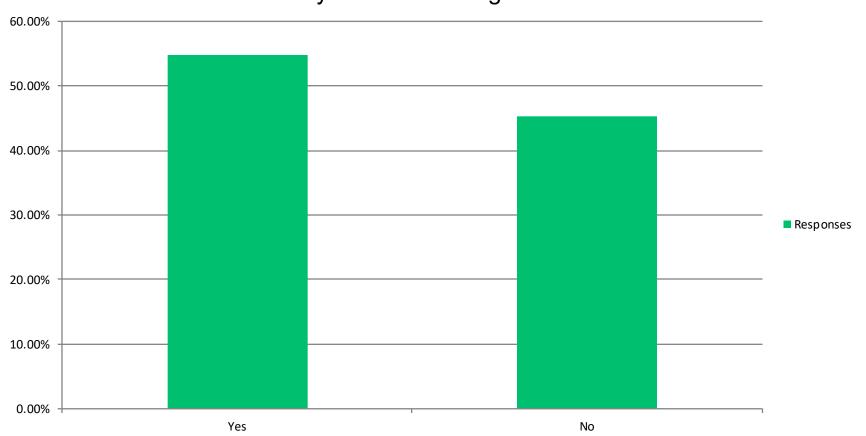
# Useful information on lake use, access, public desires Question # 13 Responded 349, skipped 46

Do you own any of the following? Check ALL that apply.



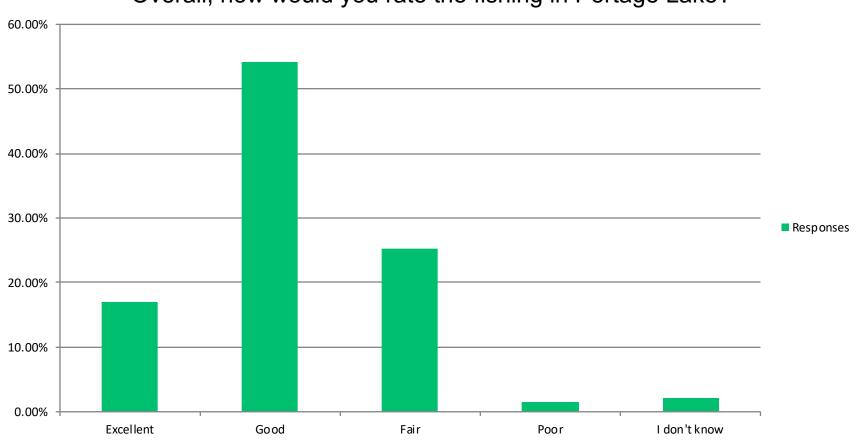
## Useful information on lake use, access, public desires Question # 15 Responded 347, skipped 48

Do you fish in Portage Lake?



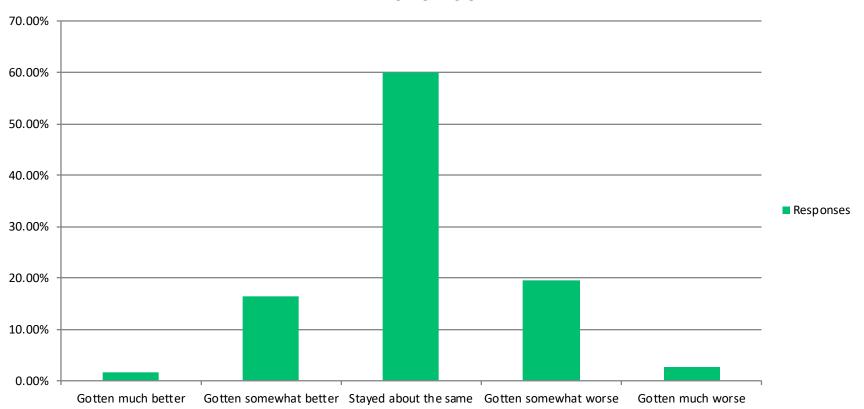
## Useful information on lake use, access, public desires Question # 16 Responded 194, skipped 201

Overall, how would you rate the fishing in Portage Lake?



