

Appendix A. Waushara County Lake Information Directory

Algae - Blue-Green

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/lakes/bluegreenalgae/>

Contact: Wisconsin Department of Health Services
1 West Wilson Street, Madison, WI 53703
Phone: 608-267-3242
Website:
<http://www.dhs.wisconsin.gov/eh/bluegreenalgae/contactus.htm>

Aquatic Invasive Species/Clean Boats Clean Water

Contact: Golden Sands RC&D
1100 Main St., Suite 150, Stevens Point, WI 54481
Phone: 715-343-6215
Websites: www.goldensandsrcd.org
<http://dnr.wi.gov/invasives/>

Aquatic Plant Management (Native and Invasive)

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/lakes/plants/>

Aquatic Plant Identification

Contact: Golden Sands RC&D
1100 Main St., Suite 150, Stevens Point, WI 54481
Phone: 715-343-6215
Website: www.goldensandsrcd.org

Contact: Dr. Emmet Judziewicz
UWSP Freckmann Herbarium
TNR 301, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-4248
E-mail: ejudziew@uwsp.edu

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov

Aquatic Plant Surveys/Management

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/lakes/plants/>

Best Management Practices (rain gardens, shoreland buffers, agricultural practices, runoff controls)

Contact: Ed Hernandez
Waushara County Land Conservation Department
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Boat Landings, Signage, Permissions (County)

Contact: Scott Schuman
Waushara County Parks
PO Box 300, Wautoma, WI 54982
Phone: 920-787-7037
E-mail: wcparks.parks@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/parks.htm>

Boat Landings (State)

Contact: Dave Bartz
Wisconsin Department of Natural Resources
Hwy 22N, Box 430, Montello, WI 53949
Phone: 608-635-4989
E-mail: David.Bartz@wisconsin.gov
Website:
<http://dnr.wi.gov/org/land/facilities/boataccess/>

Boat Landings (Town)

Contact the clerk for the specific town/village in which the boat landing is located.

Citizen Lake Monitoring Network

Contact: Brenda Nordin
Wisconsin Department of Natural Resources
Phone: 920-662-5141
E-mail: brenda.nordin@wisconsin.gov

Conservation Easements

Contact: Gathering Waters Conservancy
211 S. Paterson St., Suite 270, Madison, WI 53703
Phone: 608-251-9131
E-mail: info@gatheringwaters.org
Website: <http://gatheringwaters.org/>

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov

Contact: Patrick Sorge
Wisconsin Department of Natural Resources
PO Box 4001, Eau Claire, WI 54702
Phone: 715-839-3794
E-mail: Patrick.Sorge@wisconsin.gov

Contact: North Central Conservancy Trust
PO Box 124, Stevens Point, WI 54481
Phone: 715-344-1910
E-mail: info@ncctwi.org
Website: <http://www.ncctwi.org/>

Contact: NRCS Stevens Point Service Center
1462 Strongs Ave., Stevens Point, WI 54481
Phone: 715-346-1325

Critical Habitat and Sensitive Areas

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/lakes/criticalhabitat/>

Dams

Contact: Joe Behlen
Wisconsin Department of Natural Resources
473 Griffith Ave., Wisconsin Rapids, WI 54494
Phone: 715-421-9940
E-mail: joseph.behlen@wisconsin.gov
Website: <http://dnr.wi.gov/org/water/wm/dsfm/dams/>

Fertilizers/Soil Testing

Contact: Ken Williams
Waushara County UW- Extension
209 S St. Marie St, PO Box 487, Wautoma, WI 54982
Phone: 920-787-0416
E-mail: ken.williams@ces.uwex.edu
<http://waushara.uwex.edu/agriculture/services>

Fisheries Biologist (management, habitat)

Contact: Dave Bartz
Wisconsin Department of Natural Resources
Hwy 22N, Box 430, Montello, WI 53949
Phone: 608-635-4989
E-mail: David.Bartz@wisconsin.gov
Website: <http://dnr.wi.gov/fish/>

Frog Monitoring—Citizen Based

Contact: Andrew Badje
Wisconsin Department of Natural Resources
Phone: 608-266-3336
E-mail: Andrew.badje@wisconsin.gov
E-mail: WFTS@wisconsin.gov

Grants

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/Aid/Grants.html#tabx8>

Contact: Ed Hernandez
Waushara County Land Conservation Department
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Groundwater Quality

Contact: Kevin Masarik
UWSP Center for Watershed Science & Education
TNR 224, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-4276
E-mail: kmasarik@uwsp.edu
Website: <http://www.uwsp.edu/cnr/watersheds/>

Groundwater Levels/Quantity

Contact: Ed Hernandez
Waushara County Land Conservation Department
Address: PO Box 1109 Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us

Contact: George Kraft
UWSP Center for Watershed Science & Education
TNR 224, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-2984
E-mail: george.kraft@uwsp.edu

Groundwater Levels/Quantity (cont'd)

Contact: Scott Provost
Wisconsin Department of Natural Resources
473 Griffith Ave., Wisconsin Rapids, WI 54494
Phone: 715-421-7881
E-mail: scott.provost@wisconsin.gov
[http://prodoasext.dnr.wi.gov/inter1/hicap\\$.st artup](http://prodoasext.dnr.wi.gov/inter1/hicap$.st artup)

Informational Packets

Contact: UWSP Center for Watershed Science & Education
TNR 224, 800 Reserve St. Stevens Point, WI 54481
Phone: 715-346-2497
E-mail: pclakes@uwsp.edu

Lake Groups – Friends, Associations, Districts

Contact: Patrick Nehring
UWEX Economic Resource Development Agent
PO Box 487, Wautoma, WI 54982
Phone: 920-787-0416
E-mail: Patrick.nehring@ces.uwex.edu

Contact: Patrick Goggin
UWEX Lakes
TNR 203, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-365-8943
E-mail: pgoggin@uwsp.edu
Website:
<http://www.uwsp.edu/cnr/uwexlakes/organizations/>

Contact: Eric Olson
UWEX Lakes
TNR 206, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-2192
E-mail: eolson@uwsp.edu
Website:
<http://www.uwsp.edu/cnr/uwexlakes/organizations/>

Contact: Susan Tesarik
Wisconsin Lakes
4513 Vernon Blvd., Suite 101, Madison, WI 53705
Phone: 1-800-542-5253
E-mail: lakeinfo@wisconsinlakes.org
Website: <http://wisconsinlakes.org/>

Lake Levels

See: Groundwater

Lake-Related Law Enforcement (no-wake, transporting invasives, etc.)

Contact: Ben Mott
State Conservation Warden
Wisconsin Department of Natural Resources
427 E. Tower Drive, Suite 100, Wautoma, WI 54982
Phone: 920-896-3383
Website: <http://www.wigamewarden.com/>

Land Use Plans and Zoning Ordinances

Contact: Terri Dopp-Paukstat
Waushara County Planning and Zoning
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Contact: UWSP Center for Land Use Education
TNR 208, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-3783
E-mail: Center.for.Land.Use.Education@uwsp.edu
Website: <http://www.uwsp.edu/cnr/landcenter/>

Nutrient Management Plans

Contact: Ed Hernandez
Waushara County Land Conservation Department
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Contact: NRCS Stevens Point Service Center
1462 Strongs Ave., Stevens Point, WI 54481
Phone: 715-346-1325

Parks (County)

Contact: Scott Schuman
Waushara County Parks
PO Box 300, Wautoma, WI 54982
Phone: 920-787-7037
E-mail: wcparks.parks@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/parks.htm>

Purchase of Development Rights

Contact: North Central Conservancy Trust
PO Box 124, Stevens Point, WI 54481
Phone: 715-341-7741
E-mail: info@ncctwi.org
Website: <http://www.ncctwi.org/>

Purchase of Land

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov
Website: <http://dnr.wi.gov/topic/stewardship/>

Rain Barrels – Order

Contact: Golden Sands RC&D
1100 Main St., Suite 150, Stevens Point, WI 54481
Phone: 715-343-6215
Website: <http://www.goldensandsrcd.org/store>

Rain Gardens and Stormwater Runoff

Contact: Ed Hernandez
Waushara County Land Conservation Department
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Septic Systems/Onsite Waste

Contact: Terri Dopp-Paukstat
Waushara County Planning and Zoning
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Shoreland Management

Contact: Ed Hernandez
Waushara County Land Conservation Department
PO Box 1109, Wautoma, WI 54982
Phone: 920-787-0453
E-mail: lcdzoning.courthouse@co.waushara.wi.us
Website: <http://www.co.waushara.wi.us/zoning.htm>

Shoreland Vegetation

<http://dnr.wi.gov/topic/ShorelandZoning/>

Shoreland Zoning Ordinances

See: Land Use Plans and Zoning Ordinances

Soil Fertility Testing

Contact: Ken Williams
Waushara County UW- Extension
209 S St. Marie Street, PO Box 487, Wautoma, WI 54982
Phone: 920-787-0416
E-mail: Ken.williams@ces.uwex.edu
Website: <http://waushara.uwex.edu/index.html>

Water Quality Monitoring

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov

Water Quality Problems

Contact: Ted Johnson
Wisconsin Department of Natural Resources
Phone: 920-424-2104
E-mail: TedM.Johnson@wisconsin.gov

Contact: Nancy Turyk
UWSP Center for Watershed Science and Education
TNR 216, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-4155
E-mail: nturyk@uwsp.edu

Wetlands

Contact: Keith Patrick
Wisconsin Department of Natural Resources
5301 Rib Mountain Drive, Wausau, WI 54401
Phone: 715-241-7502
E-mail: keith.patrick@wisconsin.gov
Website: <http://dnr.wi.gov/wetlands/>

Contact: Wisconsin Wetlands Association
214 N. Hamilton Street, #201, Madison, WI 53703
Phone: 608-250-9971
Email: info@wisconsinwetlands.org

Wetland Inventory

Contact: Dr. Emmet Judziewicz
UWSP Freckmann Herbarium
TNR 301, 800 Reserve St., Stevens Point, WI 54481
Phone: 715-346-4248
E-mail: ejudziew@uwsp.edu

Woody Habitat

Contact: Dave Bartz

Wisconsin Department of Natural Resources

Phone:608-635-4989

Address: Hwy 22N Box 430, Montello, WI 53949

E-mail: David.Bartz@wisconsin.gov

Appendix B. Rapid Response Plan

SURVEY/MONITOR

<p>1. Learn how to survey/monitor the lake.</p>	<p>Contacts:</p> <p>Water Resource Management Specialist Wisconsin Department of Natural Resources Phone: 920-424-2104 E-Mail: TedM.Johnson@wisconsin.gov</p> <p>Regional Aquatic Invasive Species (AIS) Coordinator Golden Sands RC&D 1100 Main St., Suite #150 Stevens Point, WI 54481 Phone: 715-343-6278 E-Mail: info@goldensandsrccd.org</p>
<p>2. Survey/monitor the lake monthly/seasonally/annually.</p>	<p>If you find a suspected invasive species, report it as soon as possible using the procedure below.</p>

REPORTING A SUSPECTED INVASIVE SPECIES

<p>1. Collect specimens or take photos.</p> <p>Regardless of the method used, provide as much information as possible. Try to include flowers, seeds or fruit, buds, full leaves, stems, roots and other distinctive features. In photos, place a coin, pencil or ruler for scale. Deliver or send specimen ASAP.</p>	<p>Collect, press and dry a complete sample. This method is best because a plant expert can then examine the specimen.</p> <p>-OR-</p> <p>Collect a fresh sample. Enclose in a plastic bag with a moist paper towel and refrigerate.</p> <p>-OR-</p> <p>Take detailed photos (digital or film).</p>
<p>2. Note the location where the specimen was found.</p> <p>If possible, give the exact geographic location using a GPS (global positioning system) unit, topographic map, or the Wisconsin Gazetteer map book. If using a map, include a photocopy with a dot showing the plant's location. You can use TopoZone.com to find the precise location on a digital topographic map. Click the cursor on the exact collection site and note the coordinates (choose UTM or Latitude/Longitude).</p>	<p>Provide one or more of the following:</p> <ul style="list-style-type: none">• Latitude & Longitude• UTM (Universal Transverse Mercator) coordinates• County, Township, Range, Section, Part-section• Precise written site description, noting nearest city & road names, landmarks, local topography

<p>3. Gather information to aid in positive species identification.</p>	<ul style="list-style-type: none"> • Collection date and county • Your name, address, phone, email • Exact location (Latitude/Longitude or UTM preferred, or Township/Range/Section) • Plant name (common or scientific) • Land ownership (if known) • Population description (estimated number of plants and area covered) • Habitat type(s) where found (forest, field, prairie, wetland, open water)
<p>4. Mail or bring specimens and information to any of the following locations:</p> <p>Digital photos may be emailed.</p>	<p>Wisconsin Dept. Natural Resources 427 E. Tower Drive, Suite 100 Wautoma, WI 54982 Phone: (920) 787-4686</p> <p>Regional AIS Coordinator Golden Sands RC&D 1100 Main St., Suite #150 Stevens Point, WI 54481 Phone: 715-343-6214 E-Mail : info@goldensandsrcd.org</p> <p>UW-Stevens Point Herbarium 301 Trainer Natural Resources Building 800 Reserve Street Stevens Point, WI 54481 Phone: 715-346-4248 E-Mail: ejudziew@uwsp.edu</p> <p>Wisconsin Invasive Plants Reporting & Prevention Project Herbarium-UW-Madison 430 Lincoln Drive Madison, WI 53706 Phone: (608) 267-7612 E-Mail: invasiveplants@mailplus.wisc.edu</p>
<p>5. Once the specimen is dropped off or sent for positive identification, be sure to contact:</p>	<p>Regional AIS Coordinator Golden Sands RC&D 1100 Main St., Suite #150 Stevens Point, WI 54481 Phone: 715-343-6214 E-Mail : info@goldensandsrcd.org</p>

If an invasive species is confirmed, the Regional AIS Coordinator will make the following public information contacts:

- **Wisconsin Department of Natural Resources**
427 E. Tower Drive, Suite 100
Wautoma, WI 54982
Phone: (920) 787-4686

- **The town** in which the waterbody is located.
Town of: Wautoma
Contact: Mary Charette

- **University of Wisconsin-Stevens Point**
Water Resource Scientist
Nancy Turyk
Trainer Natural Resources Building
800 Reserve Street
Stevens Point, WI 54481 Telephone: 715-346-4155
E-mail: nturyk@uwsp.edu

- **Local Residents**

If an invasive species is confirmed, the Town clerk will make the following public information contacts:

- **Newspapers:** Argus, Resorter

Contact the WDNR to post notice(s) at the access point(s) to the water body.

