



Planning Update October 19, 2017

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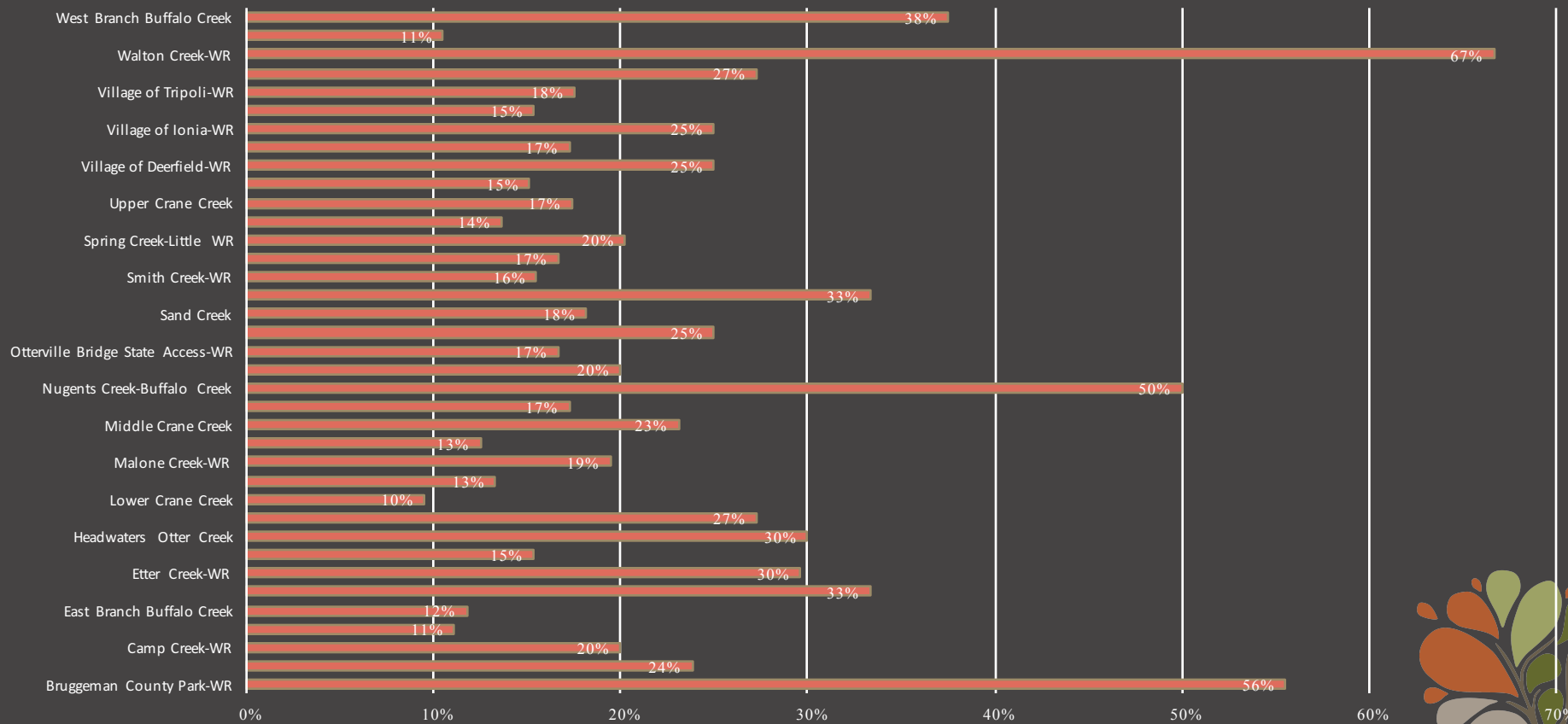
Landowner Survey

- 1,300 surveys mailed to landowners in the Upper Wapsi Watershed.
- 251 surveys returned, 19.3% response rate.
- Results from the survey help us understand landowners' experiences, attitudes, and willingness to participate in solutions.

