Screener & Introduction

Water Quality Valuation Study





When we analyze the results from everyone, we are seeking to understand how valuable potential changes in the quality of water in rivers and streams are to you, your household, your community, and the nation.

Your participation is completely voluntary, and you may choose to stop the survey at any time. However, we encourage you to complete it as our results can affect communities across the U.S., particularly in the northeastern states.

Please click here to review the *information sheet* for your rights as a participant.

What is your age (in years)?

Which of the following states do you live in now?

~

Which of the following counties do you live in now?

~

Section I: General Background Questions

Please watch the following video for instructions on completing the survey. Thank you!



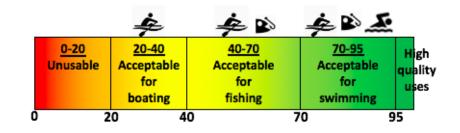
How would you describe the proximity of your residence to a river or stream? Please select all that apply.

- I have a waterfront property
- I can see small streams or rivers from my home
- I see modest to larger size streams or rivers from my home or on drives I commonly make every week
- I do not live close to any river or stream

On average, how often do you visit a river or stream?

Daily
Not daily but more than once a week
Weekly
Weekly
Monthly
One to several times per year
Never

What do you think of the overall quality of rivers and streams in your county?



Scoring system for your reference:

Click Here to Enlarge

Unusable (Not safe for human use)

Ο

Barely Boatable

0

Boatable

0

Fishable

0

Barely swimmable

0

Swimmable

0

Please rate how much you agree or disagree with the following statements. Based on my perception, <u>I believe</u> the rivers and streams in my county are. . .

			Neither			
Strongly		Somewhat	agree nor	Somewhat		Strongly
disagree	Disagree	disagree	disagree	agree	Agree	agree
1. Impaired or	heavily loaded	with trash.				

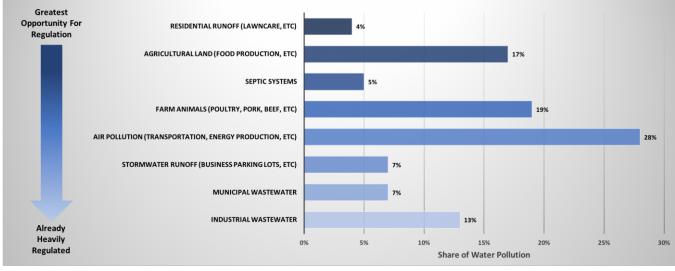
0	0	0	Neither	0	0	0
	end or heavily loaded		-	ldŞ ooppavehat he	rcury, or pesticio	lesStrongly
dis	ee Dis g ree	disgree	disagree	agge	Agee	are
	ed or heavily loaded v e, or drugs and pharr		y based pollutan	ts such as feca	al coliform, virus	es, sources
0	0	0	0	0	0	0
•	ed or heavily loaded in farms and on lawr		,		ogen and phospl	norus (from
0	0	0	0	0	0	0
stream?	est year, did you p Please select all did not participate in Hiking/Walking	that apply.	-			
	Yes, Hiking/Walking					
	Yes, Swimming/Wading					
Yes,	Yes, Wildlife viewing					
Yes,	Yes, Boating/Canoeing/Kayaking					
🗌 Yes,	Yes, Picnicking					
Yes,	Fishing					
🗌 Yes,	Other					

In your opinion, <u>compared to other households</u>, how significant is the relative contribution of you and your household, through products you purchase and consume and through your daily activities, in adding pollutants to water?

	Not	Signifi	cant			t the sa r house		Subst	tantially other h	more t nouseho	
	0	10	20	30	40	50	60	70	80	90	100
You or you household's contribution to wate pollution, compared to others	s r d										

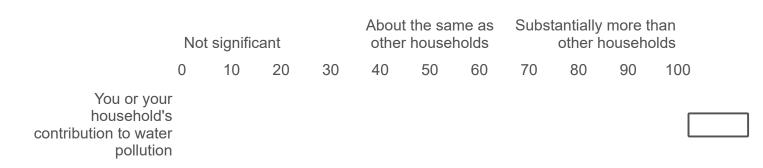
SECTION II: CHOICE QUESTIONS (Instructions)

An Example: Sources of water pollutants by share of pollution contribution and extent of regulation. The shares are based on a study conducted in a major waterway in North-Atlantic region of the United States.



Click Here to Enlarge

In your opinion, <u>compared to other households</u>, how significant is the relative contribution of you and your household, through products you purchase and consume and through your daily activities, in adding pollutants to water?

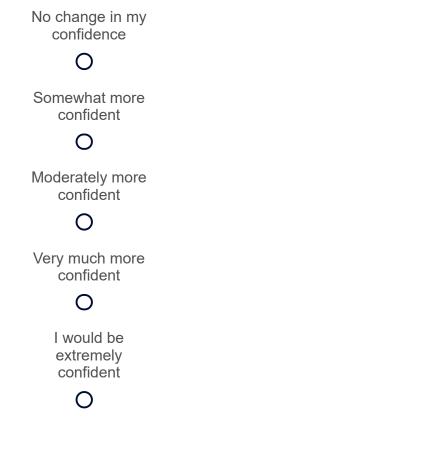


SECTION III: Payment Vehicle

The State of Missouri has established certain taxes (to support conservation) through specific Amendments to the Missouri State Constitution, approved by a public vote of its residents. These taxes can only be used for the purposes specified in that Amendment. Courts have prevented the Missouri legislature from redirecting such funding to alternative purposes, even in times of budget crises. Only the voters of the state can change the use of such funds.

A policy to implement water quality improvement programs will require funding for the costs of the program. In the following questions, the government is planning to raise funds through a taxing approach integrated in your State's Constitution (as seen in the example given above for Missouri). These taxes can only be used for the purposes specified in the Amendment and only voters of the state can change the use of such funds.

To what extent does this approach make you more confident that any new tax dollars collected from you would be dedicated only to support water quality improvement programs?



A policy to implement water quality improvement programs will require funding for the costs of the program. In the following questions, the government is planning to raise funds through federal tax collections, which are then passed to your state through a contract to implement water quality improvement programs. As a contract, your state legislature is unable to use these dollars for any other use.

To what extent does this approach make you more confident that any new tax dollars collected from you would be dedicated only to support water quality improvement programs?

No change in my confidence

0

Somewhat more confident

0

Moderately more confident

Ο

Very much more confident

0

l would be extremely confident

0

A policy to implement water quality improvement programs will require funding for the costs of the program. In the following questions, the government is planning to raise funds under the authority of the state legislature. These taxes can only be used to implement water quality improvement programs and cannot be used for any other purpose.

To what extent does this approach make you more confident that any new tax dollars collected from you would be dedicated only to support water quality improvement programs?

No change in my confidence O Somewhat more confident O

Moderately more confident O			
Very much more confident O			
l would be extremely confident			

In this section of questions:

You will be given the **current conditions of ONE collection** of 100 miles of rivers and streams and **TWO possible Program Outcomes** (A and B).

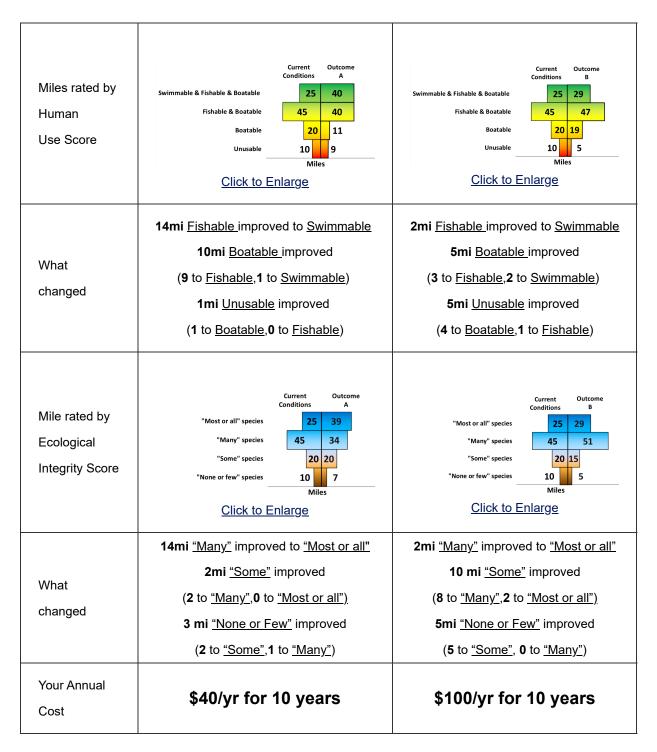
You will be asked to vote on one of three options (**No Action, Produce Outcome A, or Produce B**)

Thus, in each of the following questions, you are being asked to **pick which outcome**, if either, you would prefer the current conditions described to **PRODUCE**.