Appendix C. Aquatic Plants

Beans Lake aquatic plant survey summary, 2011.

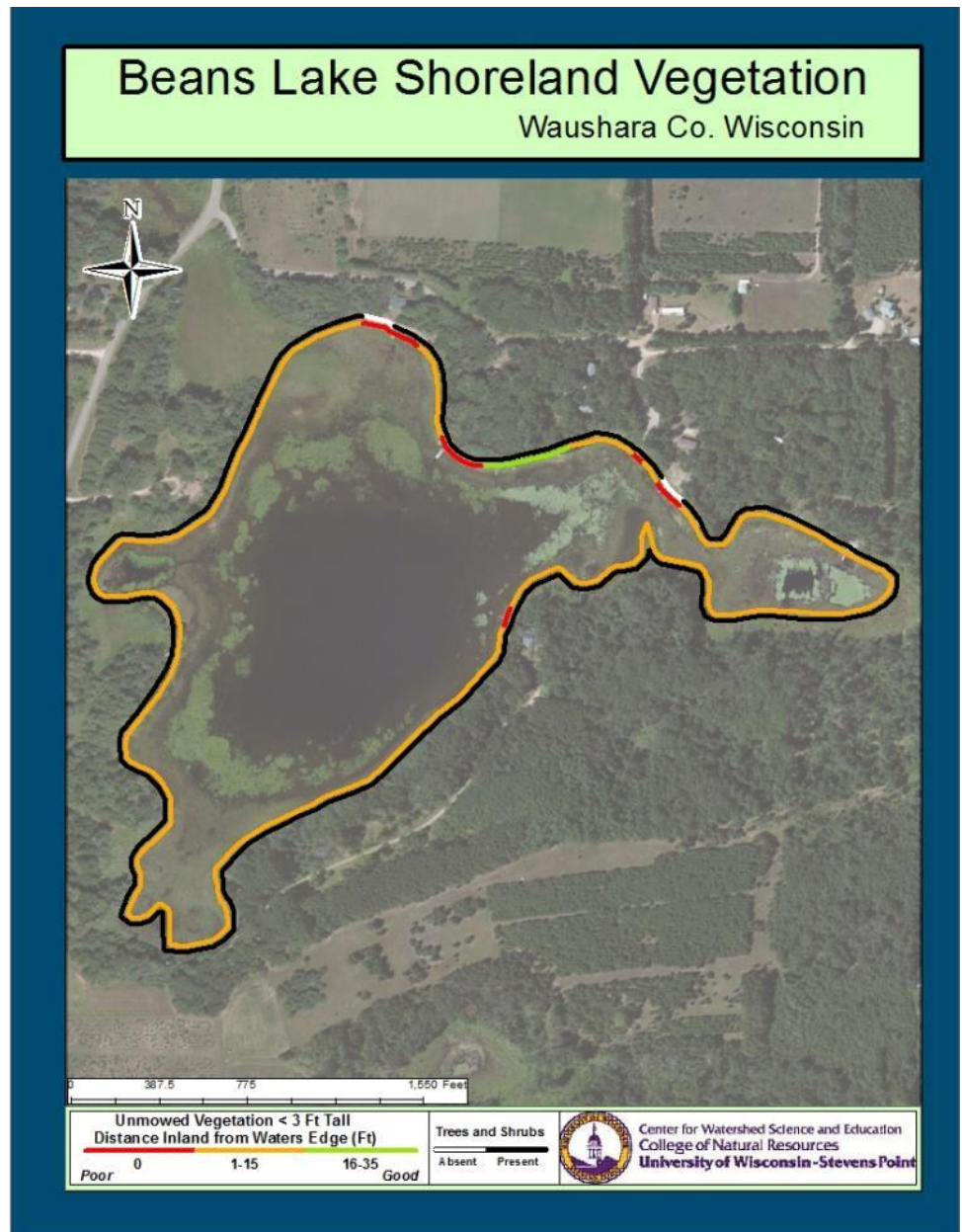
	Lake Average	Statewide Average	North Central Hardwood Forests Ecoregion Average
Littoral Frequency of Occurrence (%)	96.6	74.3	76
Maximum Depth of Plant Growth (ft)	16	15.3	15.9
Species Richness (Including visuals)	11	16.8	16.2
Floristic Quality Index (FQI)	18	24.1	23.3

Frequency of occurrence of aquatic plant species observed in Beans Lake, 2011.

Scientific Name	Common Name	Coefficient of Conservatism Value (C Value)	2011 % Frequency of Occurrence
Floating Leaf Species			
<i>Nymphaea odorata</i>	White Water Lily	6	28.57
Submergent Species			
<i>Chara</i>	Muskgrasses	7	58.33
<i>Potamogeton zosteriformis</i>	Flat-stem pondweed	6	50
<i>Elodea canadensis</i>	Common waterweed	3	38.1
<i>Utricularia vulgaris</i>	Common bladderwort	7	32.14
<i>Myriophyllum sibiricum</i>	Northern watermilfoil	6	20.24
<i>Nuphar variegata</i>	Spatterdock	6	15.48
<i>Potamogeton illinoensis</i>	Illinois pondweed	6	15.48
<i>Ceratophyllum demersum</i>	Coontail	3	14.29
<i>Potamogeton gramineus</i>	Variable pondweed	7	8.33

Appendix D. Shoreland Survey – 2011

A scoring system was developed for the collected data to provide a more holistic assessment. Areas that are healthy will need strategies to keep them healthy, and areas with potential problem areas and where management and conservation may be warranted may need a different set of strategies for improvement. The scoring system is based on the presence/absence and abundance of shoreline features, as well as their proximity to the water's edge. Values were tallied for each shoreline category and then summed to produce an overall score. Higher scores denote a healthier shoreline with good land management practices. These are areas where protection and/or conservation should be targeted. On the other hand, lower scores signify an ecologically unhealthy shoreline. These are areas where management and/or mitigation practices may be desirable for improving water quality.



The summary of scores for shorelands around Beans Lake are displayed on the next page. The shorelands were color-coded to show their overall health based on natural and physical characteristics. Blue shorelands identify healthy shorelands with sufficient vegetation and few disturbances. Red shorelands indicate locations where changes in management or mitigation may be warranted. Long stretches of Beans Lake's shorelands are in good shape, but some portions have challenges that should be addressed. There were no stretches of Beans Lake shoreland ranked as poor. For a more complete understanding of the ranking, an interactive map showing results of the shoreland surveys can be found on Waushara County's website at <http://gis.co.waushara.wi.us/ShorelineViewer/>.

Waushara County Shoreline Assessment *BEANS LAKE*

Map Date -- July, 2011
Aerial Date -- April, 2010



Summary
Shorelines are color-coded to show their overall health based on natural and physical characteristics. For example, shorelines shown in red indicate locations where management or mitigation may be warranted. Blue shorelines mark healthy riparian areas with natural vegetation and few human influences.

Calculating Shoreline Scores

Scores are based on the presence/absence of:

- + Natural vegetation
- + Human influences (docks, boathouses, etc)
- + Erosion
- + Structures



Map created by Dan McFarlane
Center for Land Use Education

Appendix E. Lake User Survey Results

Beans Lake Survey #1

Q1 What is your Waushara County Lakes Survey ID?

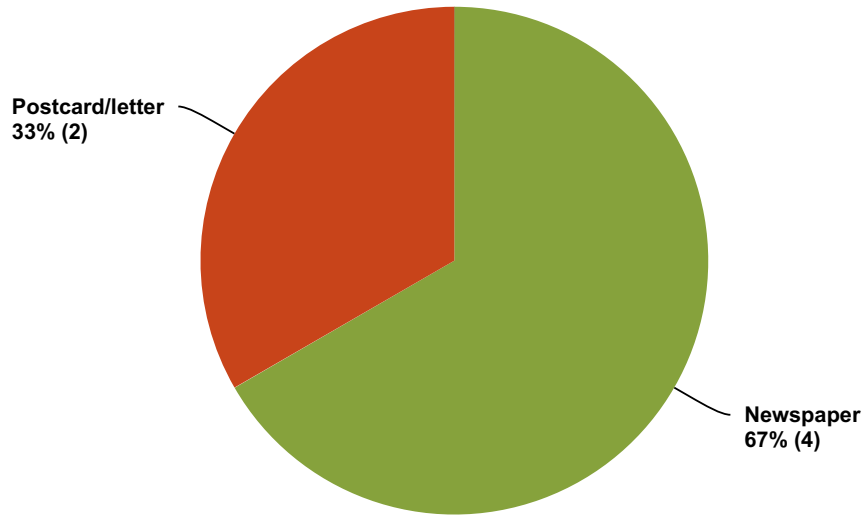
Answered: 8 Skipped: 0

#	Responses	Date
1	██████	1/8/2015 6:44 AM
2	██████	1/1/2015 9:48 AM
3	██████	1/1/2015 9:44 AM
4	██████	1/1/2015 9:27 AM
5	██████	12/23/2014 8:03 AM
6	██████	12/17/2014 5:38 PM
7	██████	12/17/2014 4:24 PM
8	██████	12/10/2014 1:11 PM

Beans Lake Survey #1

Q2 How did you hear about this survey?

Answered: 6 Skipped: 2



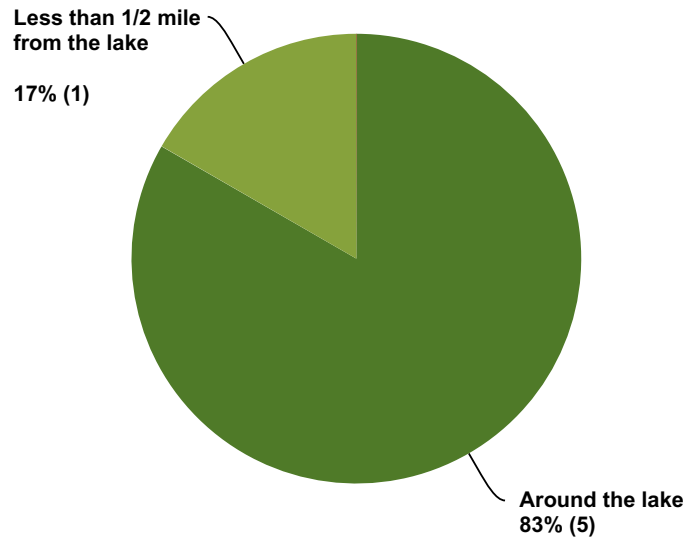
Answer Choices	Responses
E-mail	0% 0
Newspaper	67% 4
Postcard/letter	33% 2
Facebook	0% 0
Radio	0% 0
Total	6

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #1

Q3 Do you own or rent property...