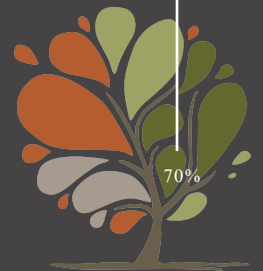


Landowner Survey

Response Rate by Subwatershed



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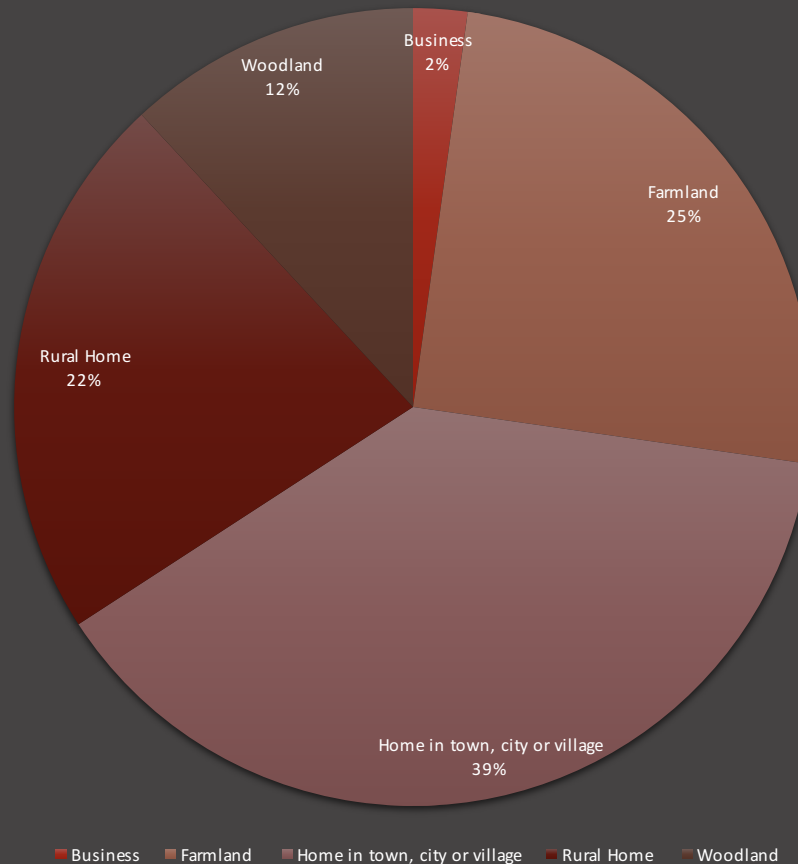
Landowner Survey

1 in 4
respondents
owns farmland.

Nearly 40% of
respondents live
in a town, city or
village.

21% of
respondents say
their primary
residence is
outside the
watershed.

Property owned by survey respondents

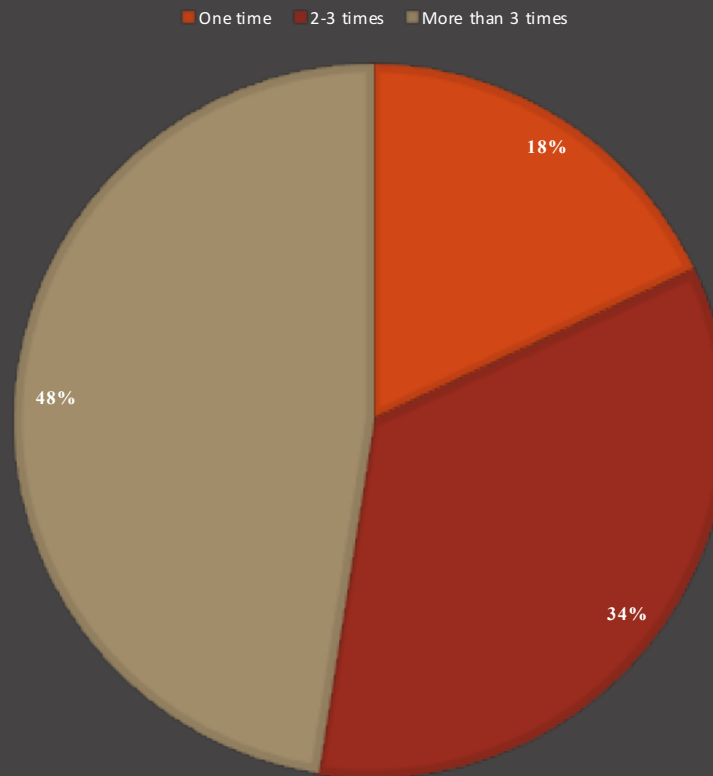


Landowner Survey

24% of respondents have been impacted by flooding in the last 5 years.