Section IV: CHOICE QUESTIONS - BLOCK 1

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	A county with rivers and streams <u>cou</u> n	-



Ο

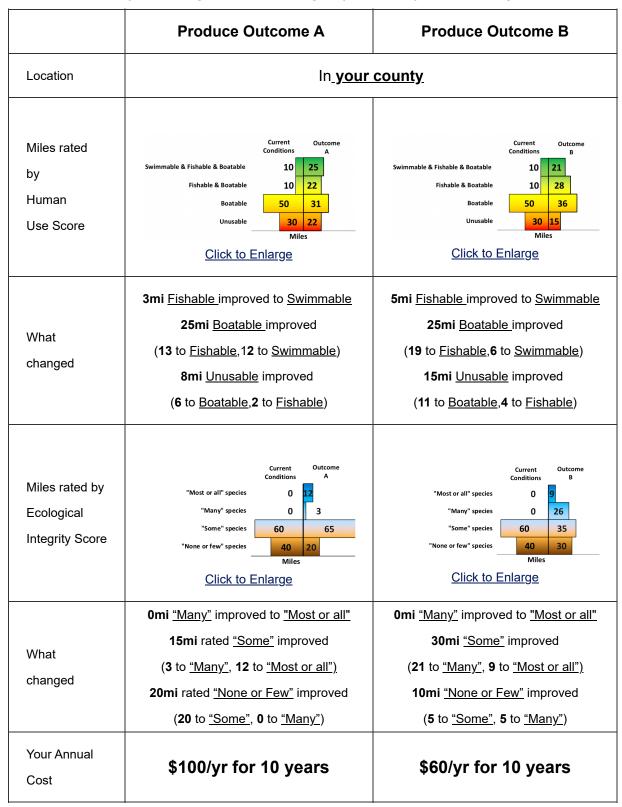
PRODUCE OUTCOME A: \$40/year for 10 years

0

PRODUCE OUTCOME B: \$100/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



Ο

PRODUCE OUTCOME A: \$100/year for 10 years

PRODUCE OUTCOME B: \$60/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

Produce Outcome A **Produce Outcome B** A county with rivers and streams that **send water to your** Location <u>county</u> Miles rated Current Outcome Current Outcome Conditions Conditions Α 33 vimmable & Fishable & Boatable 25 vimmable & Fishable & Boatable 25 28 by Fishable & Boatable 55 51 Fishable & Boatable 55 54 Human 15 12 14 Boatable Boatable 15 5 5 4 4 Unusable Unusable Use Score Miles Miles Click to Enlarge Click to Enlarge 8mi Fishable improved to Swimmable 3mi Fishable improved to Swimmable 4mi Boatable improved 2mi Boatable improved What (4 to Fishable, 0 to Swimmable) (2 to Fishable, 0 to Swimmable) changed 1mi Unusable improved 1mi Unusable improved (1 to Boatable, 0 to Fishable) (1 to Boatable, 0 to Fishable) Miles rated by Outcome Current Current Condition Outcom Ecological 28 "Most or all" species 25 "Most or all" species 25 29 Integrity Score 45 44 45 46 "Many" species "Many" species "Some" species 20 19 "Some" species 20 16 9 "None or few" species 10 None or few" species 10 Miles Miles

	Click to Enlarge	Click to Enlarge
	3mi <u>"Many"</u> improved to <u>"Most or all"</u>	3mi <u>"Many"</u> improved to <u>"Most or all"</u>
	5mi <u>"Some"</u> improved	2mi <u>"Some"</u> improved
What	(4 to <u>"Many"</u> , 1 to <u>"Most or all")</u>	(2 to <u>"Many"</u> , 0 to <u>"Most or all")</u>
changed	1 mi <u>"None or Few"</u> improved	1mi <u>"None or Few"</u> improved
	(1 to <u>"Some"</u> , 0 to <u>"Many"</u>)	(1 to <u>"Some"</u> , 0 to <u>"Many"</u>)
Your Annual Cost	\$500/yr for 10 years	\$300/yr for 10 years

Ο

PRODUCE OUTCOME A: \$500/year for 10 years

Ο

PRODUCE OUTCOME B: \$300/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>yo</u>	ur county
Miles rated by Human Use Score	Current Outcome Conditions A Swimmable & Fishable & Boatable 10 17 Fishable & Boatable 10 32 Boatable 50 36 Unusable 30 15 Miles <u>Click to Enlarge</u>	Current Outcome Conditions B Swimmable & Fishable & Boatable 10 21 Fishable & Boatable 10 28 Boatable 50 29 Unusable 30 22 Miles Click to Enlarge

What changed	 5mi <u>Fishable</u> improved to <u>Swimmable</u> 25mi <u>Boatable</u> improved (23 to <u>Fishable</u>,2 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (11 to <u>Boatable</u>,4 to <u>Fishable</u>) 	5mi <u>Fishable improved to Swimmable</u> 25mi <u>Boatable i</u> mproved (19 to <u>Fishable</u> ,6 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (4 to <u>Boatable</u> ,4 to <u>Fishable</u>)
Miles rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 10 25 "Many" species 10 22 "Some" species 50 31 "None or few" species 30 22 Miles Clickto Enlarge	Current Conditions Outcome B "Most or all" species 10 18 "Many" species 10 16 "Some" species 50 39 "None or few" species 30 27 Miles Click to Enlarge
What changed	 3 mi <u>"Many"</u> improved to <u>"Most or all"</u> 25 mi <u>"Some"</u> improved (13 to <u>"Many"</u>, 12 to <u>"Most or all"</u>) 8 mi rated <u>"None or Few"</u> improved (6 to <u>"Some"</u>, 2 to <u>"Many"</u>) 	 5 mi <u>"Many"</u> improved to <u>"Most or all"</u> 13 mi <u>"Some"</u> improved (10 to <u>"Many"</u>, 3 to <u>"Most or all"</u>) 3 mi <u>"None or Few"</u> improved (2 to <u>"Some"</u>, 1 to <u>"Many"</u>)
Your Annual Cost	\$250/yr for 10 years	\$40/yr for 10 years

NO ACTION:

\$0/year for 10 years

Ο

PRODUCE OUTCOME A: \$250/year for 10 years

0

PRODUCE OUTCOME B: \$40/year for 10 years

Ο

Section IV: CHOICE QUESTIONS - BLOCK 2

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

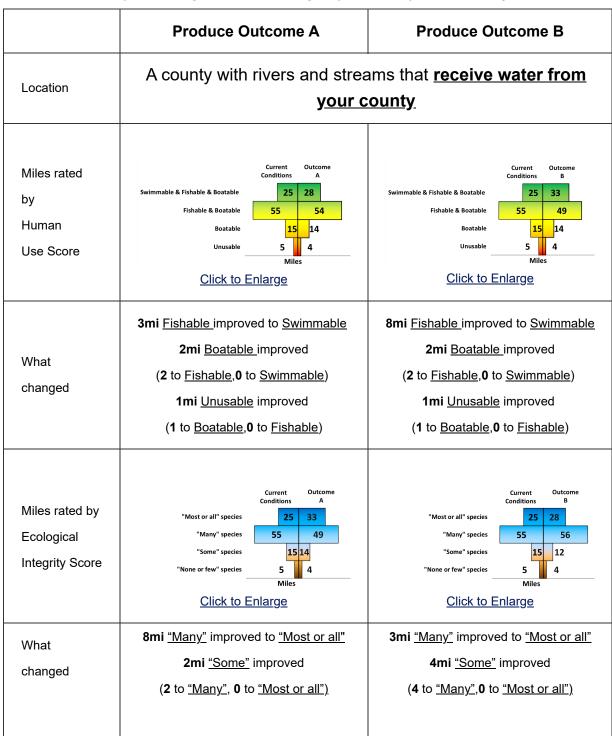
	Produce Outcome A	Produce Outcome B
Location	In <u>your</u>	<u>county</u>
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 20 32 Fishable & Boatable 20 20 Boatable 30 33 Unusable 30 15 Miles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 20 30 Fishable & Boatable 20 20 Boatable 30 28 Unusable 30 22 Milles Click to Enlarge
What changed	 10mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (6 to <u>Fishable</u>, 2 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (11 to <u>Boatable</u>, 4 to <u>Fishable</u>) 	 6mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (4 to <u>Fishable</u>, 4 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (6 to <u>Boatable</u>, 2 to <u>Fishable</u>)
Miles rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 10 24 "Many" species 20 29 "Some" species 45 35 "None or few" species 25 12 Miles Click to Enlarge	Current Outcome conditions B "Most or all" species 10 22 "Many" species 20 25 "Some" species 45 41 "None or few" species 25 12 Miles Click to Enlarge
What changed	 3mi <u>"Many"</u> improved to <u>"Most or all"</u> 23mi <u>"Some"</u> improved (12 to <u>"Many"</u>, 11 to <u>"Most or all")</u> 13mi <u>"None or Few"</u> improved (13 to <u>"Some"</u>, 0 to <u>"Many"</u>) 	 10mi <u>"Many"</u> improved to <u>"Most or all</u> 11mi <u>"Some"</u> improved (9 to <u>"Many"</u>, 2 to <u>"Most or all")</u> 13mi <u>"None or Few"</u> improved (7 to <u>"Some"</u>, 6 to <u>"Many"</u>)
Your Annual Cost	\$60/yr for 10 years	\$100/yr for 10 years

0

PRODUCE OUTCOME A: \$60/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



	1mi rated <u>"None or Few"</u> improved (1 to <u>"Some"</u> , 0 to <u>"Many"</u>)	1mi <u>"None or Few"</u> improved (1 to <u>"Some"</u> , 0 to <u>"Many"</u>)
Your Annual Cost	\$500/yr for 10 years	\$300/yr for 10 years
NO ACTION \$0/year for 10		
	years	
PRODUCE OU \$500/year for	_	
0		
PRODUCE OU \$300/year for	_	
-		

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

If you are having trouble understanding the question, kindly rewatch the study's instruction video.