Answered: 6 Skipped: 2

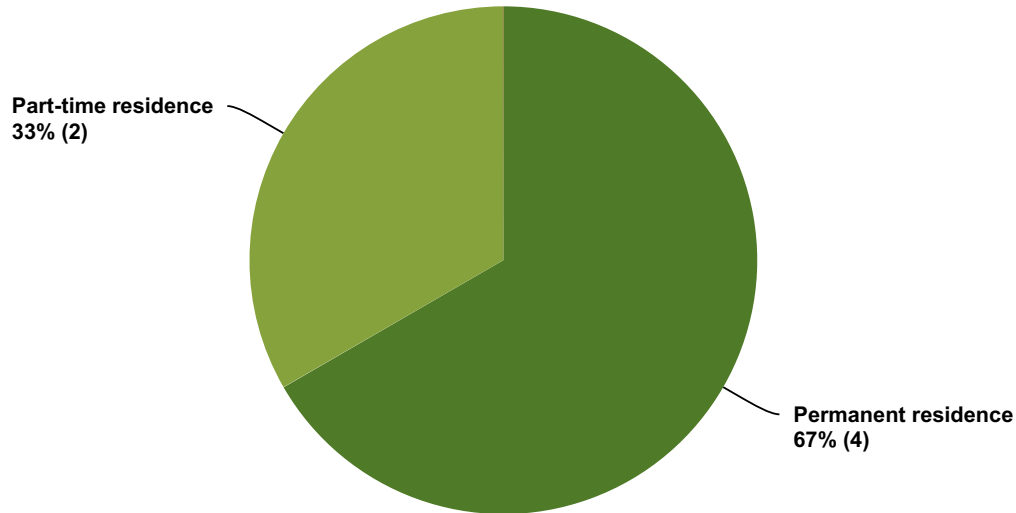


Answer Choices	Responses
Around the lake	83% 5
Less than 1/2 mile from the lake	17% 1
1/2 mile to 1 mile of the lake	0% 0
More than 1 mile from the lake	0% 0
I do not own or rent property near the lake	0% 0
Total	6

Beans Lake Survey #1

Q4 If you own or rent property near the lake, is this property your permanent residence, a part-time residence (such as a vacation home, rental, etc.), or other?

Answered: 6 Skipped: 2



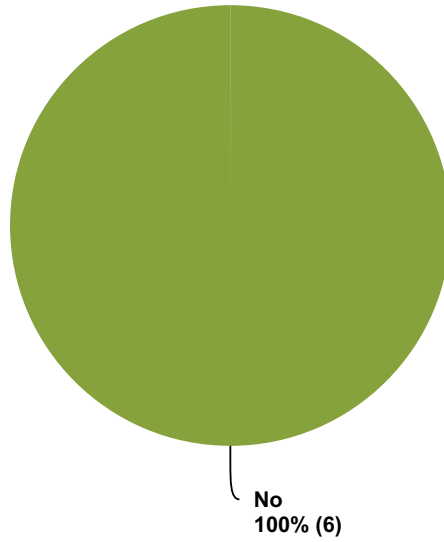
Answer Choices	Responses
Permanent residence	67% 4
Part-time residence	33% 2
I do not own or rent property near the lake	0% 0
Total	6

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #1

Q5 I own property on or near the lake because I inherited it.

Answered: 6 Skipped: 2

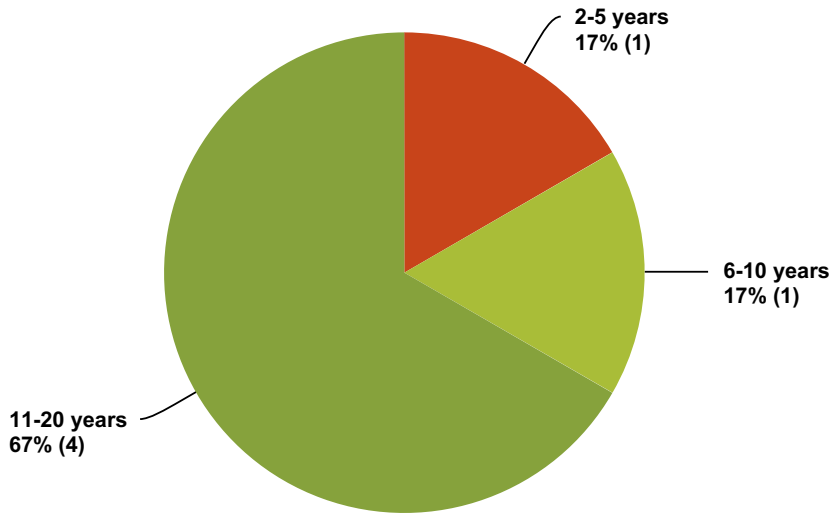


Answer Choices	Responses
Yes	0% 0
No	100% 6
Total	6

Beans Lake Survey #1

Q6 How long have you lived on, visited or recreated on the lake?

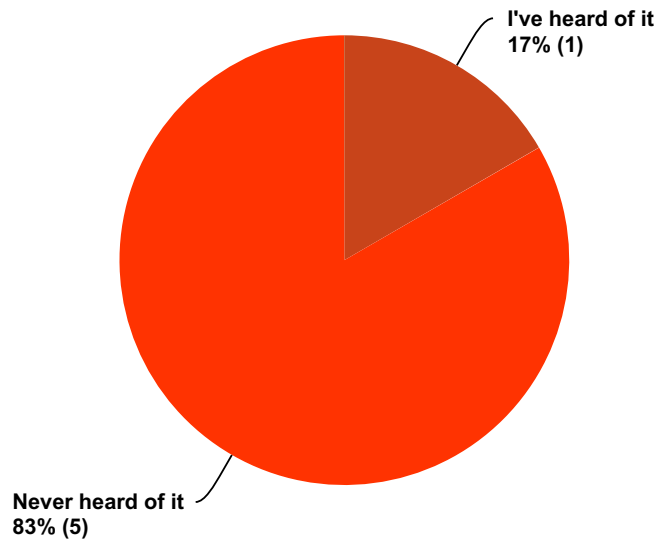
Answered: 6 Skipped: 2



Answer Choices	Responses
<2 years	0%
2-5 years	17%
6-10 years	17%
11-20 years	67%
>20 years	0%
Total	6

Q7 Are you familiar with the Little Silver Lake Improvement Association?

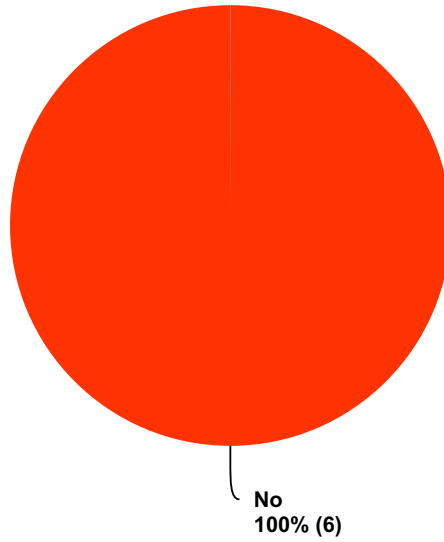
Answered: 6 Skipped: 2



Answer Choices	Responses
Very familiar	0% 0
Somewhat familiar	0% 0
I've heard of it	17% 1
Never heard of it	83% 5
Total	6

Q8 Are you a member of the Little Silver Lake Improvement Association?

Answered: 6 Skipped: 2

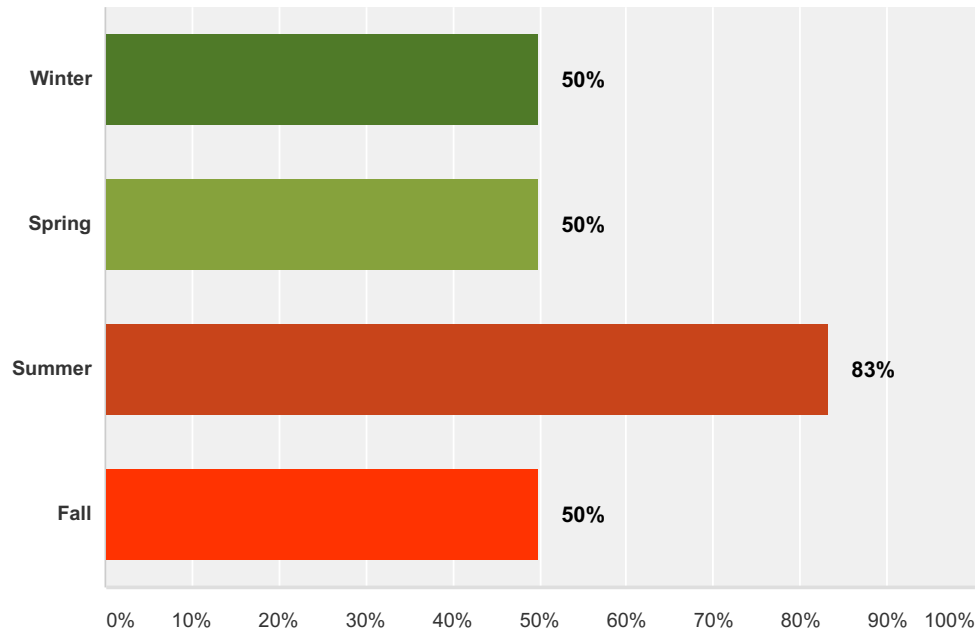


Answer Choices	Responses
Yes	0% 0
No	100% 6
I don't know	0% 0
Total	6

Beans Lake Survey #1

Q9 What time of year do you generally use the lake? Select all that apply.

Answered: 6 Skipped: 2

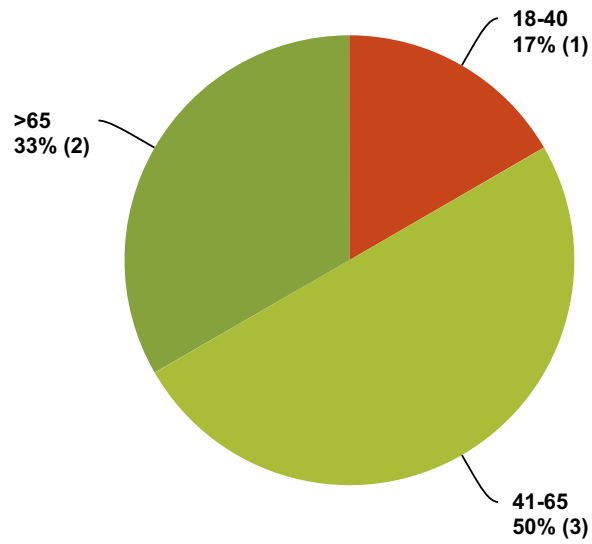


Answer Choices	Responses
Winter	50% 3
Spring	50% 3
Summer	83% 5
Fall	50% 3
Total Respondents: 6	

Beans Lake Survey #1

Q10 Which category below includes your age?

Answered: 6 Skipped: 2

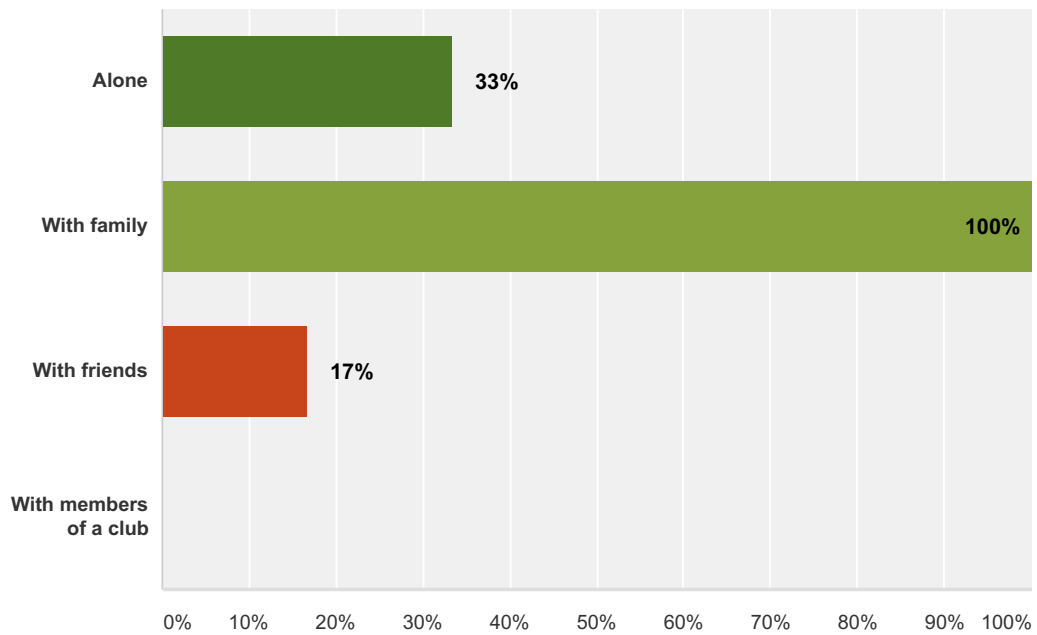


Answer Choices	Responses
Under 18	0% 0
18-40	17% 1
41-65	50% 3
>65	33% 2
Total	6

Beans Lake Survey #1

Q11 When you visit Beans Lake, are you typically...(check all that apply)