Nearly half those respondents experienced flooding 3 or more times.

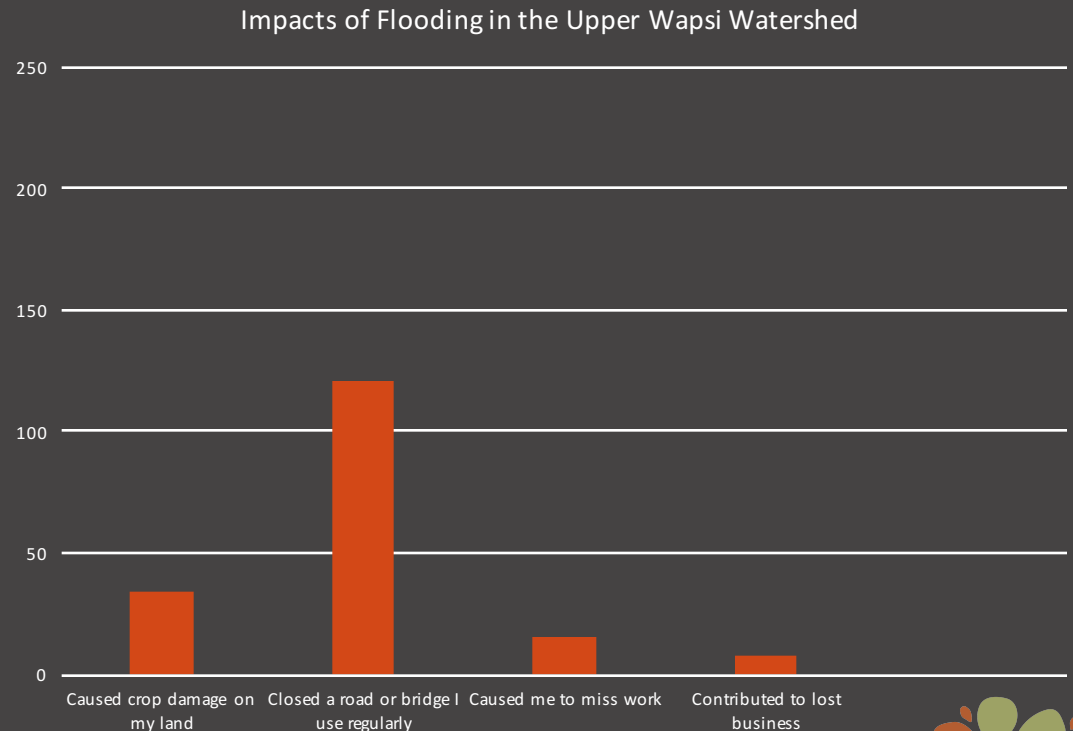
FREQUENCY OF FLOODING



Landowner Survey

More than half of respondents reported that recent flooding had impacted them in one of the following ways:

- Closed a road or bridge they use regularly – 48%
- Caused crop damage on their land – 13%
- Caused them to miss work – 6%
- Contributed to lost business – 3%