	Produce Outcome A	Produce Outcome B
Location	In <u>your</u>	<u>county</u>
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 25 28 Fishable & Boatable 55 56 Boatable 15 12 Unusable 5 4 Miles Click to Enlarge	Swimmable & Fishable & Boatable Current Conditions Outcome B Fishable & Boatable 25 33 Boatable 15 14 Unusable 5 4 Miles Click to Enlarge
What changed	 3mi <u>Fishable</u> improved to <u>Swimmable</u> 4mi <u>Boatable</u> improved (4 to <u>Fishable</u>,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u>,0 to <u>Fishable</u>) 	 8mi <u>Fishable improved to Swimmable</u> 2mi <u>Boatable improved</u> (2 to <u>Fishable</u>,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u>,0 to <u>Fishable</u>)



0

PRODUCE OUTCOME A: \$300/year for 10 years

Ο

PRODUCE OUTCOME B: \$500/year for 10 years

С

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location		and streams that <u>send</u> our county

Miles rated by Human Use Score	Current Conditions Swimmable & Fishable & Boatable Fishable & Boatable 0 18 Boatable 60 55 Unusable 40 20 Miles Click to Enlarge	Current Conditions Swimmable & Fishable & Boatable Fishable & Boatable Boatable Unusable Click to Enlarge
	0mi <u>Fishable</u> improved to	0mi <u>Fishable</u> improved to
	<u>Swimmable</u>	<u>Swimmable</u>
What	15mi <u>Boatable</u> improved	30mi <u>Boatable</u> improved
changed	(8 to <u>Fishable</u> , 7 to <u>Swimmable</u>)	(23 to <u>Fishable</u> , 7 to <u>Swimmable</u>)
	20mi <u>Unusable</u> improved	10mi <u>Unusable</u> improved
	(10 to <u>Boatable</u> , 10 to <u>Fishable</u>)	(5 to <u>Boatable</u> , 5 to <u>Fishable</u>)
Miles rated by Ecological Integrity Score	Current Conditions A "Most or all" species 0 7 "Many" species 0 28 "Some" species 60 35 "None or few" species 40 30 Milles Click to Enlarge	Current Conditions Outcome B "Most or all" species 0 15 "Many" species 0 25 "Some" species 60 40 "None or few" species 40 20 Miles Miles Miles
	0mi <u>"Many"</u> improved to <u>"Most or all"</u>	0mi <u>"Many"</u> improved to <u>"Most or all"</u>
What	30mi <u>"Some"</u> improved	30mi <u>"Some"</u> improved
changed	(23 to <u>"Many"</u> , 7 to <u>"Most or all")</u>	(15 to <u>"Many"</u> , 15 to <u>"Most or all")</u>
	10mi <u>"None or Few"</u> improved	20mi <u>"None or Few"</u> improved
	(5 to <u>"Some"</u> , 5 to <u>"Many"</u>)	(10 to <u>"Some"</u> , 10 to <u>"Many"</u>)
Your Annual Cost	\$40/yr for 10 years	\$250/yr for 10 years

0

PRODUCE OUTCOME A: \$40/year for 10 years

Ο

PRODUCE OUTCOME B: \$250/year for 10 years

0

Section IV: CHOICE QUESTIONS - BLOCK 3

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your</u>	<u>county</u>
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 10 19 Fishable & Boatable 10 18 Boatable 50 41 Unusable 30 22 Miles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 10 Fishable & Boatable 10 Boatable 10 Unusable 30 Unusable 30 Click to Enlarge
What changed	 3mi <u>Fishable</u> improved to <u>Swimmable</u> 13mi <u>Boatable</u> improved (7 to <u>Fishable</u>, 6 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (4 to <u>Boatable</u>, 4 to <u>Fishable</u>) 	2mi <u>Fishable</u> improved to <u>Swimmable</u> 25mi <u>Boatable</u> improved (19 to <u>Fishable</u> , 6 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (11 to <u>Boatable</u> , 4 to <u>Fishable</u>)
Miles rated by Ecological Integrity Score	Current Outcome conditions A "Most or all" species 10 25 "Many" species 10 24 "Some" species 50 29 "None or few" species 30 22 Miles Click to Enlarge	Current Outcome Conditions B "Most or all" species 10 18 "Many" species 10 31 "Some" species 50 36 "None or few" species 30 15 Milles Click to Enlarge
What changed	3mi <u>"Many"</u> improved to <u>"Most or all"</u> 25mi <u>"Some"</u> improved (13 to <u>"Many"</u> ,12 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (4 to <u>"Some"</u> ,4 to <u>"Many"</u>)	5mi <u>"Many"</u> improved to <u>"Most or all</u> 25mi <u>"Some"</u> improved (22 to <u>"Many"</u> , 3 to <u>"Most or all")</u> 15mi <u>"None or Few"</u> improved (11 to <u>"Some"</u> , 4 to <u>"Many"</u>)
Your Annual Cost	\$60/yr for 10 years	\$250/yr for 10 years

PRODUCE OUTCOME A:

\$60/year for 10 years

Ο

PRODUCE OUTCOME B: \$250/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

Produce Outcome A Produce Outcome B A county with rivers and streams that **receive water** Location from your county Miles rated Current Outcome Current Outcome Conditions Conditions wimmable & Fishable & Boatable 25 32 vimmable & Fishable & Boatable 25 27 by Fishable & Boatable Fishable & Boatable 45 40 45 48 Human 20 19 20 16 Boatable Boatable 10 9 10 9 Unusable Unusable Use Score Miles Miles Click to Enlarge Click to Enlarge 7mi Fishable improved to Swimmable 2mi Fishable improved to Swimmable 2mi Boatable improved 5mi Boatable improved What (2 to Fishable, 0 to Swimmable) (5 to Fishable, 0 to Swimmable) changed 1mi Unusable improved 1mi Unusable improved (1 to Boatable, 0 to Fishable) (1 to Boatable, 0 to Fishable) Miles rated by Current Conditions Outcome Current Outcom Ecological Nost or all" species 25 32 27 Most or all" species 25 Integrity Score "Many" species 45 40 "Many" species 45 48 20 19 "Some" species 20 18 "Some" species None or few" species 10 9 7 "None or few" species 10 Miles Miles

	Click to Enlarge	Click to Enlarge
	7mi <u>"Many"</u> improved to <u>"Most or all"</u>	2mi <u>"Many"</u> improved to <u>"Most or all</u>
	2mi <u>"Some"</u> improved	5mi <u>"Some"</u> improved
What	(2 to <u>"Many"</u> , 0 to <u>"Most or all")</u>	(5 to <u>"Many"</u> , 0 to <u>"Most or all")</u>
changed	1mi <u>"None or Few"</u> improved	3mi <u>"None or Few"</u> improved
	(1 to <u>"Some"</u> , 0 to <u>"Many"</u>)	(3 to <u>"Some"</u> , 0 to <u>"Many"</u>)
Your Annual Cost	\$250/yr for 10 years	\$500/yr for 10 years

Ο

PRODUCE OUTCOME A: \$250/year for 10 years

0

PRODUCE OUTCOME B: \$500/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>yo</u>	ur county
Miles rated by Human Use Score	Current conditions Outcome A Swimmable & Fishable & Boatable 10 22 Fishable & Boatable 20 34 Boatable 45 25 Unusable 25 19 Miles Miles	Current Conditions Outcome B Swimmable & Fishable & Boatable 10 24 Fishable & Boatable 20 18 Boatable 45 36 Unusable 25 22 Miles Click to Enlarge

	6mi <u>Fishable</u> improved to <u>Swimmable</u>	10mi <u>Fishable</u> improved to <u>Swimmable</u>
What	23mi <u>Boatable</u> improved	11mi <u>Boatable</u> improved
changed	(17 to <u>Fishable</u> , 6 to <u>Swimmable</u>)	(7 to <u>Fishable</u> , 4 to <u>Swimmable</u>)
changed	6mi <u>Unusable</u> improved	3mi <u>Unusable</u> improved
	(3 to <u>Boatable</u> , 3 to <u>Fishable</u>)	(2 to <u>Boatable</u> , 1 to <u>Fishable</u>)
Miles rated by Ecological Integrity Score	Current Outcome Conditions A "Most or all" species 10 15 "Many" species 20 41 "Some" species 45 25	Current Conditions Outcome B "Most or all" species 10 18 "Many" species 20 20 "Some" species 45 50
	"None or few" species 25 19 Miles	"None or few" species 25 12 Miles <u>Click to Enlarge</u>
What changed	3mi <u>"Many"</u> improved to <u>"Most or all"</u> 23mi <u>"Some"</u> improved (21 to <u>"Many"</u> ,2 to <u>"Most or all")</u> 6mi <u>"None or Few"</u> improved (1 to <u>"Some"</u> ,5 to <u>"Many"</u>)	 6mi <u>"Many"</u> improved to <u>"Most or all</u> 4mi <u>"Some"</u> improved (2 to <u>"Many"</u>, 2 to <u>"Most or all")</u> 13mi <u>"None or Few"</u> improved (9 to <u>"Some"</u>, 4 to <u>"Many"</u>)
Your Annual Cost	\$60/yr for 10 years	\$40/yr for 10 years

Ο

PRODUCE OUTCOME A: \$60/year for 10 years

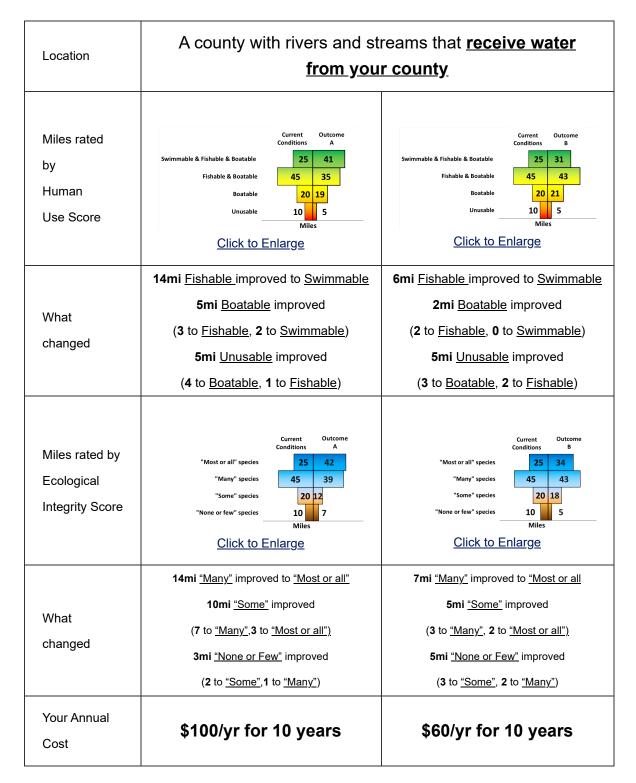
0

PRODUCE OUTCOME B: \$40/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

Produce Outcome A	Produce Outcome B	
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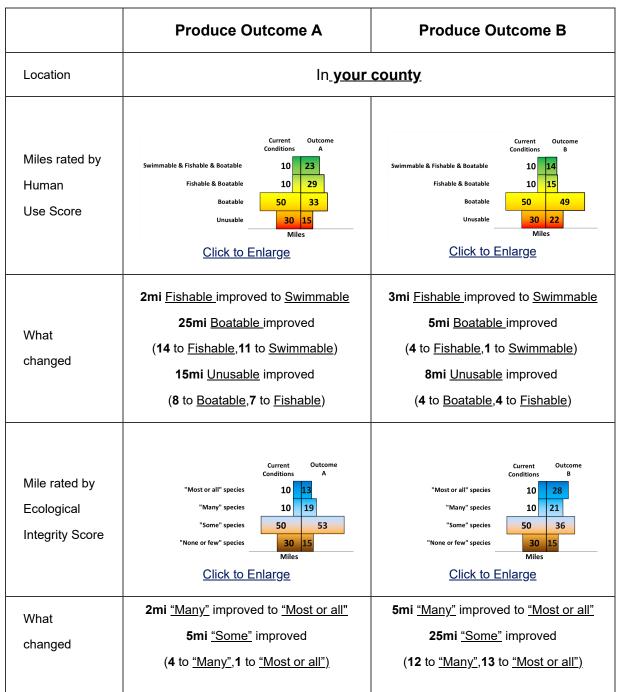
Ο