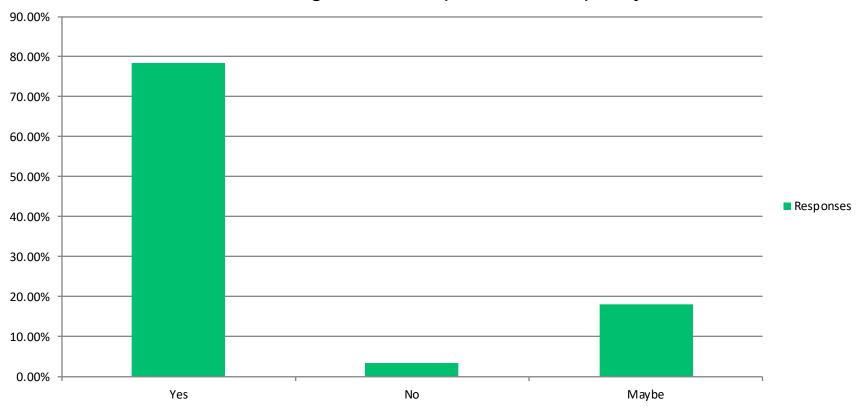
# Useful information on lake use, access, public desires Question # 17 Responded 190, skipped 205

Over the past few years, do you think the fishing in Portage Lake has:



# Useful information what residential people support to maintain/improve the watershed Question #20 Responded 334, skipped 61

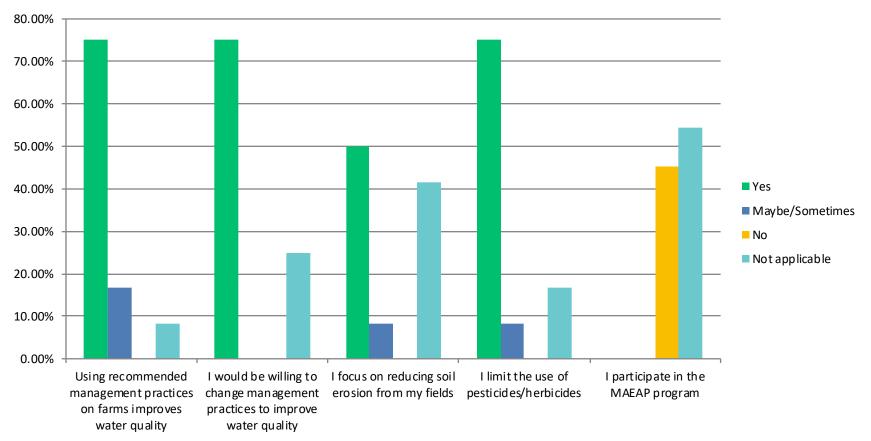
Would you be willing to change the way that you care for your lawn and garden to improve water quality?



#### Useful information what agricultural people support to maintain/improve the watershed Question #28

Responded 12, skipped 1 (only 13 agricultural people took the survey)

Please indicate your level of agreement or disagreement with the statements below.

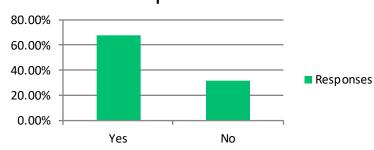


#### Useful information on septic systems in the watershed

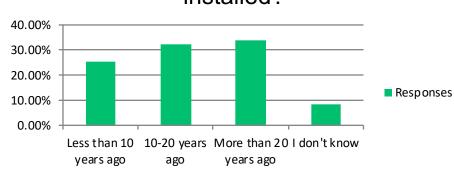
Question 29, 336 Respondents, 59 skips

Question 30, 223 Respondents, 172 skips

#### Do you own property with a septic tank?

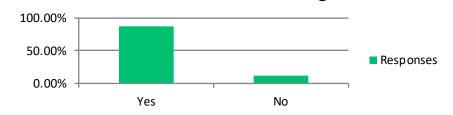


#### When was your septic system installed?



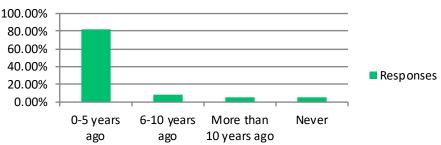
Question 31, 222 Respondents, 173 skips

Did you know that septic systems should be thoroughly cleaned every 3-5 years to remove all the sludge,...