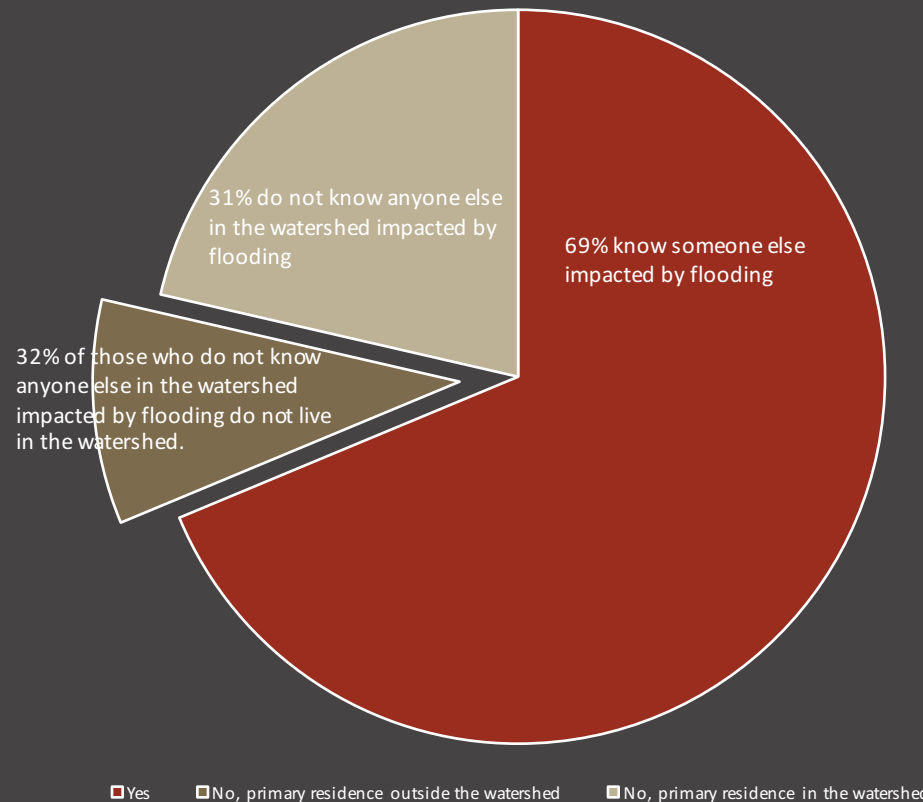


Landowner Survey

Nearly 70% of those who responded say they know someone else in the watershed who has experienced flooding in the last 5 years.

Nearly a third of those who said they did not know anyone else in the watershed who had experienced flooding do not live in the watershed.

Landowners who know someone else impacted by recent flooding



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Landowner Survey

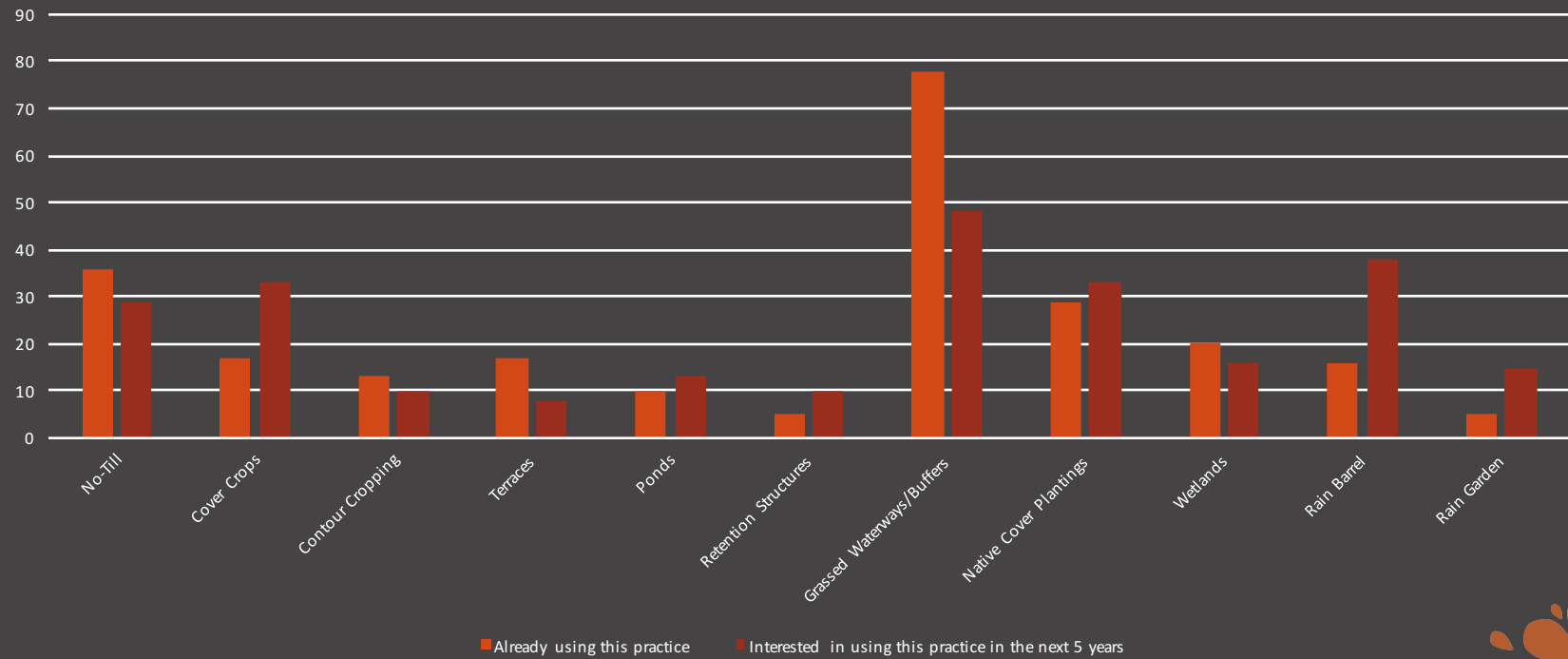
We asked landowners what conservation practices they were already using on their land. Over half of those who responded were using at least one practice to slow or reduce runoff.