PRODUCE OUTCOME A: \$100/year for 10 years

Ο

Section IV: CHOICE QUESTIONS - BLOCK 4

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



	15mi <u>"None or Few"</u> improved (8 to <u>"Some"</u> , 7 to <u>"Many"</u>)	15mi <u>"None or Few"</u> improved (11 to <u>"Some"</u> , 4 to <u>"Many"</u>)
Your Annual Cost	\$250/yr for 10 years	\$40/yr for 10 years
NO ACTION \$0/year for 10		
PRODUCE OU \$250/year for O	_	
	ITCOME B:	

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

If you are having trouble understanding the question, kindly rewatch the study's instruction vide	If you are having trouble	understanding the question	n, kindly rewatch the <u>stud</u>	y's instruction video
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	Produce Outcome A	Produce Outcome B
Location	In <u>your</u>	<u>county</u>
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 0 15 Fishable & Boatable 0 25 Boatable 60 40 Unusable 40 20 Miles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 0 15 Fishable & Boatable 0 20 Boatable 60 45 Unusable 40 20 Miles Click to Enlarge
What changed	0mi <u>Fishable</u> improved to <u>Swimmable</u> 30mi <u>Boatable</u> improved (15 to <u>Fishable</u> ,15 to <u>Swimmable</u>) 20mi <u>Unusable</u> improved (10 to <u>Boatable</u> ,10 to <u>Fishable</u>)	0mi <u>Fishable</u> improved to <u>Swimmable</u> 30mi <u>Boatable</u> improved (15 to <u>Fishable</u> , 15 to <u>Swimmable</u>) 20mi <u>Unusable</u> improved (15 to <u>Boatable</u> , 5 to <u>Fishable</u>)

Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 0 1 "Many" species 0 24 "Some" species 60 55 "None or few" species 40 20 Miles Click to Enlarge	Current Outcome Conditions B "Most or all" species 0 14 "Many" species 0 18 "Some" species 60 38 "None or few" species 40 30 Miles <u>Click to Enlarge</u>
What changed	 0mi <u>"Many"</u> improved to <u>"Most or all"</u> 15mi <u>"Some"</u> improved (14 to <u>"Many"</u>,1 to <u>"Most or all")</u> 20mi <u>"None or Few"</u> improved (10 to <u>"Some"</u>,10 to <u>"Many")</u> 	 0mi <u>"Many"</u> improved to <u>"Most or all"</u> 30mi <u>"Some"</u> improved (16 to <u>"Many"</u>,14 to <u>"Most or all")</u> 10mi <u>"None or Few"</u> improved (8 to <u>"Some"</u>, 2 to <u>"Many"</u>)
Your Annual Cost	\$250/yr for 10 years	\$300/yr for 10 years

Ο

PRODUCE OUTCOME A: \$250/year for 10 years

0

PRODUCE OUTCOME B: \$300/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A Produce Outcome B	
Location	A county with rivers and streams that receive water from your <u>county</u>	

Miles rated by Human Use Score	Current Outcome Conditions A Swimmable & Fishable & Boatable 20 32 Fishable & Boatable 20 18 Boatable 30 28 Unusable 30 22 Miles <u>Click to Enlarge</u>	Current Conditions Outcome B Swimmable & Fishable & Boatable 20 32 Fishable & Boatable 20 30 Boatable 30 23 Unusable 30 15 Miles Click to Enlarge
What changed	 10mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (6 to <u>Fishable</u>,2 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (6 to <u>Boatable</u>,2 to <u>Fishable</u>) 	6mi <u>Fishable</u> improved to <u>Swimmable</u> 15mi <u>Boatable</u> improved (9 to <u>Fishable</u> ,6 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (8 to <u>Boatable</u> ,7 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Outcome Conditions A "Most or all" species 20 34 "Many" species 20 25 "Some" species 30 26 "None or few" species 30 15 Miles Click to Enlarge	Current Conditions Outcome B "Most or all" species 20 30 "Many" species 20 19 "Some" species 30 24 "None or few" species 30 27 Wiles Click to Enlarge
What changed	 10mi <u>"Many"</u> improved to <u>"Most or all"</u> 15mi <u>"Some"</u> improved (11 to <u>"Many"</u>,4 to <u>"Most or all")</u> 15mi <u>"None or Few"</u> improved (11 to <u>"Some"</u>,4 to <u>"Many"</u>) 	6mi <u>"Many"</u> improved to <u>"Most or all"</u> 8mi <u>"Some"</u> improved (4 to <u>"Many",4</u> to <u>"Most or all")</u> 3mi <u>"None or Few"</u> improved (2 to <u>"Some",1</u> to <u>"Many"</u>)
Your Annual Cost	\$100/yr for 10 years	\$60/yr for 10 years

0

PRODUCE OUTCOME A: \$100/year for 10 years

0

PRODUCE OUTCOME B: \$60/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	A county with rivers and streams that is disconnected from your county	
Miles rated by Human Use Score	Current Conditions Outcome Conditions Swimmable & Fishable & Boatable 0 1 Fishable & Boatable 0 5 Boatable 60 58 Unusable 40 36 Miles Click to Enlarge	Swimmable & Fishable & Boatable 0 1 Fishable & Boatable 0 5 Boatable 60 64 Unusable 40 30 Miles Click to Enlarge
What changed	0mi <u>Fishable</u> improved to <u>Swimmable</u> 6mi <u>Boatable</u> improved (5 to <u>Fishable</u> ,1 to <u>Swimmable</u>) 4mi <u>Unusable</u> improved (4 to <u>Boatable</u> ,0 to <u>Fishable</u>)	0mi <u>Fishable</u> improved to <u>Swimmable</u> 6mi <u>Boatable</u> improved (5 to <u>Fishable</u> ,1 to <u>Swimmable</u>) 10mi <u>Unusable</u> improved (10 to <u>Boatable</u> ,0 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Outcome Conditions A "Most or all" species 25 25 "Many" species 55 59 "Some" species 15 12 "None or few" species 5 4 Miles Click to Enlarge	Current Outcome Conditions B "Most or all" species 25 25 "Many" species 55 57 "Some" species 15 14 "None or few" species 5 4 Miles Click to Enlarge
What	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 4mi <u>"Some"</u> improved	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 2mi <u>"Some"</u> improved
changed	 4mi <u>Some</u> improved (4 to <u>"Many"</u>,0 to <u>"Most or all")</u> 1mi <u>"None or Few"</u> improved (1 to <u>"Some"</u>,0 to <u>"Many"</u>) 	 2mi <u>Some</u> improved (2 to <u>"Many"</u>,0 to <u>"Most or all")</u> 1mi <u>"None or Few"</u> improved (1 to <u>"Some"</u>,0 to <u>"Many"</u>)

Cost

NO ACTION: \$0/year for 10 years
0
PRODUCE OUTCOME A: \$300/year for 10 years
0
PRODUCE OUTCOME B: \$300/year for 10 years
0

Section IV: CHOICE QUESTIONS - BLOCK 5

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	
Miles rated by Human Use Score	Current Outcome Conditions A Swimmable & Fishable & Boatable 10 22 Fishable & Boatable 20 34 Boatable 45 25 Unusable 25 19 Miles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 10 25 Fishable & Boatable 20 16 Boatable 45 47 Unusable 25 12 Miles Click to Enlarge
What changed	6mi <u>Fishable</u> improved to <u>Swimmable</u> 23mi <u>Boatable</u> improved (17 to <u>Fishable</u> ,6 to <u>Swimmable</u>) 6mi <u>Unusable</u> improved (3 to <u>Boatable</u> ,3 to <u>Fishable</u>)	 10mi <u>Fishable</u> improved to <u>Swimmable</u> 11mi <u>Boatable</u> improved (6 to <u>Fishable</u>,5 to <u>Swimmable</u>) 13mi <u>Unusable</u> improved (13 to <u>Boatable</u>,0 to <u>Fishable</u>)