Question 32, 222 Respondents, 173 skips

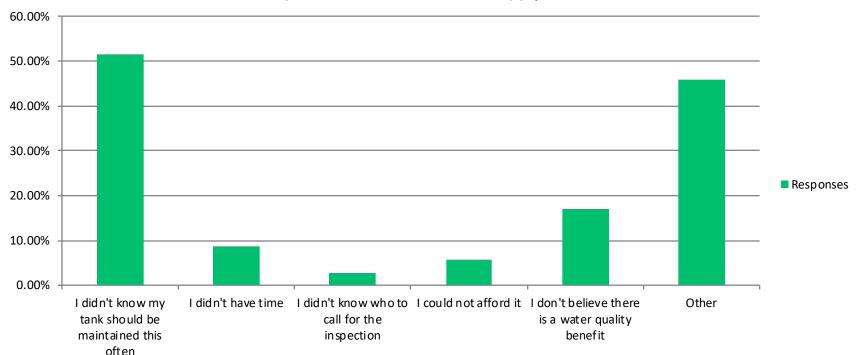
When was the last time you had your septic system inspected or cleaned?



#### Useful information on septic systems in the watershed

Question 33, 35 Respondents, 360 skips, 40 people in survey indicated they did not clean their tanks in 5 years or less. Other comments were mostly seasonal use of system

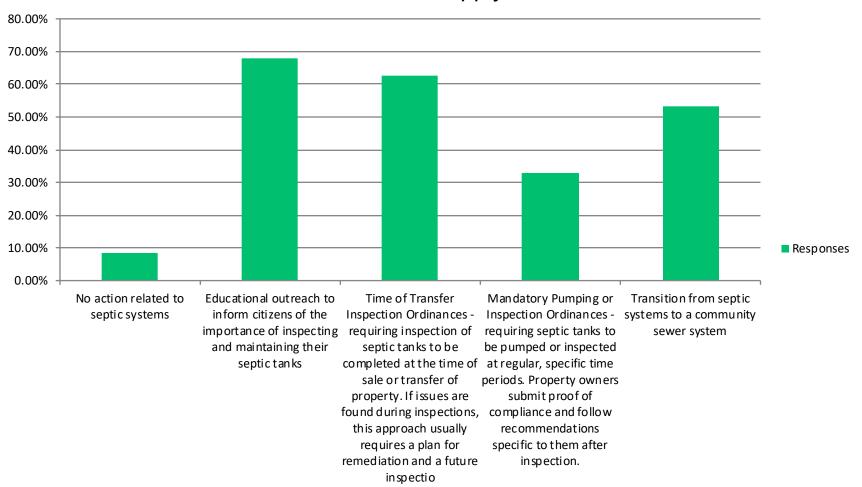
If it has been more than 5 years since you last inspected or cleaned your septic system, which of the following factors have limited your ability to implement this practice? Check ALL that apply.



#### Useful information on septic systems in the watershed

Question 35, 217 Respondents, 178 skips. 229 respondents had septic tanks

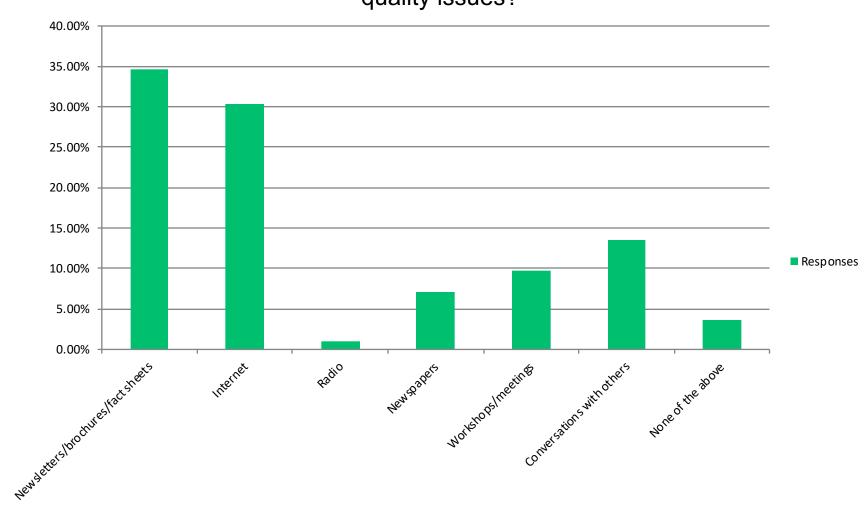
Which of the following policy options would you support as they relate to septic systems in the Portage Lake watershed? Check ALL that apply.



#### How/Where do people obtain information on watershed issues?

Question 36, 326 Respondents, 69 skips

#### Where are you most likely to seek information about water quality issues?



#### Who is trusted source of information on watershed issues?

Question 37, 324 Respondents, 71skips

To what extent do you trust those listed below as a source of information about water quality in the Portage Lake watershed?