We also asked landowners if they are interested in using conservation practices in the future. 67% of those who responded are interested in using at least one conservation practice on their land.



Landowner Survey

Practices landowners are using now and want to use in the future



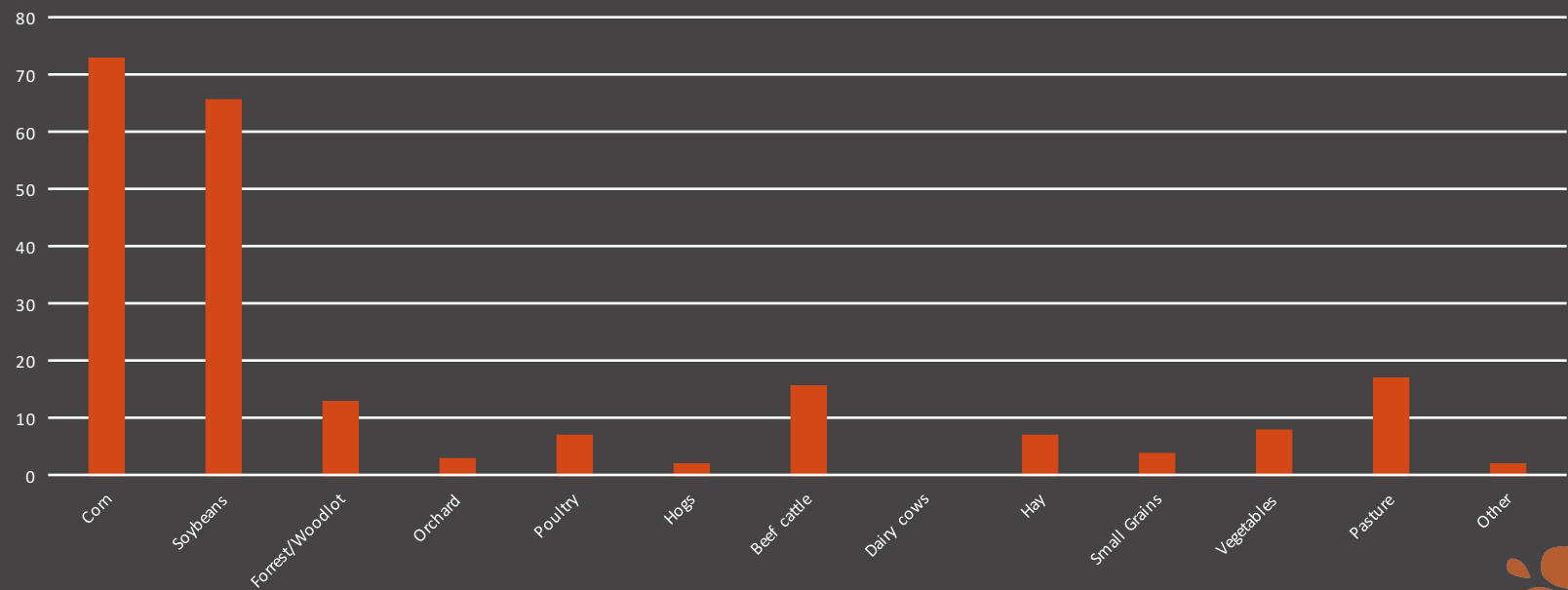
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Landowner Survey

42% of respondents farm or own farmland.