0

PRODUCE OUTCOME A: \$100/year for 10 years

0

PRODUCE OUTCOME B: \$250/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	

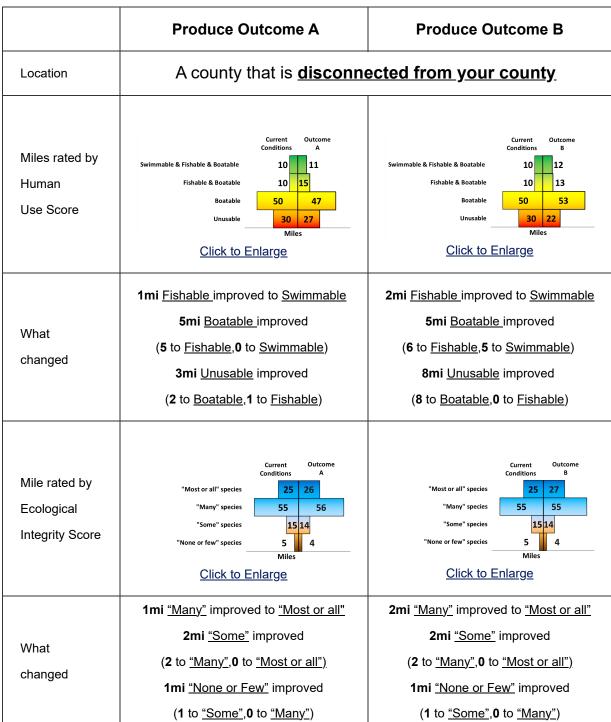
Miles rated by Human Use Score	Swimmable & Fishable & Boatable Fishable & Boatable Unusable Current Conditions Outcome A 7 13 Boatable 0 40 20 Miles Click to Enlarge	Current Outcome Swimmable & Fishable & Boatable 0 15 Fishable & Boatable 0 20 Boatable 60 35 Unusable 40 30 Miles Click to Enlarge
What changed	0mi <u>Fishable</u> improved to <u>Swimmable</u> 15mi <u>Boatable</u> improved (8 to <u>Fishable</u> ,7 to <u>Swimmable</u>) 20mi <u>Unusable</u> improved (15 to <u>Boatable</u> ,5 to <u>Fishable</u>)	0mi <u>Fishable</u> improved to <u>Swimmable</u> 30mi <u>Boatable</u> improved (15 to <u>Fishable</u> ,15 to <u>Swimmable</u>) 10mi <u>Unusable</u> improved (5 to <u>Boatable</u> ,5 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	"Most or all" species 0 7 "Many" species 0 33 "Some" species 60 40 "None or few" species 40 20 Miles Click to Enlarge	Current Conditions Outcome B "Most or all" species 0 2 "Many" species 0 6 "Some" species 60 62 "None or few" species 40 30 Milles Click to Enlarge
What changed	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 30mi <u>"Some"</u> improved (23 to <u>"Many"</u> ,7 to <u>"Most or all")</u> 20mi <u>"None or Few"</u> improved (10 to <u>"Some"</u> ,10 to <u>"Many"</u>)	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 6mi <u>"Some"</u> improved (4 to <u>"Many"</u> ,2 to <u>"Most or all")</u> 10mi <u>"None or Few"</u> improved (8 to <u>"Some"</u> ,2 to <u>"Many"</u>)
Your Annual Cost	\$500/yr for 10 years	\$300/yr for 10 years

0

PRODUCE OUTCOME A: \$500/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



Cost

NO ACTION: \$0/year for 10 years O PRODUCE OUTCOME A: \$300/year for 10 years

Ο

PRODUCE OUTCOME B: \$500/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	A county with rivers and strea <u>cou</u>	-
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 25 27 Fishable & Boatable 45 45 Boatable 20 19 Unusable 10 9 Miles Click to Enlarge	Current Outcome Conditions B Swimmable & Fishable & Boatable 25 32 Fishable & Boatable 45 43 Boatable 20 16 Unusable 10 9 Miles Click to Enlarge
What changed	2mi <u>Fishable</u> improved to <u>Swimmable</u> 2mi <u>Boatable</u> improved (2 to <u>Fishable</u> ,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u> ,0 to <u>Fishable</u>)	 7mi <u>Fishable</u> improved to <u>Swimmable</u> 5mi <u>Boatable</u> improved (5 to <u>Fishable</u>,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u>,0 to <u>Fishable</u>)

Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 25 26 "Many" species 55 56 "Some" species 15 14 "None or few" species 5 4 Click to Enlarge 6 6	Current Outcome Conditions B "Most or all" species 25 27 "Many" species 55 55 "Some" species 15 14 "None or few" species 5 4 Miles <u>Click to Enlarge</u>
What changed	 2mi <u>"Many"</u> improved to <u>"Most or all"</u> 2mi <u>"Some"</u> improved (2 to <u>"Many"</u>,0 to <u>"Most or all"</u>) 1mi <u>"None or Few"</u> improved (1 to <u>"Some"</u>,0 to <u>"Many"</u>) 	 2mi <u>"Many"</u> improved to <u>"Most or all"</u> 2mi <u>"Some"</u> improved (2 to <u>"Many"</u>,0 to <u>"Most or all"</u>) 1mi <u>"None or Few"</u> improved (1 to <u>"Some"</u>,0 to <u>"Many"</u>)
Your Annual Cost	\$60/yr for 10 years	\$100/yr for 10 years

0

PRODUCE OUTCOME A: \$60/year for 10 years

0

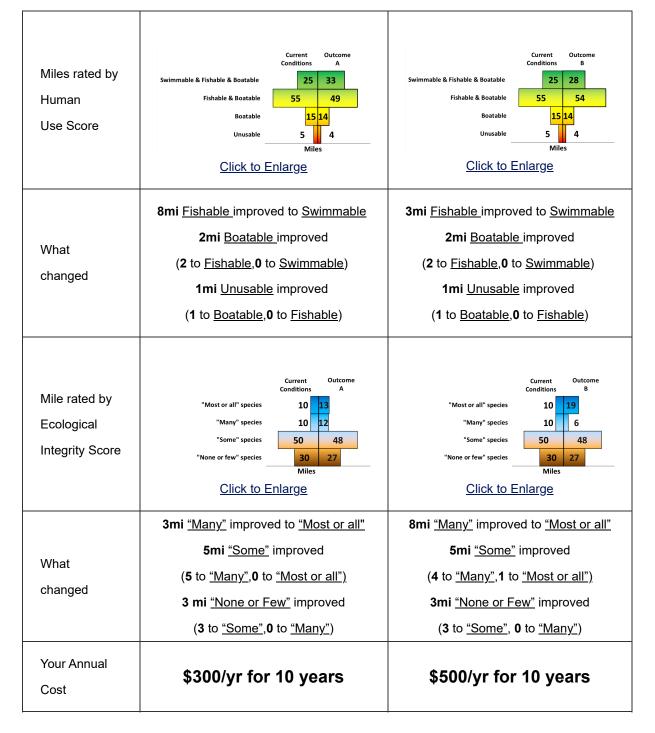
PRODUCE OUTCOME B: \$100/year for 10 years

Ο

Section IV: CHOICE QUESTIONS - BLOCK 6

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	



Ο

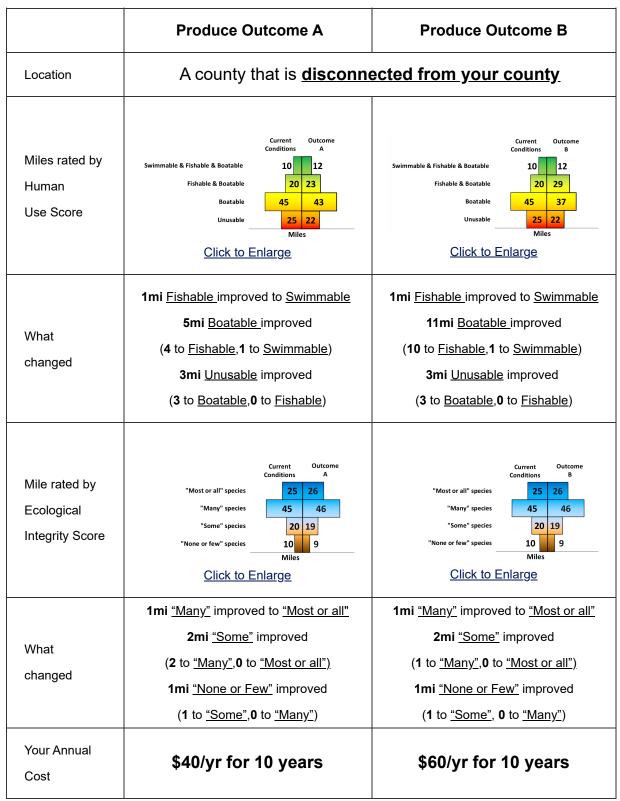
PRODUCE OUTCOME A: \$300/year for 10 years

Ο

PRODUCE OUTCOME B: \$500/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



PRODUCE OUTCOME A: \$40/year for 10 years

PRODUCE OUTCOME B: \$60/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

Produce Outcome B Produce Outcome A Location In your county Current Outcome Current Outcome Condition Miles rated by Swimmable & Fishable & Boatable 10 20 Swimmable & Fishable & Boatable 10 25 Human Fishable & Boatable 20 27 Fishable & Boatable 20 29 Boatable 45 41 Boatable 45 27 Use Score 12 25 Unusable Unusable 25 19 Miles Miles Click to Enlarge Click to Enlarge 6mi Fishable improved to Swimmable 10mi Fishable improved to Swimmable 11mi Boatable improved 23mi Boatable improved What (7 to Fishable,4 to Swimmable) (18 to Fishable,5 to Swimmable) changed 13mi Unusable improved 6mi Unusable improved (7 to Boatable,6 to Fishable) (5 to Boatable,1 to Fishable) Mile rated by Outcome Outcome Current Current Ecological "Most or all" species 10 10 "Most or all" species 21 Integrity Score "Many" species 20 23 23 20 "Many" species "Some" species 45 50 "Some" species 45 37 "None or few" species 25 "None or few" species 25 19 Miles Miles

	Click to Enlarge	Click to Enlarge
	3mi <u>"Many"</u> improved to <u>"Most or all"</u>	6mi <u>"Many"</u> improved to <u>"Most or all"</u>
	5mi <u>"Some"</u> improved	11mi <u>"Some"</u> improved
What	(3 to <u>"Many"</u> , 2 to <u>"Most or all")</u>	(6 to <u>"Many"</u> , 5 to <u>"Most or all")</u>
changed	13mi <u>"None or Few"</u> improved	6mi <u>"None or Few"</u> improved
	(10 to <u>"Some"</u> , 3 to <u>"Many"</u>)	(3 to <u>"Some"</u> , 3 to <u>"Many"</u>)
Your Annual Cost	\$300/yr for 10 years	\$500/yr for 10 years

Ο

PRODUCE OUTCOME A: \$300/year for 10 years

0

PRODUCE OUTCOME B: \$500/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Ou	utcome A	Produce Outo	come B
Location	A county with		ams that <u>send wate</u> <u>unty</u>	<u>er to your</u>
Miles rated by Human Use Score	Swimmable & Fishable & Boatable Fishable & Boatable Boatable Unusable <u>Click to Er</u>	Current Outcome Conditions A 20 33 20 23 30 17 30 27 Miles hlarge		Current Outcome onditions B 20 32 20 18 30 28 30 22 Miles