Answered: 6 Skipped: 2



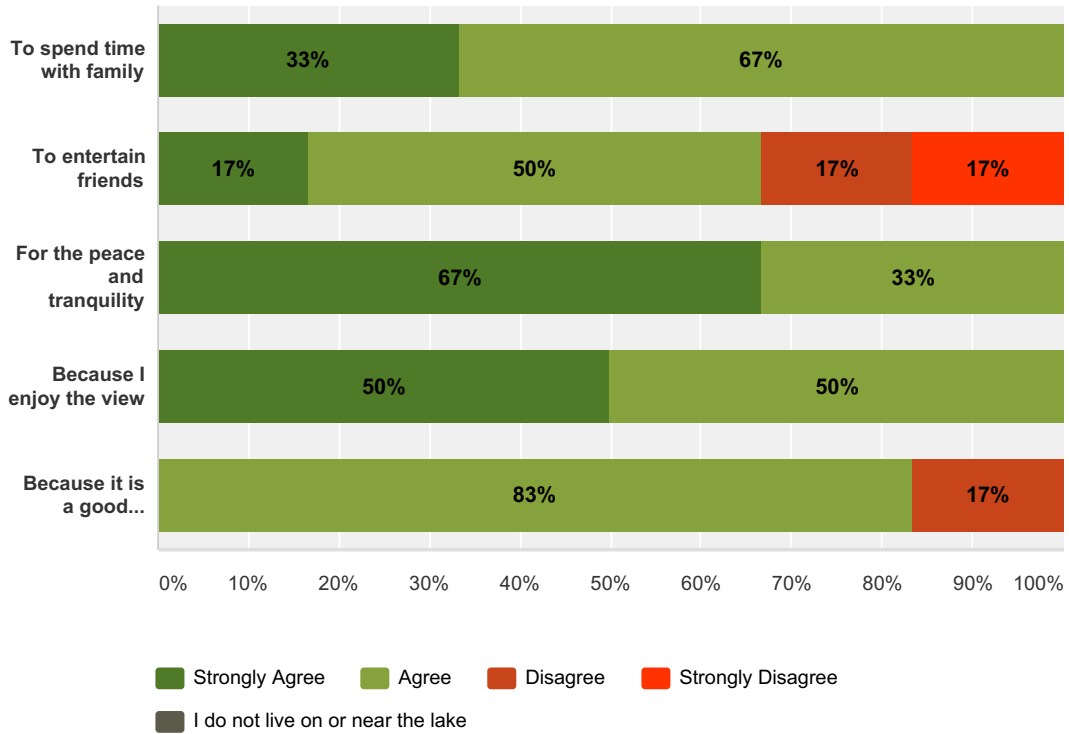
Answer Choices	Responses
Alone	33% 2
With family	100% 6
With friends	17% 1
With members of a club	0% 0
Total Respondents: 6	

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #1

Q12 I live on or near the lake...

Answered: 6 Skipped: 2



	Strongly Agree	Agree	Disagree	Strongly Disagree	I do not live on or near the lake	Total
To spend time with family	33% 2	67% 4	0% 0	0% 0	0% 0	6
To entertain friends	17% 1	50% 3	17% 1	17% 1	0% 0	6
For the peace and tranquility	67% 4	33% 2	0% 0	0% 0	0% 0	6
Because I enjoy the view	50% 3	50% 3	0% 0	0% 0	0% 0	6
Because it is a good investment	0% 0	83% 5	17% 1	0% 0	0% 0	6

Beans Lake Survey #1

Q13 What do you value most about Beans Lake?

Answered: 6 Skipped: 2

#	Responses	Date
1	the wildlife we see at the lake is fabulous; cranes nesting, eagles, ducks, turtles, deer and even a wolf this past November	1/8/2015 6:47 AM
2	The lake and view.	1/1/2015 9:50 AM
3	The water and view	1/1/2015 9:33 AM
4	the quiet and the wildlife	12/23/2014 8:05 AM
5	limited visible housing, wild life minimal boats and almost all without motors, great neighbor community	12/17/2014 5:45 PM
6	The peace and quiet	12/17/2014 4:27 PM

Beans Lake Survey #1

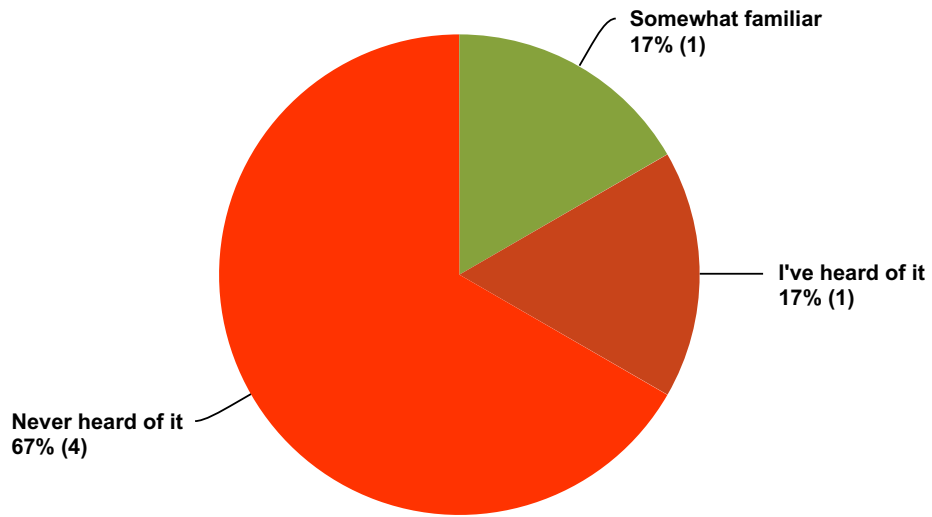
Q14 In your opinion, what should be done to restore, maintain, or improve Beans Lake?

Answered: 6 Skipped: 2

#	Responses	Date
1	low water levels have dramatically changed the lake since we started using the lake 17 years ago	1/8/2015 6:47 AM
2	Work to restore the water level and quality	1/1/2015 9:50 AM
3	Decrease the irrigation and allow the water levels to return. Clean the lake of vegetation that has increased as the water levels have decreased.	1/1/2015 9:33 AM
4	get rid of weeds and restock fish	12/23/2014 8:05 AM
5	fill lake water,eliminate in-water vegetation and some along shoreline	12/17/2014 5:45 PM
6	It is a lake that freezes out...the fishing is very poor. Aeration and weed control would possibly help.	12/17/2014 4:27 PM

Q15 How familiar are you with Wisconsin's Public Trust Doctrine?

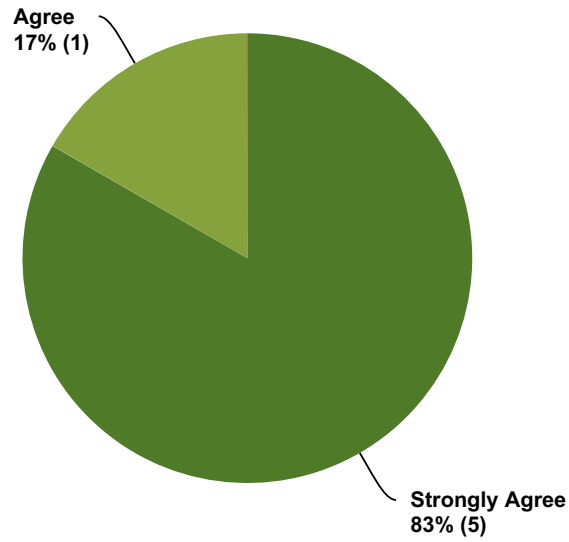
Answered: 6 Skipped: 2



Answer Choices	Responses
Very familiar	0% 0
Somewhat familiar	17% 1
I've heard of it	17% 1
Never heard of it	67% 4
Total	6

Q16 How I recreate in and around the lake can affect other lake users.

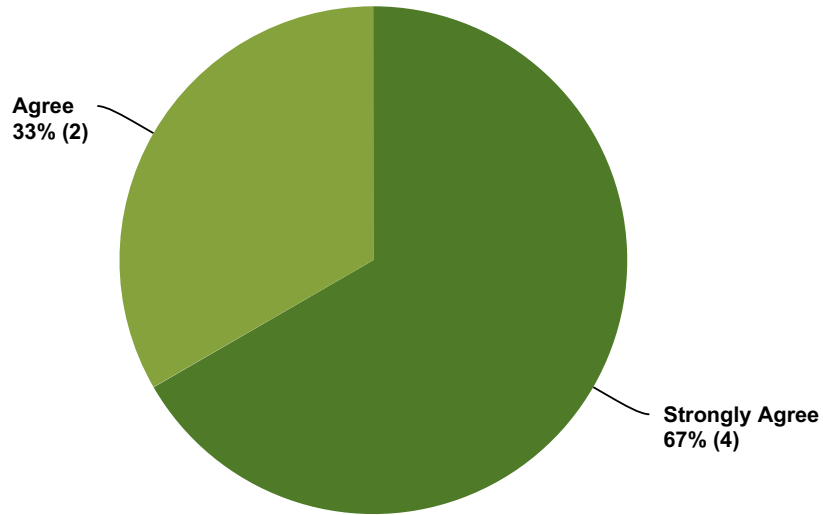
Answered: 6 Skipped: 2



Answer Choices	Responses
Strongly Agree	83% 5
Agree	17% 1
Disagree	0% 0
Strongly Disagree	0% 0
Total	6

Q17 How I manage my land can affect other lake users.

Answered: 6 Skipped: 2

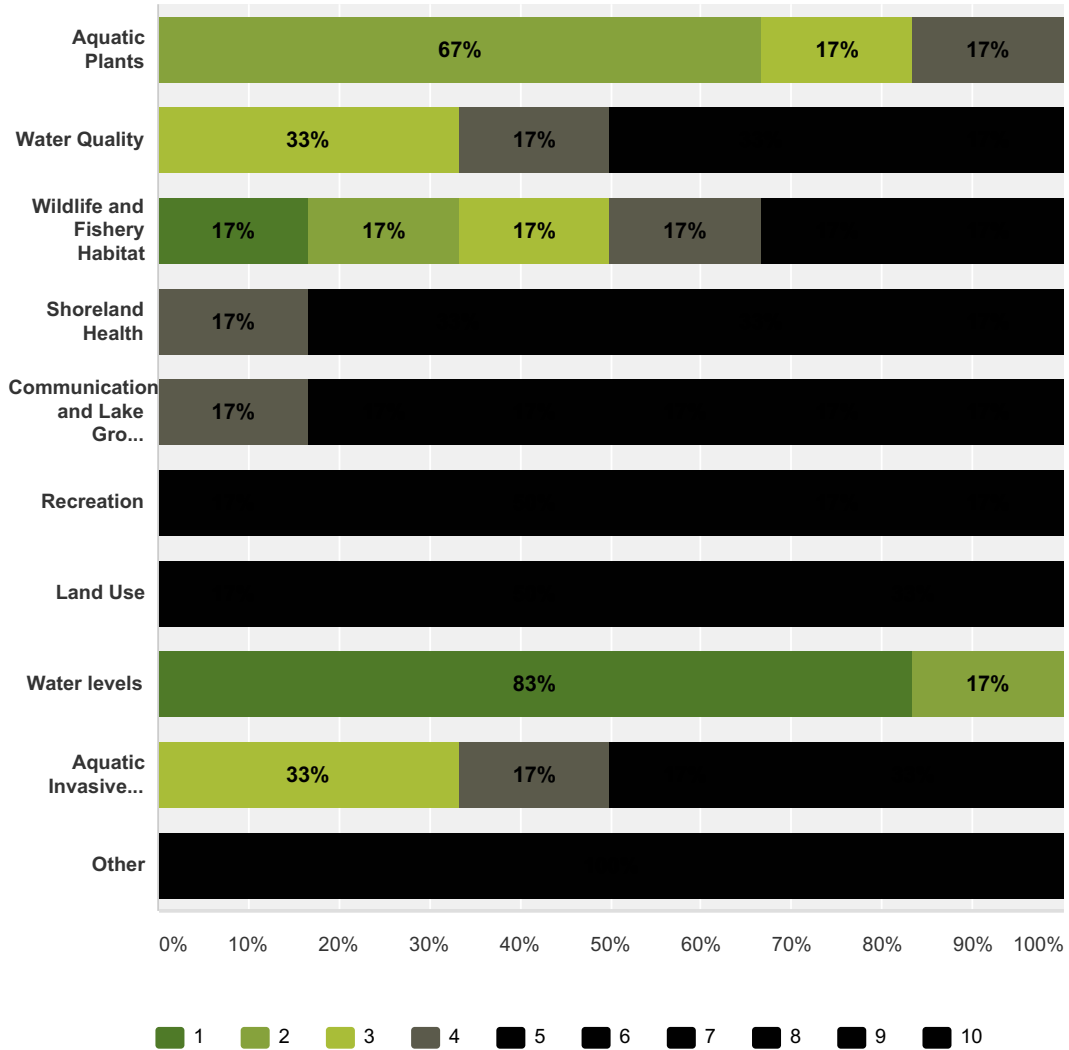


Answer Choices	Responses	
Strongly Agree	67%	4
Agree	33%	2
Disagree	0%	0
Strongly Disagree	0%	0
Total		6

Beans Lake Survey #1

Q18 Which of the following meeting topics, in your opinion, are the most important to talk about regarding Beans Lake? (Please rank at least your top three.)