Crops and livestock raised on respondents' farms



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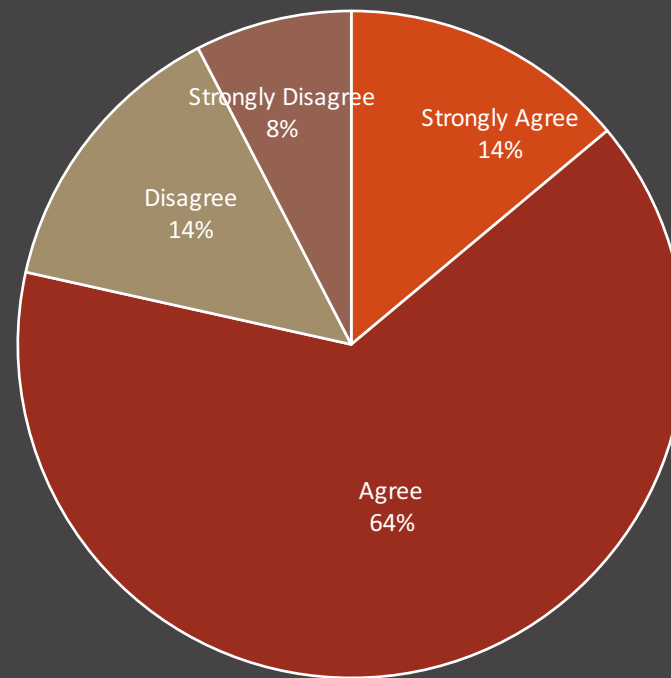


Landowner Survey

Nearly 80% of farmers and farmland owners who responded say they are interested in potentially receiving funding for adopting conservation practices.

Farmers and farmland owners were also asked about their experience with existing conservation programs, farm organizations, and obstacles to implementing conservation.

Are you interested in receiving conservation planning assistance with the potential to receive funding for adopting conservation practices?



Strongly Agree Agree Disagree Strongly Disagree

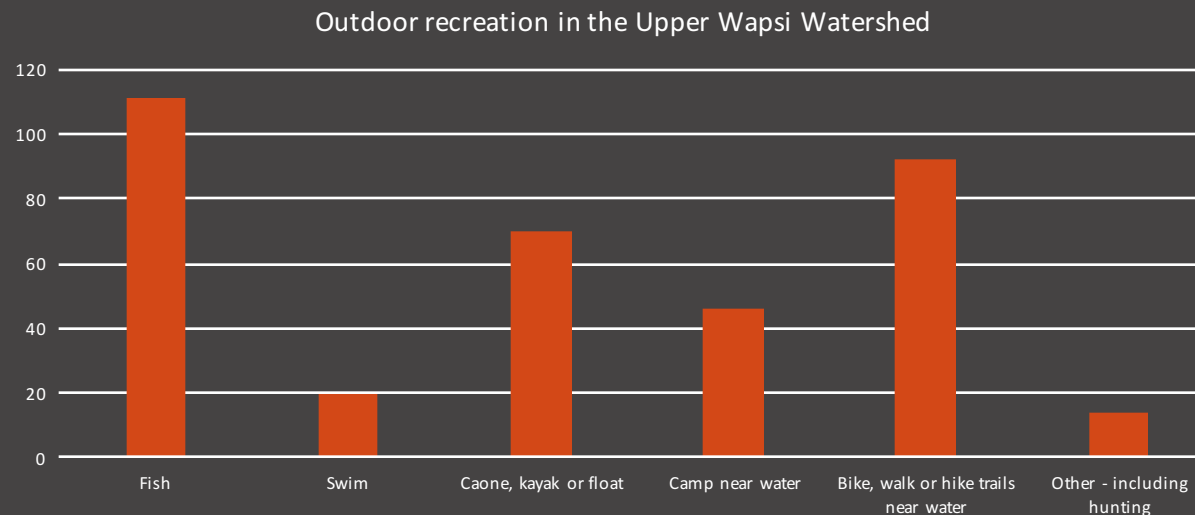
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Landowner Survey

68% of respondents are involved in some form of outdoor recreation in the Upper Wapsipinicon Watershed.