What changed	6mi <u>Fishable</u> improved to <u>Swimmable</u> 15mi <u>Boatable</u> improved (8 to <u>Fishable</u> ,7 to <u>Swimmable</u>) 3mi <u>Unusable</u> improved (2 to <u>Boatable</u> ,1 to <u>Fishable</u>)	10mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (6 to <u>Fishable</u> ,2 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (6 to <u>Boatable</u> ,2 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 20 33 "Many" species 20 26 "Some" species 30 19 "None or few" species 30 22 Miles Click to Enlarge	Current Outcome Conditions B "Most or all" species 20 32 "Many" species 20 20 "Some" species 30 26 "None or few" species 30 22 Miles Click to Enlarge
What changed	6mi <u>"Many"</u> improved to <u>"Most or all"</u> 15mi <u>"Some"</u> improved (8 to <u>"Many"</u> ,7 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (4 to <u>"Some"</u> ,4 to <u>"Many"</u>)	 10mi <u>"Many"</u> improved to <u>"Most or all"</u> 8mi <u>"Some"</u> improved (6 to <u>"Many"</u>,2 to <u>"Most or all"</u>) 8mi <u>"None or Few"</u> improved (4 to <u>"Some"</u>, 4 to <u>"Many"</u>)
Your Annual Cost	\$100/yr for 10 years	\$60/yr for 10 years

NO ACTION:

\$0/year for 10 years

Ο

PRODUCE OUTCOME A: \$100/year for 10 years

Ο

PRODUCE OUTCOME B: \$60/year for 10 years

0

Section IV: CHOICE QUESTIONS - BLOCK 7

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	
Miles rated by Human Use Score	Swimmable & Fishable & Boatable 0 4 Fishable & Boatable 0 21 Boatable 60 55 Unusable 40 20 Miles <u>Click to Enlarge</u>	Current Conditions Outcome B Swimmable & Fishable & Boatable 0 15 Fishable & Boatable 0 25 Boatable 60 40 Unusable 40 20 Miles Click to Enlarge
What changed	0mi <u>Fishable</u> improved to <u>Swimmable</u> 15mi <u>Boatable</u> improved (11 to <u>Fishable</u> ,4 to <u>Swimmable</u>) 20mi <u>Unusable</u> improved (10 to <u>Boatable</u> ,10 to <u>Fishable</u>)	0mi <u>Fishable</u> improved to <u>Swimmable</u> 30mi <u>Boatable</u> improved (15 to <u>Fishable</u> ,15 to <u>Swimmable</u>) 20mi <u>Unusable</u> improved (10 to <u>Boatable</u> ,10 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 10 16 "Many" species 10 24 "Some" species 50 45 "None or few" species 30 15 Milles Milles	Current Conditions Outcome B "Most or all" species 10 "Many" species 10 "Some" species 50 "None or few" species 30 Outcome 22 Miles 0 Click to Enlarge
What changed	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 13mi <u>"Some"</u> improved (7 to <u>"Many"</u> ,6 to <u>"Most or all")</u> 15mi <u>"None or Few"</u> improved (8 to <u>"Some"</u> ,7 to <u>"Many"</u>)	0mi <u>"Many"</u> improved to <u>"Most or</u> <u>all"</u> 25mi <u>"Some"</u> improved (19 to <u>"Many"</u> ,6 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (6 to <u>"Some"</u> , 2 to <u>"Many"</u>)
Your Annual Cost	\$100/yr for 10 years	\$100/yr for 10 years

NO ACTION:

\$0/year for 10 years

PRODUCE OUTCOME A: \$100/year for 10 years

PRODUCE OUTCOME B: \$100/year for 10 years

 \cap

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in 10 years are listed here. If you were voting now, which option would you vote for? (Mark one box at the bottom to indicate which option you would prefer.)

Produce Outcome A Produce Outcome B Location A county with rivers and streams that **send water to your county** Current Outcome Current Outcome ndition Condition в Miles rated by Swimmable & Fishable & Boatable 31 25 Swimmable & Fishable & Boatable 25 44 Human Fishable & Boatable 45 44 Fishable & Boatable 45 37 Boatable 20 16 20 14 Boatable Use Score Unusable 10 9 Unusable 10 5 Miles Miles Click to Enlarge Click to Enlarge 6mi Fishable improved to Swimmable 14mi Fishable improved to Swimmable 5mi Boatable improved 10mi Boatable improved What (5 to Fishable,0 to Swimmable) (5 to Fishable,5 to Swimmable) changed 1mi Unusable improved 5mi Unusable improved (4 to Boatable,1 to Fishable) (1 to Boatable,0 to Fishable) Mile rated by Outcome Current Outcome Current Ecological Most or all" species 50 25 33 25 "Most or all" species Integrity Score 27 45 43 "Many" species 45 "Many" species 20 18 20 "Some" species "Some" species 19 "None or few" species 10 5 "None or few" species 10 5 Miles

Miles

Your Annual Cost	(3 to <u>"Some"</u> ,2 to <u>"Many"</u>) \$100/yr for 10 years	(4 to <u>"Some"</u> ,1 to <u>"Many"</u>) \$60/yr for 10 years
What changed	5mi <u>"Some"</u> improved (3 to <u>"Many"</u> ,2 to <u>"Most or all")</u> 5mi <u>"None or Few"</u> improved	5mi <u>"Some"</u> improved (4 to <u>"Many"</u> ,1 to <u>"Most or all")</u> 5mi <u>"None or Few"</u> improved
	<u>Click to Enlarge</u> 23mi <u>"Many"</u> improved to <u>"Most or all"</u>	<u>Click to Enlarge</u> 7mi <u>"Many"</u> improved to <u>"Most or all"</u>

Ο

PRODUCE OUTCOME A: \$100/year for 10 years

0

PRODUCE OUTCOME B: \$60/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	A county that is <u>disco</u>	nnected from your county
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 25 28 Fishable & Boatable 55 54 Boatable 15 14 Unusable 5 4 Miles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 25 28 Fishable & Boatable 55 54 Boatable 15 14 Unusable 5 4 Miles Click to Enlarge

What changed	 3mi <u>Fishable</u> improved to <u>Swimmable</u> 2mi <u>Boatable</u> improved (2 to <u>Fishable</u>,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u>,0 to <u>Fishable</u>) 	 3mi <u>Fishable</u> improved to <u>Swimmable</u> 2mi <u>Boatable</u> improved (2 to <u>Fishable</u>,0 to <u>Swimmable</u>) 1mi <u>Unusable</u> improved (1 to <u>Boatable</u>,0 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 10 13 "Many" species 20 22 "Some" species 45 46 "None or few" species 25 19 Miles Miles Miles	Current Conditions Outcome B "Most or all" species 10 19 "Many" species 20 23 "Some" species 45 36 "None or few" species 25 22 Miles Click to Enlarge
What changed	 3mi <u>"Many"</u> improved to <u>"Most or all"</u> 5mi <u>"Some"</u> improved (5 to <u>"Many"</u>,0 to <u>"Most or all")</u> 6mi <u>"None or Few"</u> improved (6 to <u>"Some"</u>,0 to <u>"Many"</u>) 	 8mi <u>"Many"</u> improved to <u>"Most or all"</u> 11mi <u>"Some"</u> improved (10 to <u>"Many"</u>,1 to <u>"Most or all"</u>) 3mi <u>"None or Few"</u> improved (2 to <u>"Some"</u>,1 to <u>"Many"</u>)
Your Annual Cost	\$300/yr for 10 years	\$500/yr for 10 years

NO ACTION:

\$0/year for 10 years

Ο

PRODUCE OUTCOME A: \$300/year for 10 years

0

PRODUCE OUTCOME B: \$500/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 20 31 Fishable & Boatable 20 16 Boatable 30 31 Unusable 30 22 Miles Click to Enlarge	Current Outcome Conditions B Swimmable & Fishable & Boatable 20 28 Fishable & Boatable 20 24 Boatable 30 33 Unusable 30 15 Miles Click to Enlarge
What changed	10mi <u>Fishable</u> improved to <u>Swimmable</u> 3mi <u>Boatable</u> improved (2 to <u>Fishable</u> ,1 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (4 to <u>Boatable</u> ,4 to <u>Fishable</u>)	6mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (6 to <u>Fishable</u> ,2 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (11 to <u>Boatable</u> ,4 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 20 30 "Many" species 20 27 "Some" species 30 21 "None or few" species 30 22 Miles Click to Enlarge	Current Outcome Conditions B "Most or all" species 20 30 "Many" species 20 29 "Some" species 30 19 "None or few" species 30 22 Miles Click to Enlarge
What changed Your Annual Cost	6mi <u>"Many"</u> improved to <u>"Most or all"</u> 15mi <u>"Some"</u> improved (11 to <u>"Many"</u> ,4 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (6 to <u>"Some"</u> ,2 to <u>"Many"</u>) \$60/yr for 10 years	8mi <u>"Many"</u> improved to <u>"Most or all"</u> 11mi <u>"Some"</u> improved (10 to <u>"Many"</u> ,1 to <u>"Most or all")</u> 3mi <u>"None or Few"</u> improved (2 to <u>"Some"</u> ,1 to <u>"Many"</u>) \$60/yr for 10 years