Answered: 6 Skipped: 2



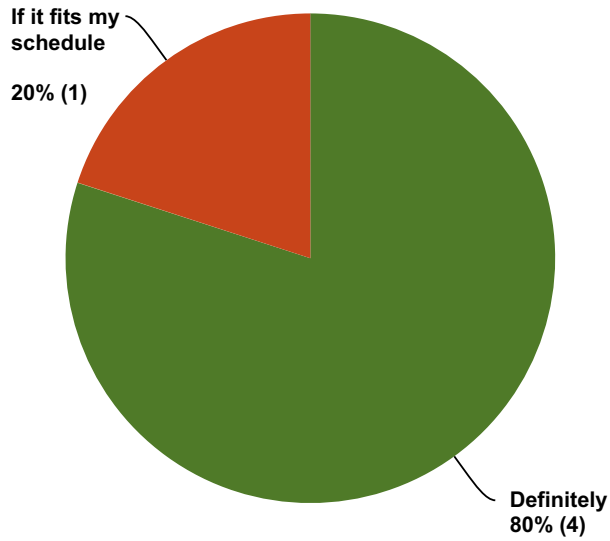
	1	2	3	4	5	6	7	8	9	10	Total	Score
Aquatic Plants	0% 0	67% 4	17% 1	17% 1	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	6	8.50
Water Quality	0% 0	0% 0	33% 2	17% 1	33% 2	17% 1	0% 0	0% 0	0% 0	0% 0	6	6.67
Wildlife and Fishery Habitat	17% 1	17% 1	17% 1	17% 1	0% 0	17% 1	0% 0	17% 1	0% 0	0% 0	6	7.00
Shoreland Health	0% 0	0% 0	0% 0	17% 1	33% 2	33% 2	17% 1	0% 0	0% 0	0% 0	6	5.50
Communication and Lake Group Support	0% 0	0% 0	0% 0	17% 1	17% 1	17% 1	17% 1	17% 1	17% 1	0% 0	6	4.50

Beans Lake Survey #1

Recreation	0% 0	0% 0	0% 0	0% 0	0% 0	17% 1	50% 3	17% 1	17% 1	0% 0	6	3.67
Land Use	0% 0	0% 0	0% 0	0% 0	17% 1	0% 0	0% 0	50% 3	33% 2	0% 0	6	3.17
Water levels	83% 5	17% 1	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	6	9.83
Aquatic Invasive Species	0% 0	0% 0	33% 2	17% 1	0% 0	0% 0	17% 1	0% 0	33% 2	0% 0	6	5.17
Other	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	100% 6	6	1.00

Q19 Many of the decisions determining the final lake management plan will be made at the planning sessions. Sessions will typically take place monthly on weeknights. How likely is it that you will attend one or more of the planning sessions?

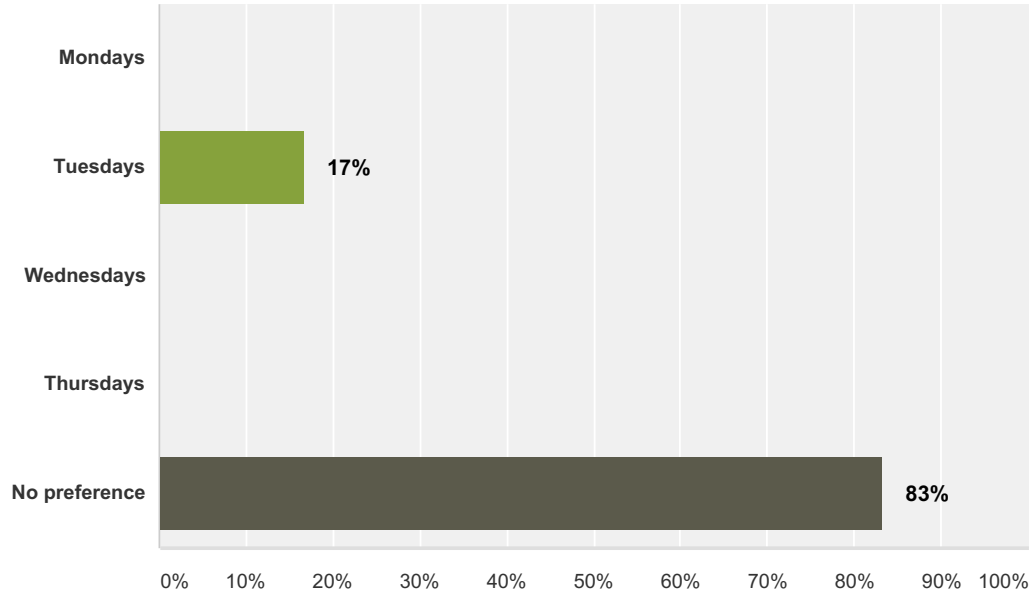
Answered: 5 Skipped: 3



Answer Choices	Responses
Definitely	80% 4
Very Likely	0% 0
If it fits my schedule	20% 1
Not likely	0% 0
I won't attend any	0% 0
Total	5

Q20 Previous experience has shown that weekday evenings work best for most people. If you will attend the planning sessions, which weeknights do you prefer?

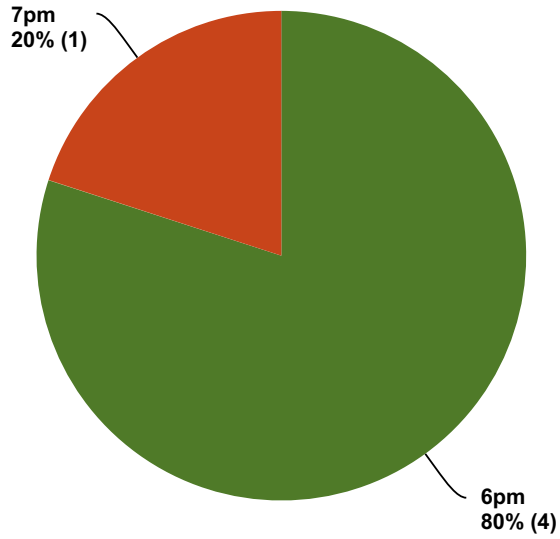
Answered: 6 Skipped: 2



Answer Choices	Responses
Mondays	0% 0
Tuesdays	17% 1
Wednesdays	0% 0
Thursdays	0% 0
No preference	83% 5
Total Respondents: 6	

**Q21 Most sessions will last around 2 hours.
If you will attend the planning sessions,
which times do you prefer to start?**

Answered: 5 Skipped: 3

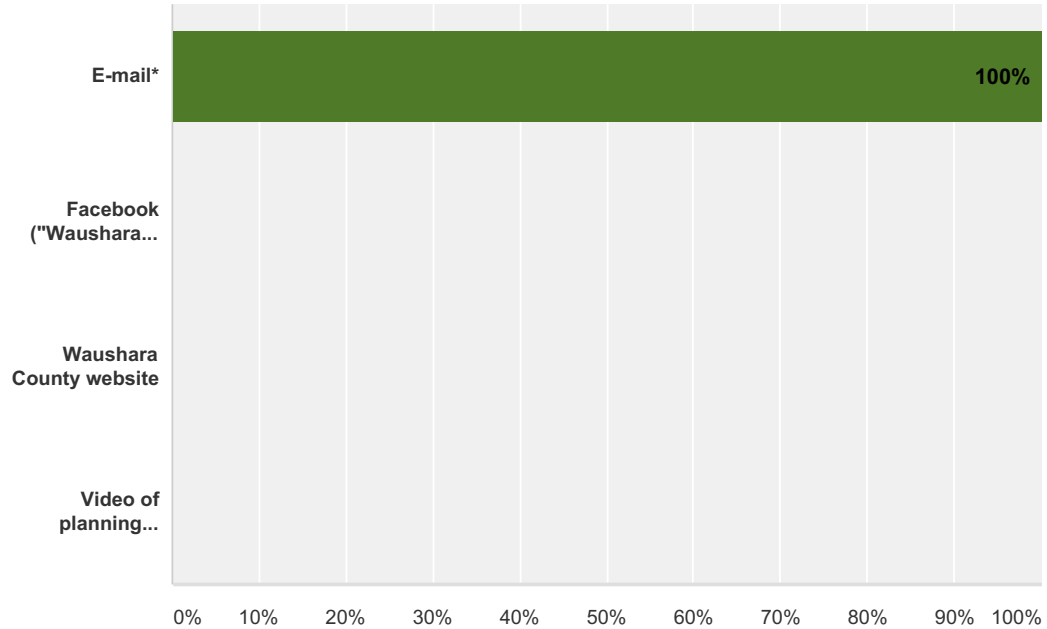


Answer Choices	Responses	
6pm	80%	4
6:30pm	0%	0
7pm	20%	1
7:30pm	0%	0
No preference	0%	0
Total		5

Beans Lake Survey #1

Q22 How would you like to receive information about meetings (agendas, minutes), the planning process, and updates? (Select all that apply)

Answered: 4 Skipped: 4



Answer Choices	Responses
E-mail*	100% 4
Facebook ("Waushara County Lakes Project")	0% 0
Waushara County website	0% 0
Video of planning meeting posted on the web	0% 0
Total Respondents: 4	

#	Other (please specify)	Date
1	newspaper	12/23/2014 8:09 AM

Beans Lake Survey #2

Q1 Enter your Waushara County Lakes Survey ID. Your survey cannot be processed without this information. If you've forgotten your ID or haven't created one yet, follow the instructions below.

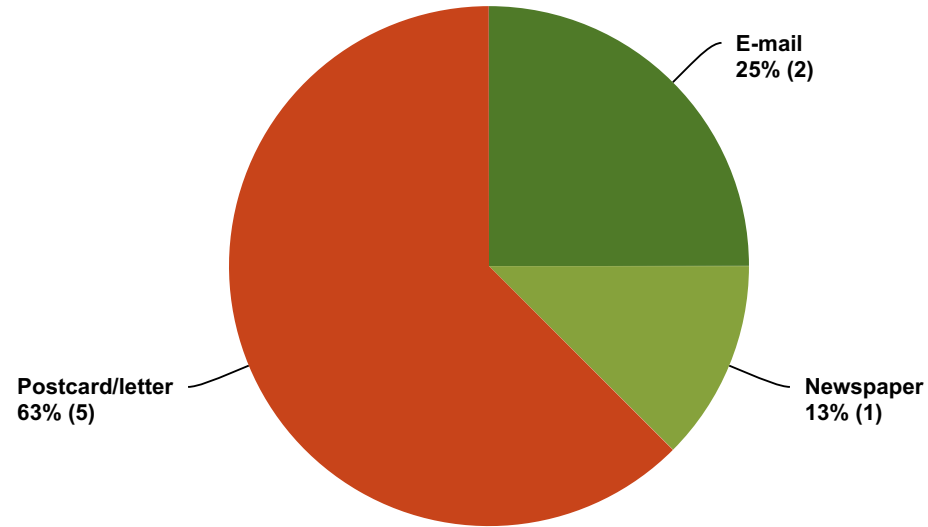
Answered: 8 Skipped: 0

#	Responses	Date
1	██████	2/10/2015 8:31 AM
2	██████	2/9/2015 7:20 AM
3	████	2/8/2015 7:40 PM
4	██████	2/6/2015 8:34 AM
5	████	2/5/2015 7:55 AM
6	████	1/31/2015 5:49 PM
7	████	1/29/2015 1:11 PM
8	██████	1/22/2015 6:39 AM

Beans Lake Survey #2

Q2 How did you hear about this survey?

Answered: 8 Skipped: 0



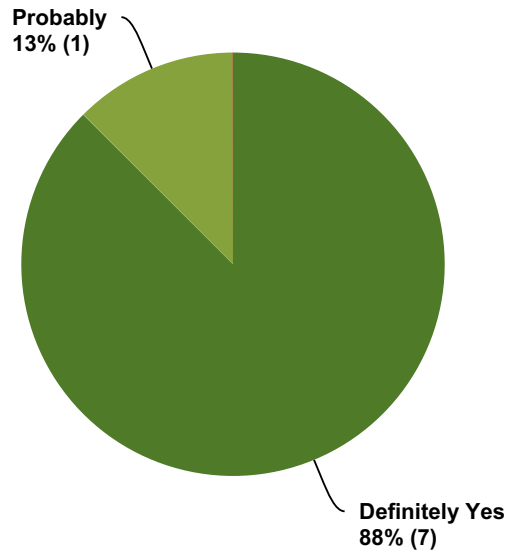
Answer Choices	Responses
E-mail	25% 2
Newspaper	13% 1
Postcard/letter	63% 5
Facebook	0% 0
Radio	0% 0
Total	8

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #2

Q3 Does a desire to provide better habitat for fish and wildlife motivate you to support (morally) efforts to improve Beans Lake?