- 44% fish in the watershed
- 37% bike, hike or walk trails near water



Landowner Survey

Landowners were asked their opinion on a number of questions related to flooding and water quality, including:

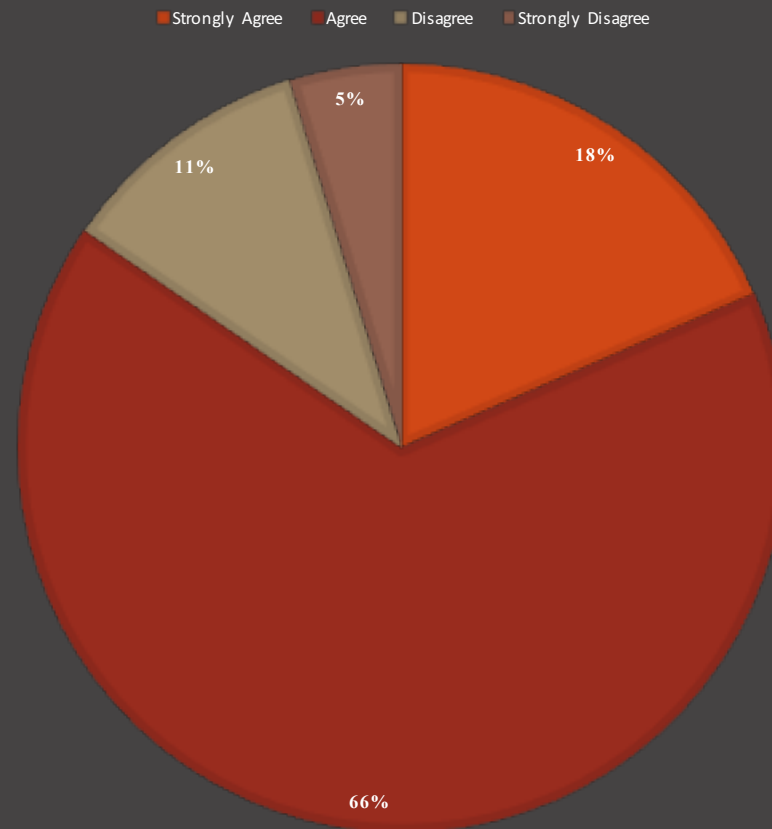
- the extent to which factors, such as urban stormwater runoff and land use, contribute to flooding,
- whether or not flooding or poor water quality are problems in the Upper Wapsipinicon River Watershed,
- and whether or not enough is being done to address problems with flooding and water quality.



Landowner Survey

84% of respondents think flooding is a problem in the Upper Wapsi Watershed.

FLOODING IS A PROBLEM IN THE UPPER WAPSI WATERSHED



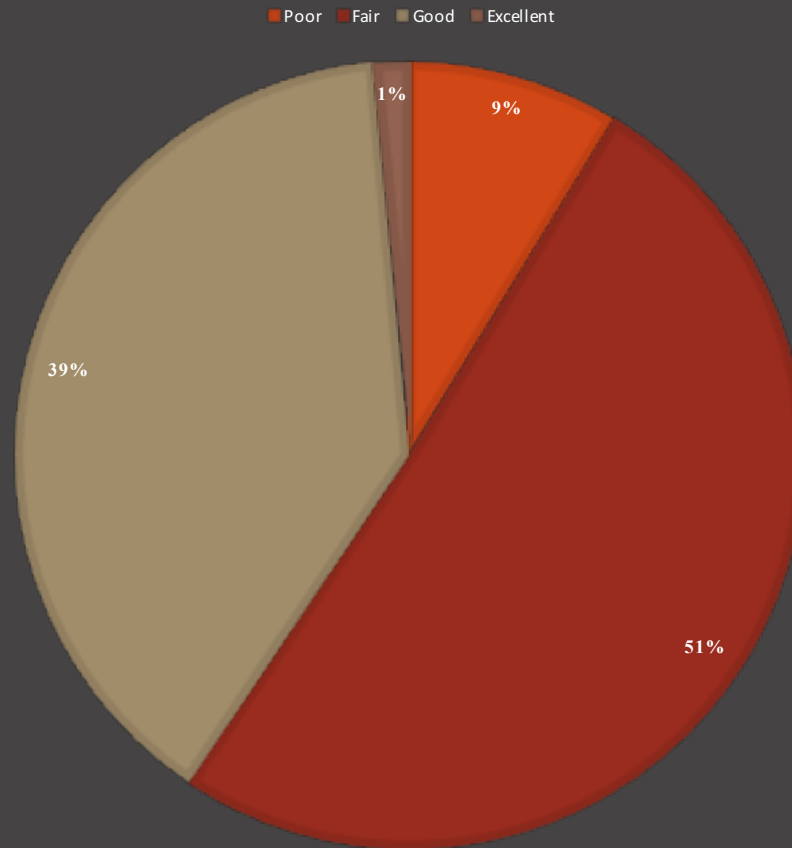
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Landowner Survey