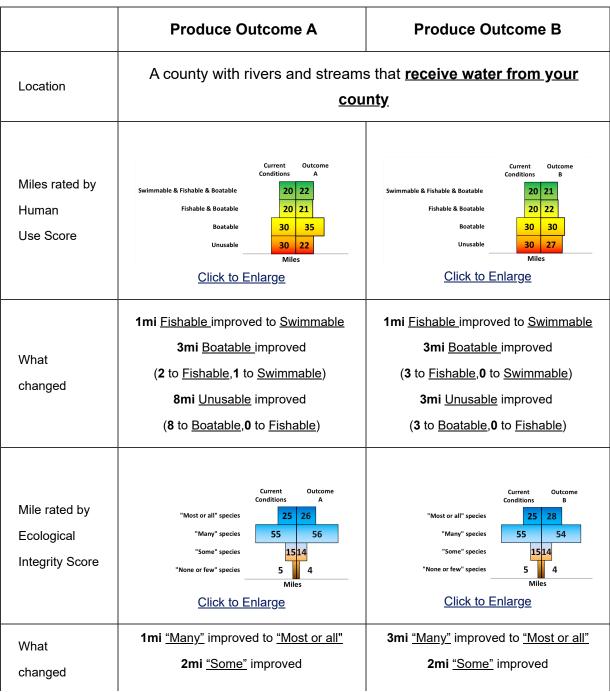
0

PRODUCE OUTCOME A: \$60/year for 10 years

0

Section IV: CHOICE QUESTIONS - BLOCK 8

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



Your Annual Cost	\$500/yr for 10 years	\$250/yr for 10 years
	(1 to <u>"Some"</u> , 0 to <u>"Many"</u>)	(1 to <u>"Some"</u> ,0 to <u>"Many"</u>)
	1mi <u>"None or Few"</u> improved	1mi <u>"None or Few"</u> improved
	(2 to <u>"Many"</u> , 0 to <u>"Most or all")</u>	(2 to <u>"Many"</u> , 0 to <u>"Most or all")</u>

Ο

PRODUCE OUTCOME A: \$500/year for 10 years

Ο

PRODUCE OUTCOME B: \$250/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

If you are having trouble understanding the question, kindly rewatch the study's inst	nstruction video
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	Produce Outcome A	Produce Outcome B
Location	In <u>your county</u>	
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 10 18 Fishable & Boatable 20 35 Boatable 45 35 Unusable 25 12 Miles Click Here	Current Conditions Outcome B Swimmable & Fishable & Boatable 10 18 Fishable & Boatable 20 26 Boatable 45 37 Unusable 25 19 Miles Click Here
What changed	6mi <u>Fishable</u> improved to <u>Swimmable</u> 23mi <u>Boatable</u> improved (21 to <u>Fishable</u> , 2 to <u>Swimmable</u>)	3mi <u>Fishable</u> improved to <u>Swimmable</u> 11mi <u>Boatable</u> improved (6 to <u>Fishable</u> , 5 to <u>Swimmable</u>)

	13mi <u>Unusable</u> improved (13 to <u>Boatable</u> , 0 to <u>Fishable</u>)	6mi <u>Unusable</u> improved (3 to <u>Boatable</u> , 3 to <u>Fishable</u>)
Mile rated by Ecological Integrity Score	Current Outcome Conditions A "Most or all" species "Many" species 20 25 "Some" species 30 19 "None or few" species 30 22 Miles Click Here	Current Outcome Conditions B "Most or all" species 20 30 "Many" species 20 22 "Some" species 30 33 "None or few" species 30 15 Miles Click Here
What changed	10mi <u>"Many"</u> improved to <u>"Most or all"</u> 15mi <u>"Some"</u> improved (11 to <u>"Many"</u> ,4 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (4 to <u>"Some",4</u> to <u>"Many"</u>)	6mi <u>"Many"</u> improved to <u>"Most or all"</u> 8mi <u>"Some"</u> improved (4 to <u>"Many",4</u> to <u>"Most or all")</u> 15mi <u>"None or Few"</u> improved (11 to <u>"Some",4</u> to <u>"Many"</u>)
Your Annual Cost	\$250/yr for 10 years	\$40/yr for 10 years

Ο

PRODUCE OUTCOME A: \$250/year for 10 years

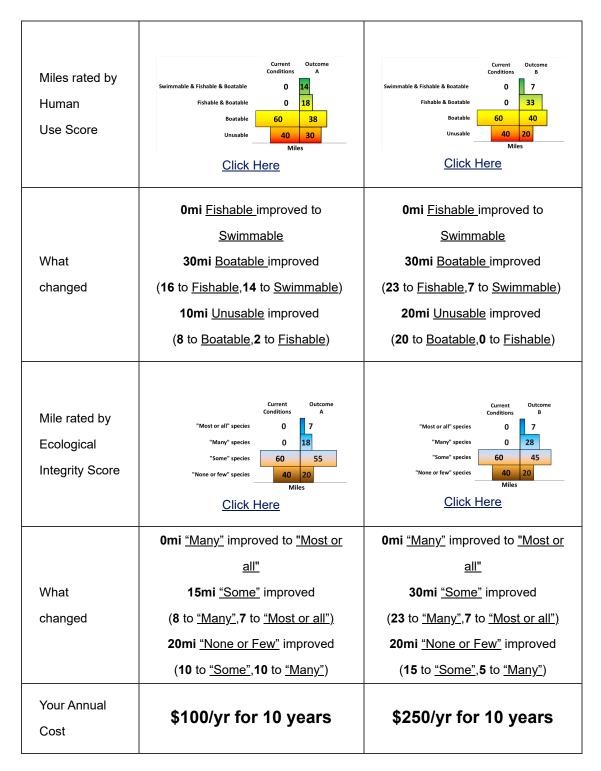
Ο

PRODUCE OUTCOME B: \$40/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	In <u>your</u>	<u>county</u>

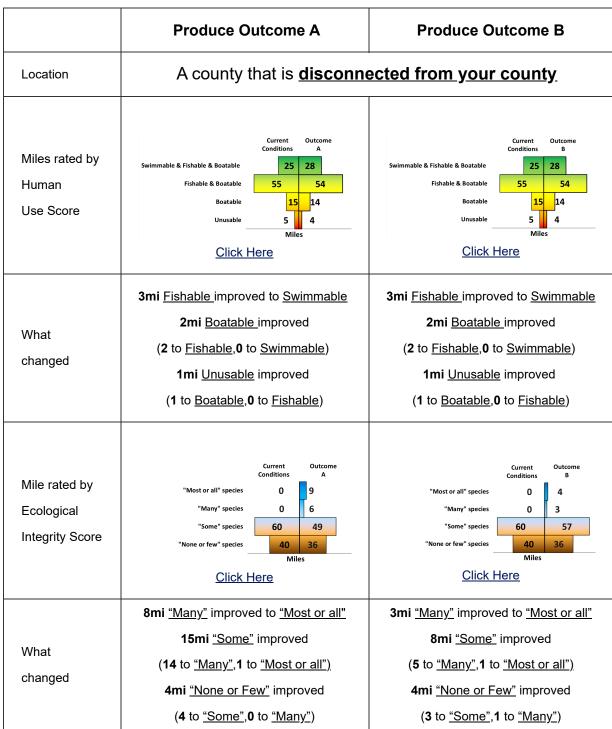


0

PRODUCE OUTCOME A: \$100/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



Cost

NO ACTION: \$0/year for 10 years O PRODUCE OUTCOME A: \$500/year for 10 years O PRODUCE OUTCOME B: \$250/year for 10 years O

Section IV: CHOICE QUESTIONS - BLOCK 9

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B		
Location	In <u>your</u>	<u>county</u>		
Miles rated by Human Use Score	Current Conditions Outcome A Swimmable & Fishable & Boatable 20 32 Fishable & Boatable 20 20 Boatable 30 33 Unusable 30 15 Milles Click to Enlarge	Current Conditions Outcome B Swimmable & Fishable & Boatable 20 33 Fishable & Boatable 20 26 Boatable 30 19 Unusable 30 22 Miles Click to Enlarge		
What changed	10mi <u>Fishable</u> improved to <u>Swimmable</u> 8mi <u>Boatable</u> improved (6 to <u>Fishable</u> ,2 to <u>Swimmable</u>) 15mi <u>Unusable</u> improved (13 to <u>Boatable</u> ,2 to <u>Fishable</u>)	6mi <u>Fishable</u> improved to <u>Swimmable</u> 15mi <u>Boatable</u> improved (9 to <u>Fishable</u> ,7 to <u>Swimmable</u>) 8mi <u>Unusable</u> improved (4 to <u>Boatable</u> ,4 to <u>Fishable</u>)		

Mile rated by Ecological Integrity Score	Current Conditions Outcome A "Most or all" species 20 34 "Many" species 20 15 "Some" species 30 24 "None or few" species 30 27 Miles Click to Enlarge	Current Conditions Outcome B "Most or all" species 20 30 "Many" species 20 22 "Some" species 30 26 "None or few" species 30 22 Milles Click to Enlarge
What changed	 10mi <u>"Many"</u> improved to <u>"Most or all"</u> 8mi <u>"Some"</u> improved (4 to <u>"Many"</u>,4 to <u>"Most or all")</u> 3mi <u>"None or Few"</u> improved (2 to <u>"Some"</u>,1 to <u>"Many")</u> 	6mi <u>"Many"</u> improved to <u>"Most or all"</u> 8mi <u>"Some"</u> improved (4 to <u>"Many",</u> 4 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (4 to <u>"Some"</u> ,4 to <u>"Many"</u>)
Your Annual Cost	\$100/yr for 10 years	\$100/yr for 10 years

0

PRODUCE OUTCOME A: \$100/year for 10 years

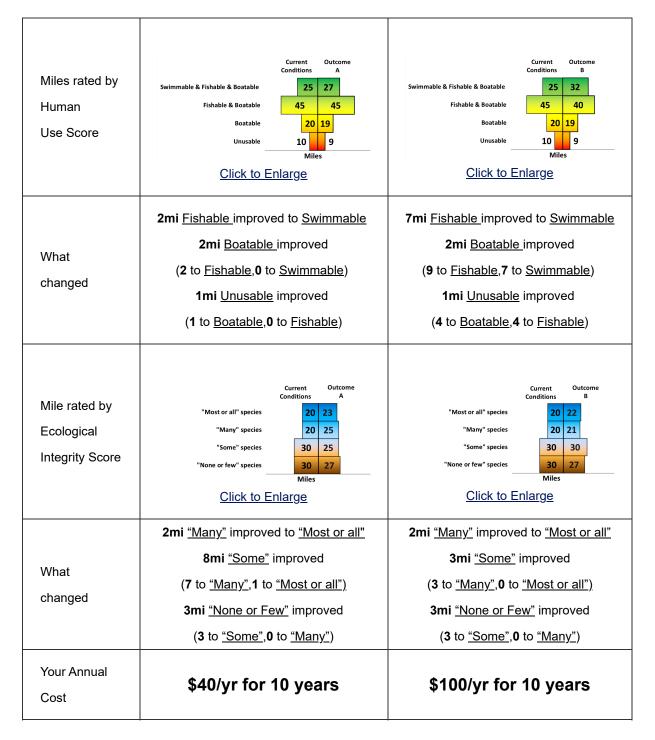
Ο

PRODUCE OUTCOME B: \$100/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

	Produce Outcome A	Produce Outcome B
Location	A county that is disconne	ected from your county