Answered: 8 Skipped: 0

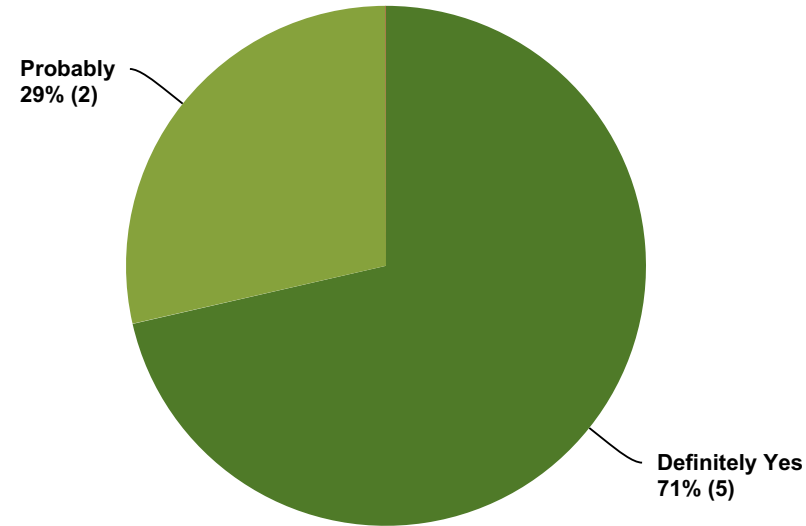


Answer Choices	Responses
Definitely Yes	88% 7
Probably	13% 1
Not Likely	0% 0
Definitely No	0% 0
Unsure	0% 0
Total	8

Beans Lake Survey #2

Q4 Does a desire to provide better habitat for fish and wildlife motivate you to support (by direct action) efforts to improve Beans Lake?

Answered: 7 Skipped: 1

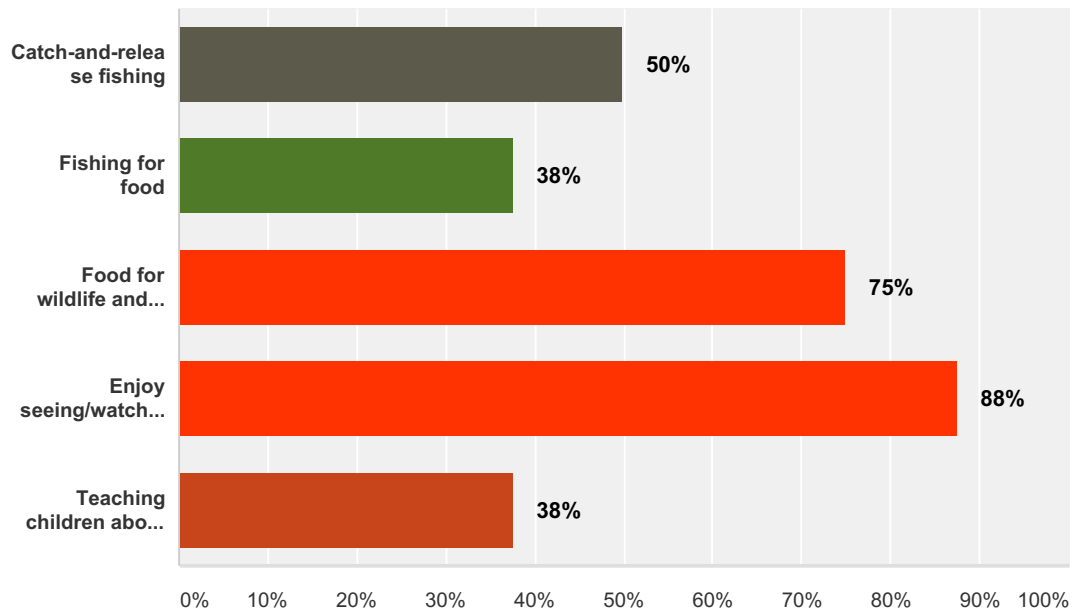


Answer Choices	Responses	
Definitely Yes	71%	5
Probably	29%	2
Not Likely	0%	0
Definitely No	0%	0
Unsure	0%	0
Total		7

Beans Lake Survey #2

Q5 For what purposes do you value the fishery in Beans Lake? (Check all that apply.)

Answered: 8 Skipped: 0



Answer Choices	Responses
Catch-and-release fishing	50% 4
Fishing for food	38% 3
Food for wildlife and birds	75% 6
Enjoy seeing/watching fish	88% 7
Teaching children about fishing/lakes	38% 3
Total Respondents: 8	

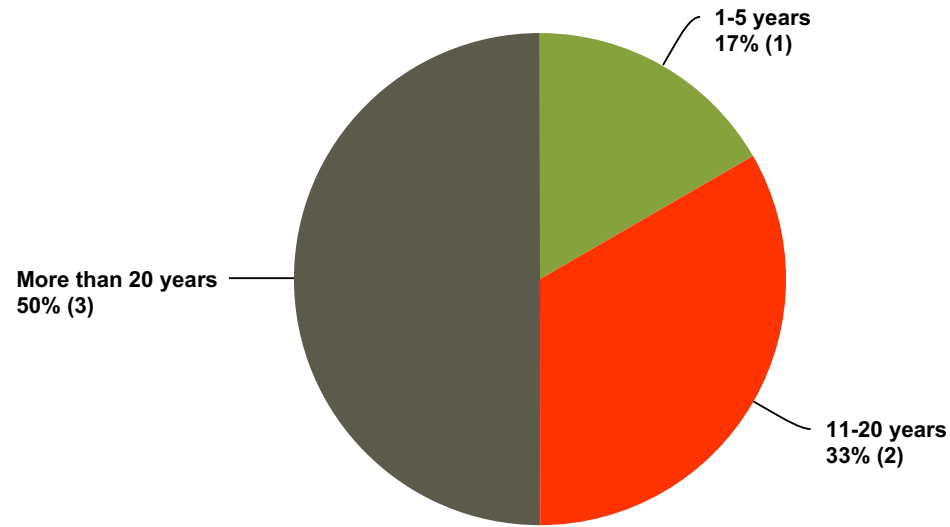
Beans Lake Survey #2

#	Other (please specify)	Date
1	Part of a Healthy Eco-system	2/6/2015 8:37 AM

Beans Lake Survey #2

Q6 How many years of fishing experience do you have on Beans Lake? If you don't fish Beans Lake, skip to Question 14.

Answered: 6 Skipped: 2

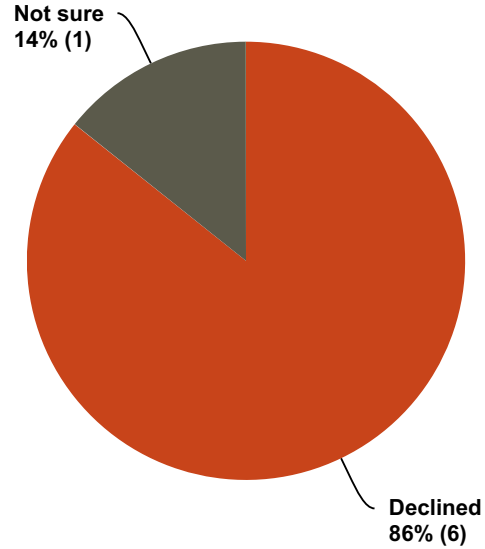


Answer Choices	Responses
I don't fish Beans Lake	0% 0
1-5 years	17% 1
6-10 years	0% 0
11-20 years	33% 2
More than 20 years	50% 3
Total	6

Beans Lake Survey #2

Q7 In the years you have been fishing Beans Lake, would you say the quality of fishing has... (If answering 'Stayed the same' or 'Not sure', skip to Question 9).

Answered: 7 Skipped: 1



Answer Choices	Responses
Improved	0% 0
Stayed the same	0% 0
Declined	86% 6
Not sure	14% 1
Total	7

Beans Lake Survey #2

Q8 What factors do you feel have contributed to the change in fishing?

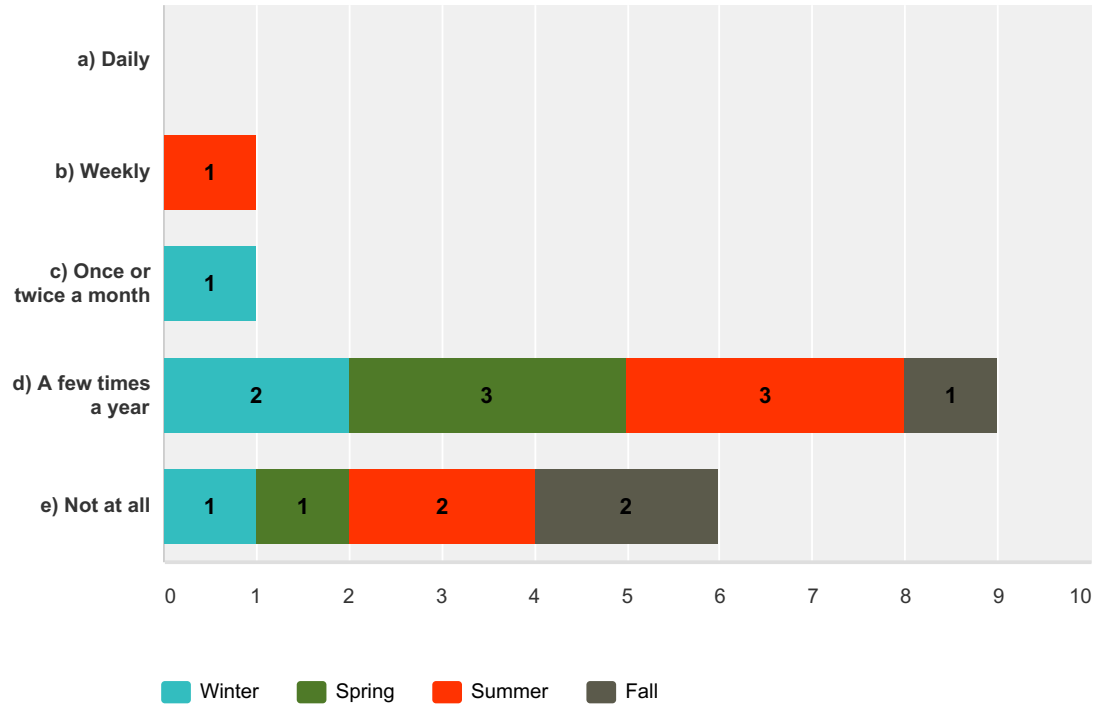
Answered: 5 Skipped: 3

#	Responses	Date
1	irrigation- water levels have dropped as more wells have been established	2/9/2015 7:25 AM
2	Water levels. Excessive weed growth	2/8/2015 7:48 PM
3	Decrease in water level. Increase in aquatic and shoreline plants. Freeze out conditions.	2/6/2015 8:40 AM
4	Amount of fish and water levels	2/5/2015 8:00 AM
5	Freeze out lake, no new fish planted	1/29/2015 1:12 PM

Beans Lake Survey #2

Q9 When and how often do you typically fish Beans Lake?(Please answer a-e)

Answered: 7 Skipped: 1



	Winter	Spring	Summer	Fall	Total Respondents
a) Daily	0% 0	0% 0	0% 0	0% 0	0
b) Weekly	0% 0	0% 0	100% 1	0% 0	1
c) Once or twice a month	100% 1	0% 0	0% 0	0% 0	1
d) A few times a year	33% 2	50% 3	50% 3	17% 1	6

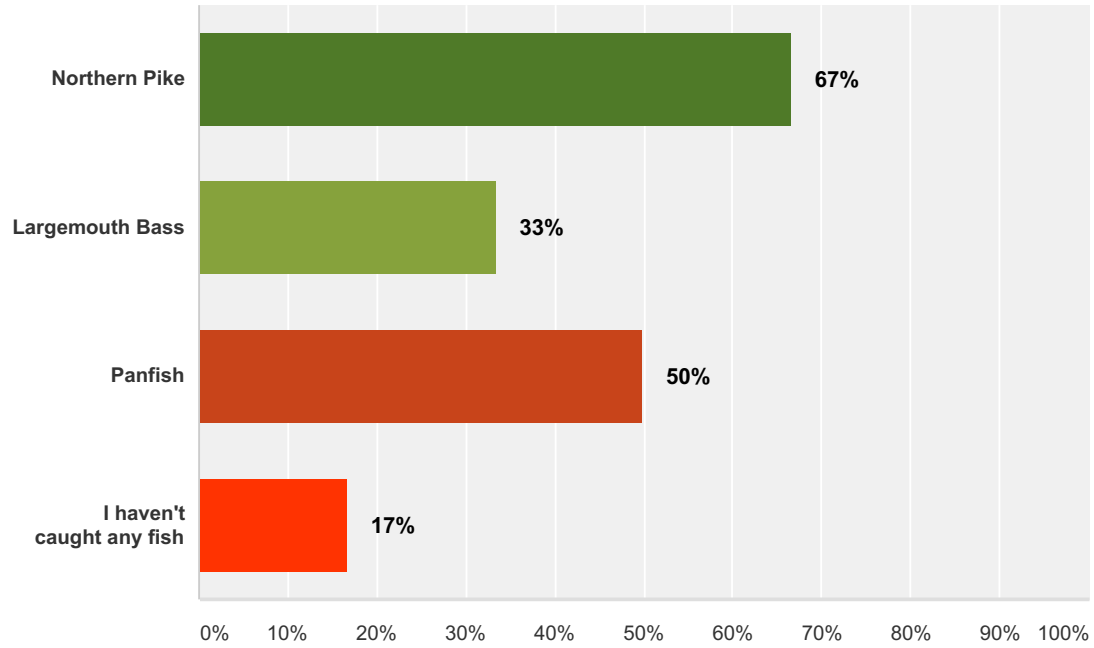
Beans Lake Survey #2

e) Not at all	50% 1	50% 1	100% 2	100% 2	2
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Beans Lake Survey #2

Q10 What fish do you typically catch at Beans Lake? Check all that apply.