60% of respondents think surface water quality in the Upper Wapsi Watershed is poor or fair.

LANDOWNERS RATE THE QUALITY OF SURFACE WATER



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Landowner Survey

When asked if they were interested in learning more about how they could reduce flooding and/or improve water quality:

- 48% of overall respondents agreed they wanted to learn more!
- 53% of those who have been impacted by flooding in the last 5 years agreed.
- 58% of respondents who live in the watershed agreed.
- 61% of farmers and those who own farmland agreed.
- 40% of those who say flooding is a problem agreed.
- 43% of those who say they recreate in the watershed agreed.



Landowner Survey

The full landowner survey report will be included in the plan.

Data may be helpful in future efforts to:

- Prioritize sub-watersheds for future projects
- Demonstrate need & interest to secure funding
- Shape outreach, education and communications



Wapsi Watershed Open Houses

New Hampton Public Library
Thursday, November 16th, 1:00-2:30pm

Bremer County ISU Extension, Tripoli Iowa
Monday, November 20th, 1:00-2:30pm

Riceville Public Library
Thursday, November 30th, 7:00-8:30pm

Independence Public Library
Wednesday, December 6th, 7:00-8:30pm

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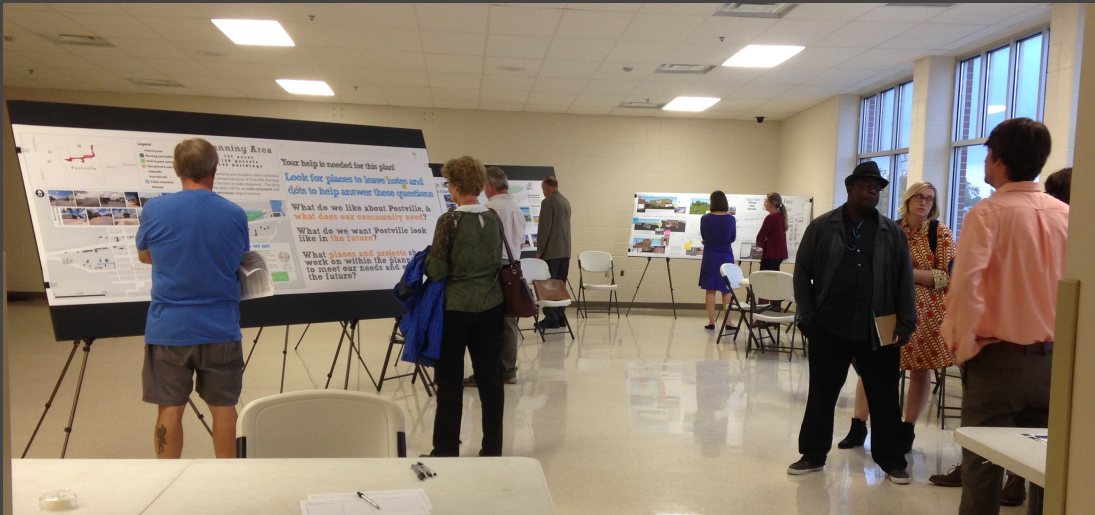


Wapsi Watershed Open Houses

Inform & educate people about their watershed!

Gather input from the public:

- What do they value in their watershed?
- What concerns do they have about their watershed?
Flooding? Water quality?
- What do they want to do on their own land and in their communities to make their watershed more resilient?



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Questions?

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