0

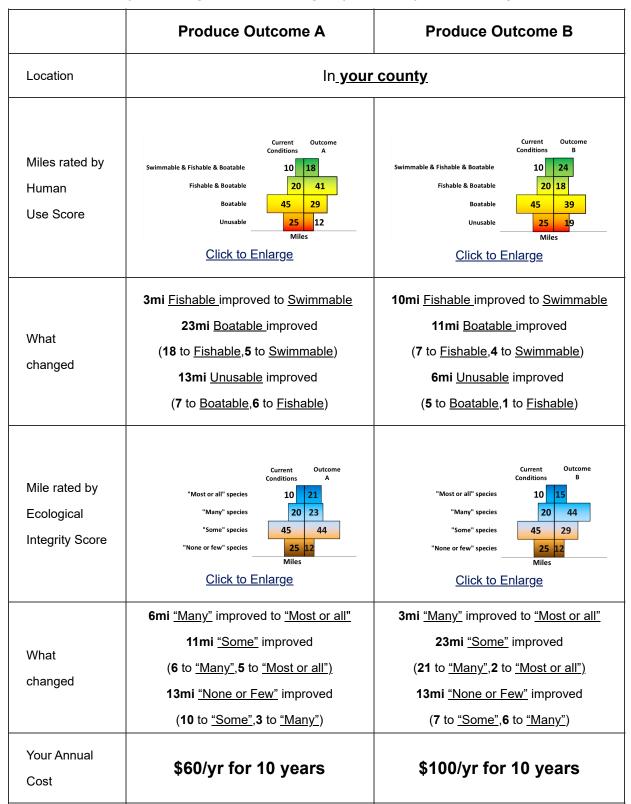
PRODUCE OUTCOME A: \$40/year for 10 years

С

PRODUCE OUTCOME B: \$100/year for 10 years

0

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)



Ο

PRODUCE OUTCOME A: \$60/year for 10 years

PRODUCE OUTCOME B: \$100/year for 10 years

Ο

Suppose only three program options (No Action, Produce Outcome A, Produce Outcome B) are available and their expected outcomes for rivers and streams in <u>10</u> <u>years</u> are listed here. If you were voting now, which option would you vote for? (*Mark one box at the bottom to indicate which option you would prefer.*)

Produce Outcome A Produce Outcome B A county with rivers and streams that send water to your Location <u>county</u> Current Conditions Current Outcome Miles rated by Swimmable & Fishable & Boatable 10 27 mmable & Fishable & Boatable 10 15 Fishable & Boatable 10 20 Fishable & Boatable 10 Human 25 Boatable 50 31 Boatable 50 45 Use Score 30 22 Unusable 30 15 Unusable Miles Miles Click to Enlarge Click to Enlarge 5mi Fishable improved to Swimmable 3mi Fishable improved to Swimmable 25mi Boatable improved 13mi Boatable improved What (13 to Fishable, 12 to Swimmable) (11 to Fishable,2 to Swimmable) changed 8mi Unusable improved 15mi Unusable improved (6 to Boatable,2 to Fishable) (8 to Boatable,7 to Fishable)

Mile rated by Ecological Integrity Score	Current Outcome Conditions A "Most or all" species 10 21 "Many" species 10 23 "Some" species 50 44 "None or few" species <u>30 12</u> Miles <u>Click to Enlarge</u>	Current Outcome Conditions B "Most or all" species 10 17 "Many" species 10 35 "Some" species 50 33 "None or few" species <u>30 15</u> Miles <u>Click to Enlarge</u>
What changed	2mi <u>"Many"</u> improved to <u>"Most or all"</u> 25mi <u>"Some"</u> improved (6 to <u>"Many"</u> ,5 to <u>"Most or all")</u> 8mi <u>"None or Few"</u> improved (10 to <u>"Some"</u> ,3 to <u>"Many"</u>)	 5mi <u>"Many"</u> improved to <u>"Most or all"</u> 25mi <u>"Some"</u> improved (23 to <u>"Many"</u>,2 to <u>"Most or all")</u> 15mi <u>"None or Few"</u> improved (8 to <u>"Some"</u>,7 to <u>"Many"</u>)
Your Annual Cost	\$40/yr for 10 years	\$250/yr for 10 years

0

PRODUCE OUTCOME A: \$40/year for 10 years

Ο

PRODUCE OUTCOME B: \$250/year for 10 years

Ο

SECTION VI: Thinking about how you just voted...

If the new taxes were raised <u>under the authority of your state legislature</u>, how confident are you that these taxes would be dedicated to only support water quality improvement programs?

Not confident at all O Somewhat confident

Moderately confident O	
Confident O	
Very confident	

If the new taxes, as presented in our voting choice questions, were raised <u>under</u> <u>Congressional authority</u>, how confident are you that these taxes would be dedicated to only support water quality improvement programs?

Not confident at all O Somewhat confident O Moderately confident O Confident O Very confident

The State of Missouri has established certain taxes (to support conservation) through specific Amendments to the Missouri State Constitution, approved by a public vote of its residents. These taxes can only be used for the purposes specified in that Amendment. Courts have prevented the Missouri legislature from redirecting such funding to alternative purposes, even in times of budget crises. Only the voters of the state can change the use of such funds.

If the new taxes were raised <u>through a taxing approach integrated in *your* State's <u>Constitution</u>, as seen in Missouri, how confident are you that these taxes would be dedicated to only support water quality improvement programs?</u>

Not confident at all

Ο

Somewhat confident

Ο

Moderately confident

0

Confident

Ο

Very confident

Ο

Please rate how much you agree or disagree with the following statements. (Please click on one answer for each statement.)

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
1.I think my state would adopt a taxing approach similar to Missouri	0	0	0	0	0
2.Governments should use existing revenue to pay for conservation	0	0	0	0	0
3.I am against more government spending	0	0	0	0	0
4.I do not trust the government to make proper use of tax money	0	0	0	0	0
5.I think conservation is important	Ο	Ο	0	0	0
6.Polluting entities should pay for conservation	0	0	0	0	0
7.Only those who use the water bodies regularly should pay for their conservation	0	0	0	0	0

	Strongly	Somewhat	Neither agree	Somewhat	Strongly
	agree	agree	nor disagree	disagree	disagree
8.I am willing to help communities upstream do more to protect water quality in rivers and streams	0	0	0	0	0
9. Since food, waste, and activities of my household can contribute to pollution, I am willing to pay some of the costs of water quality improvement directly	0	0	Ο	0	0
	Strongly	Somewhat	Neither agree	Somewhat	Strongly
	agree	agree	nor disagree	disagree	disagree

Please rate how much you agree or disagree with the following statements. (Please click on one answer for each statement.)

	Strongly disagree	Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Agree	Strongl agree
 I voted as if my household would actually face the costs shown in the questions 	0	0	0	0	0	0	0
2. I voted as if the programs would actually achieve the results shown within 10 years	0	0	0	0	0	0	0
 I would vote differently if the programs took longer to achieve the results shown 	0	0	0	0	0	0	0
4. I think the attribute/choice levels presented in this survey were within reasonable bounds	0	0	0	0	0	0	0
5. It is important to improve waters in this area, no matter how high the costs	0	0	0	0	0	0	0
6. Improvements in water quality are important to my county	0	0	0	0	0	0	0
7. The changes presented in the choice questions were generally too small to be of importance	0	0	0	0	0	0	0
8. My use of water bodies has been affected because of degradation of water quality	0	0	0	0	0	0	0

	Strongly disagree	Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Agree	Strongl agree
9. I believe communities downstream benefit more from improving water quality	0	0	0	0	0	0	0
	Strongly disagree	Disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Agree	Strongl agree

SECTION VII: Questions about you and your household

How many children under age 18 are living in your household?

- ONoneO4 to 5 childrenO1 childOMore than 5 children
- O 2 to 3 children

Prior to the coronavirus outbreak, what was your primary employment status? (Choose the one answer that best fits your situation.)

Ο	Employed full time	Ο	Student
Ο	Employed part time	Ο	Disabled
Ο	Unemployed looking for work	Ο	Other
Ο	Unemployed not looking for work	Ο	Prefer not to answer
Ο	Retired		

What is your occupation? (If retired, choose the category that best describes your working years.)

×

V

How has your employment been affected by the outbreak?

Have you or any member of your family ever worked in any of the

following industries or jobs?



What is your total annual pre-tax household income, including all earners in your household?

0	Under \$25,000	0	\$100,000-\$149,999
0	\$25,000-\$49,999	0	\$150,000-\$199,999

- **O** \$50,000-\$74,999
- O \$75,000-\$99,999

- 99,999
- \$200,000 or more

Choose one or more races that you consider yourself to be:

Native American
White
Black or African American
Hispanic
Asian
Native Hawaiian or Pacific Islander
American Indian or Alaska Native
Other (Please Specify)

Are you Spanish, Hispanic, or Latino?

- O Spanish
- O Hispanic
- O Latino
- O None

What is the highest degree or level of schooling you have completed?



0	Completed high school	Ο	Master's degree		
0	Some college	0	Professional degree, or doctorate degree (DDS, JD, PhD, EdD)		
0	Associate's Degree				
What is your gender?					
0	Male	0	Prefer not to say		
\cap	Female	\cap	Prefer to self describe		
0		0			
What is your zip code?					

Do you own a house?

- O Yes
- O No

What do you think is the current market valuation of your home/property?

- O Less than or equal to 100,000 dollars
- O 100,001 200,000 dollars
- O 200,001 300,000 dollars
- O 300,001 400,000 dollars

- **O** 400,001 500,000 dollars
- O 500,001 -750,000 dollars
- O 750,001-1,000,000 dollars
- O More than 1,000,000 dollars

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