Answered: 6 Skipped: 2



Answer Choices	Responses
Northern Pike	67% 4
Largemouth Bass	33% 2
Panfish	50% 3
I haven't caught any fish	17% 1
Total Respondents: 6	

#	Other (please specify)	Date
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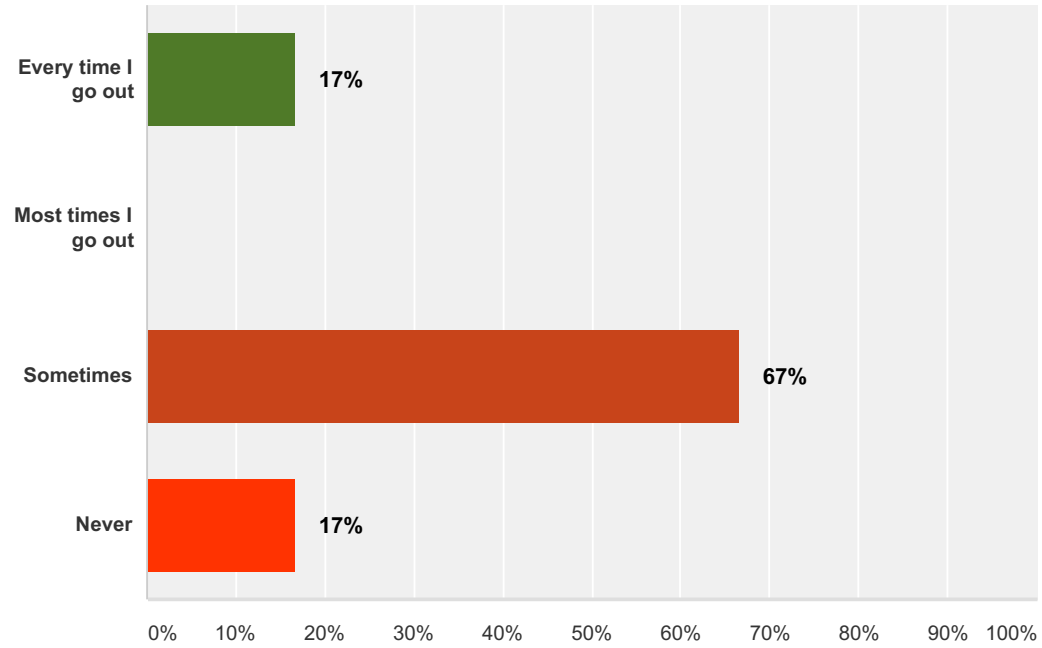
Beans Lake Survey #2

1	perch	2/9/2015 7:25 AM
2	crappie. perch. bullhead	2/8/2015 7:48 PM

Beans Lake Survey #2

Q11 In general, how often do you catch fish on Beans Lake?

Answered: 6 Skipped: 2

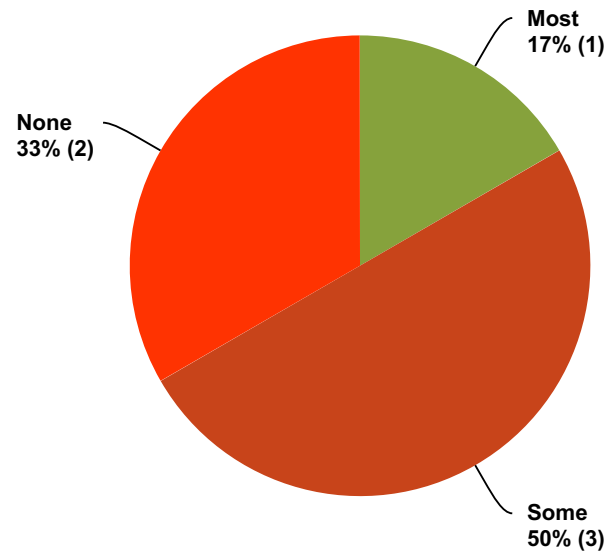


Answer Choices	Responses
Every time I go out	17% 1
Most times I go out	0% 0
Sometimes	67% 4
Never	17% 1
Total Respondents: 6	

Beans Lake Survey #2

Q12 In general, how many of the fish you catch are big enough to keep?

Answered: 6 Skipped: 2



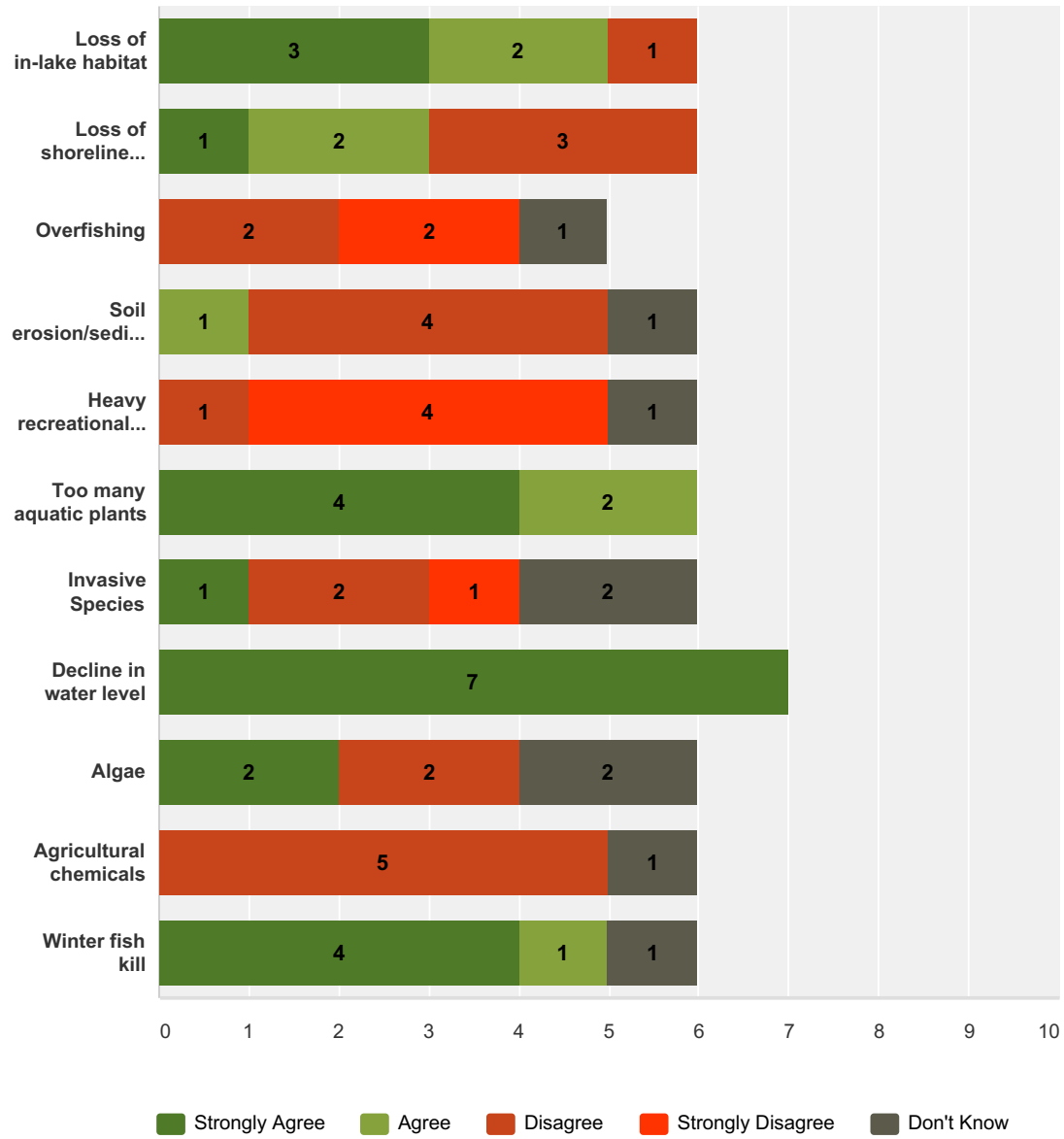
Answer Choices	Responses	
All	0%	0
Most	17%	1
Some	50%	3
None	33%	2
Total		6

Beans Lake Survey #2

Q13 What do you believe is the greatest threat to the fishery in Beans Lake in the next 10 years?

Answered: 7 Skipped: 1

Beans Lake Survey #2



	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't Know	Total Respondents
Loss of in-lake habitat	50% 3	33% 2	17% 1	0% 0	0% 0	6

Beans Lake Survey #2

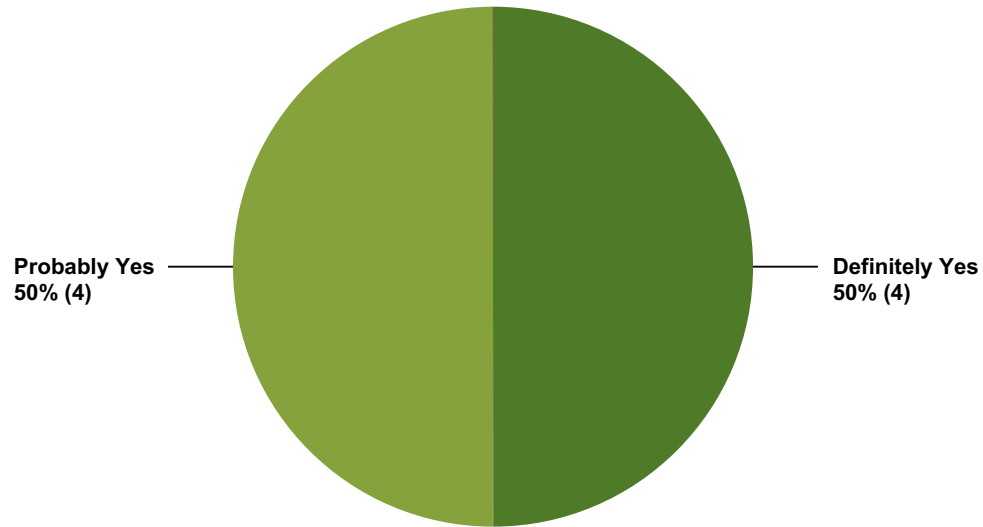
Loss of shoreline habitat	17% 1	33% 2	50% 3	0% 0	0% 0	6
Overfishing	0% 0	0% 0	40% 2	40% 2	20% 1	5
Soil erosion/sedimentation	0% 0	17% 1	67% 4	0% 0	17% 1	6
Heavy recreational use	0% 0	0% 0	17% 1	67% 4	17% 1	6
Too many aquatic plants	67% 4	33% 2	0% 0	0% 0	0% 0	6
Invasive Species	17% 1	0% 0	33% 2	17% 1	33% 2	6
Decline in water level	100% 7	0% 0	0% 0	0% 0	0% 0	7
Algae	33% 2	0% 0	33% 2	0% 0	33% 2	6
Agricultural chemicals	0% 0	0% 0	83% 5	0% 0	17% 1	6
Winter fish kill	67% 4	17% 1	0% 0	0% 0	17% 1	6

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #2

Q14 Do you believe fish from Beans Lake are safe to eat?

Answered: 8 Skipped: 0



Answer Choices	Responses	
Definitely Yes	50%	4
Probably Yes	50%	4
Probably No	0%	0
Definitely No	0%	0
Unsure	0%	0
Total		8

Beans Lake Survey #2

Q15 Do you have any additional comments regarding the fishery in Beans Lake?

Answered: 2 Skipped: 6

#	Responses	Date
1	Let us do very limited dredging to create more areas for spawning and create better access.	2/8/2015 7:48 PM
2	it is fun to see fish while kayaking	1/31/2015 5:50 PM

Beans Lake Survey #2

Q16 What could be done to improve your recreation experience on Beans Lake?

Answered: 8 Skipped: 0

#	Responses	Date
1	To ensure continued recreational enjoyment, water levels must return to at least 1980 levels. There are elevated water levels observed each spring, however as soon as irrigation systems are turned on, the levels rapidly decline. The massive oglala aquifer is the main groundwater supply for this part of the nation. Because these lakes are spring fed, this aquifer is the major water supply for these lakes as well as all other water needs required. Development and the current desparation to create jobs (ie big water intensive jobs such as irrigation, mega farming, mining etc.) Is with drawing more and more water at an accelerated pace. Political agendas where businesses who are water intensive, but pose a huge draw on natural resources who promise lots of jobs are being granted water permits without regard for the future available water supply. What we must realize, without intelligent stewardship of these resources, both water and jobs will literally dry up.	2/10/2015 8:38 AM
2	Stop/ limit irrigation Aeration Wind mills could help supply oxygen in winter	2/9/2015 7:28 AM
3	Very limited dredging	2/8/2015 7:49 PM
4	I don't believe there are problems with the use of the lake. The overall condition of the the lake is so deteriorated, it receives little use. Priority should be to return the lake to a usable state..	2/6/2015 8:43 AM
5	Consistent lake level	2/5/2015 8:02 AM
6	the water is much lower than when we purchased 1998 so it is now very hard to get a kayak in the water. Impossible to get a row boat or paddle boat in the water.	1/31/2015 5:51 PM
7	restock panfish	1/29/2015 1:12 PM
8	increase water level	1/22/2015 6:46 AM

Beans Lake Survey #3 AP

Q1 Enter your Waushara County Lakes Survey ID. If you've forgotten your ID or haven't created one yet, follow the instructions below.

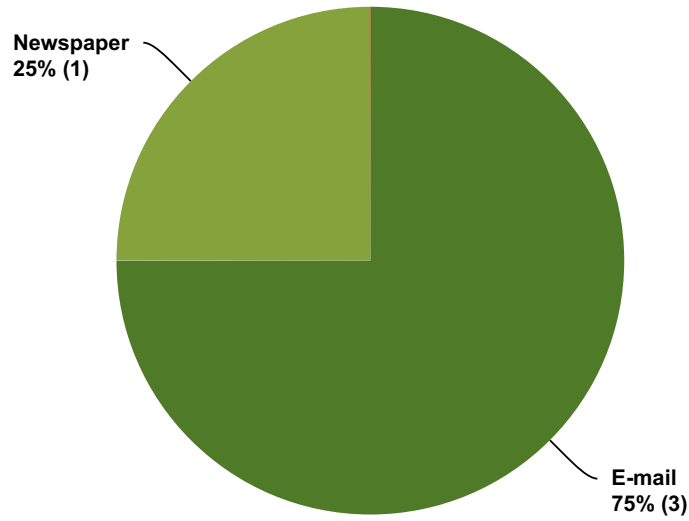
Answered: 4 Skipped: 0

#	Responses	Date
1	[REDACTED]	3/9/2015 5:20 PM
2	[REDACTED]	3/6/2015 6:54 AM
3	[REDACTED]	3/5/2015 7:47 PM
4	[REDACTED]	3/4/2015 4:25 PM

Beans Lake Survey #3 AP

Q2 How did you hear about this survey?

Answered: 4 Skipped: 0

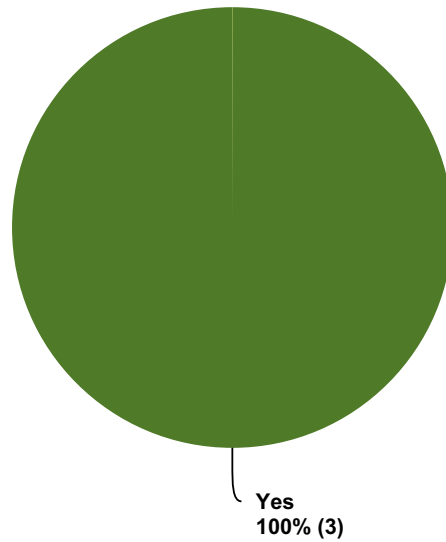


Answer Choices	Responses
E-mail	75% 3
Newspaper	25% 1
Postcard/letter	0% 0
Facebook	0% 0
Radio	0% 0
Total	4

#	Other (please specify)	Date
	There are no responses.	

Q3 Were you aware of the importance of aquatic plants?

Answered: 3 Skipped: 1

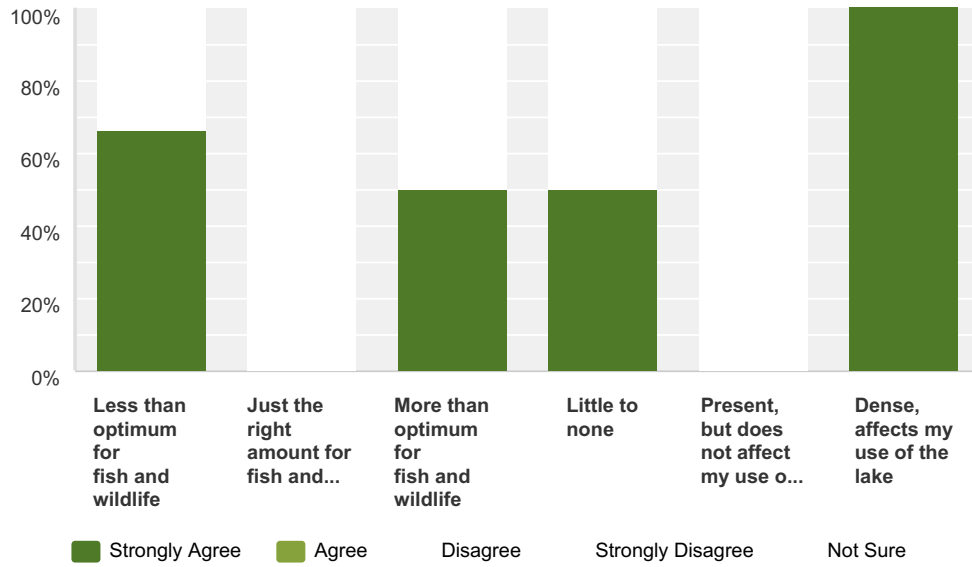


Answer Choices	Responses
Yes	100% 3
No	0% 0
Unsure	0% 0
Total	3

Beans Lake Survey #3 AP

Q4 In your opinion, which statement best describes the amount of aquatic plant growth in Beans Lake?

Answered: 4 Skipped: 0

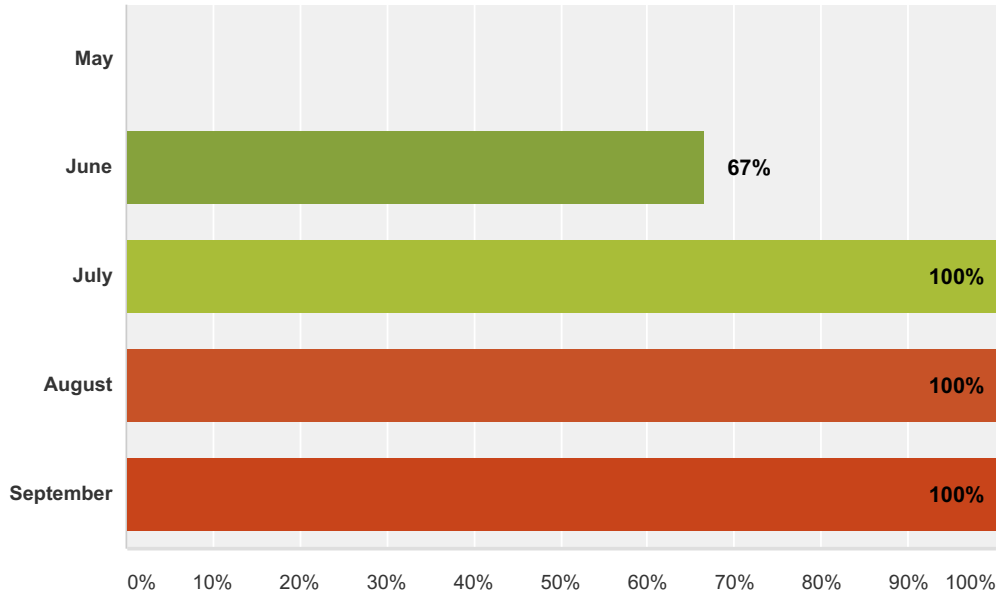


	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Sure	Total
Less than optimum for fish and wildlife	67% 2	0% 0	0% 0	33% 1	0% 0	3
Just the right amount for fish and wildlife	0% 0	0% 0	0% 0	100% 2	0% 0	2
More than optimum for fish and wildlife	50% 1	0% 0	0% 0	50% 1	0% 0	2
Little to none	50% 1	0% 0	0% 0	50% 1	0% 0	2
Present, but does not affect my use of the lake	0% 0	0% 0	0% 0	100% 2	0% 0	2
Dense, affects my use of the lake	100% 3	0% 0	0% 0	0% 0	0% 0	3

Beans Lake Survey #3 AP

Q5 If you selected dense or choked, what month(s) do the problems occur? Check all that apply.

Answered: 3 Skipped: 1

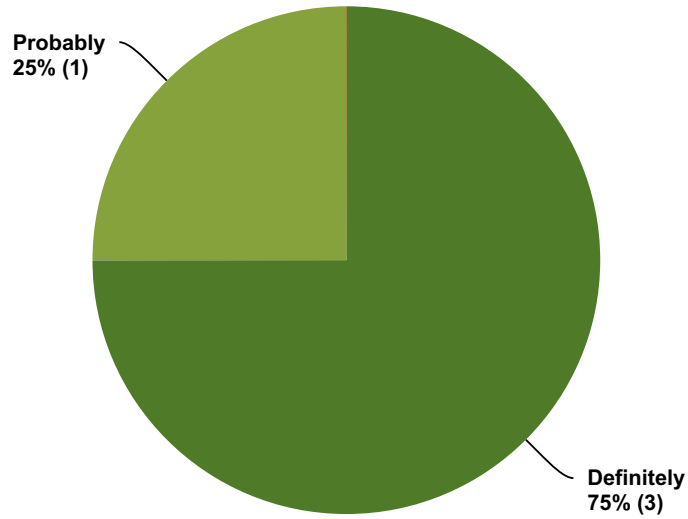


Answer Choices	Responses
May	0% 0
June	67% 2
July	100% 3
August	100% 3
September	100% 3
Total Respondents: 3	

Beans Lake Survey #3 AP

Q6 Do you believe aquatic plant control is needed on Beans Lake?

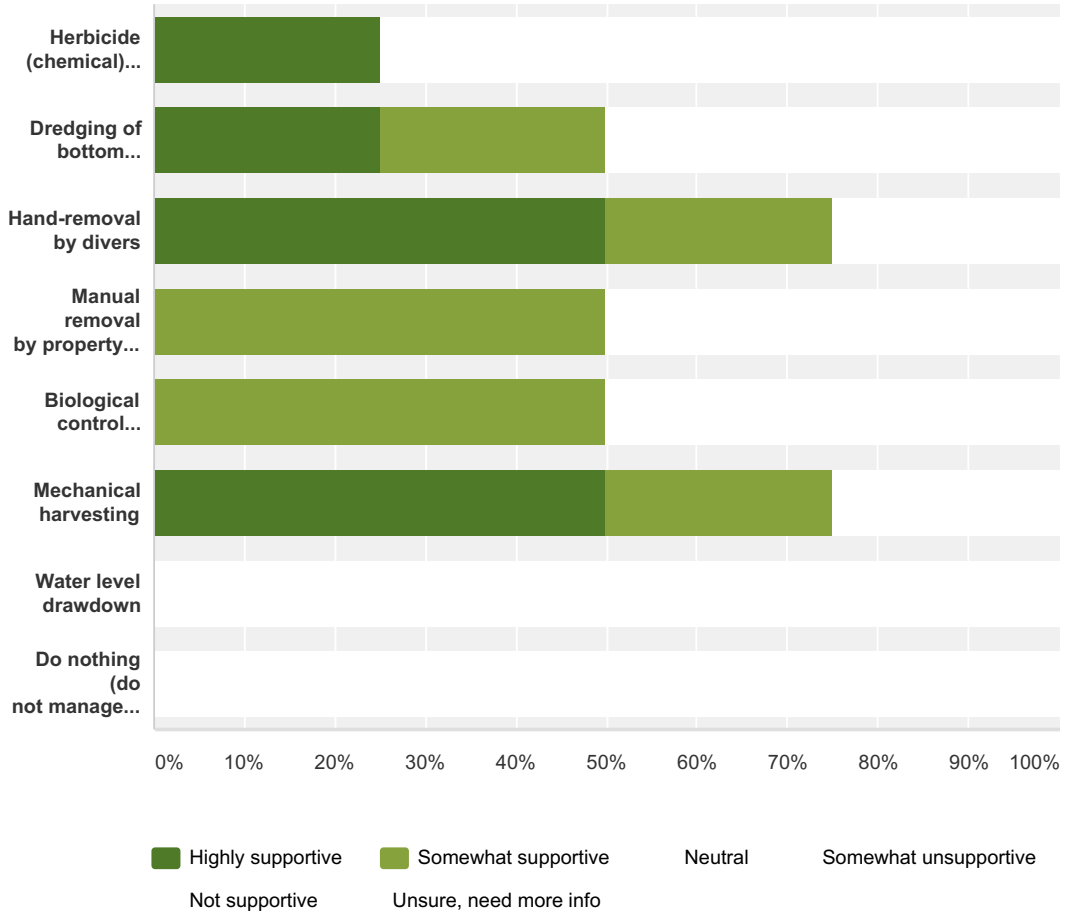
Answered: 4 Skipped: 0



Answer Choices	Responses	
Definitely	75%	3
Probably	25%	1
Unsure	0%	0
Probably not	0%	0
Definitely not	0%	0
Total		4

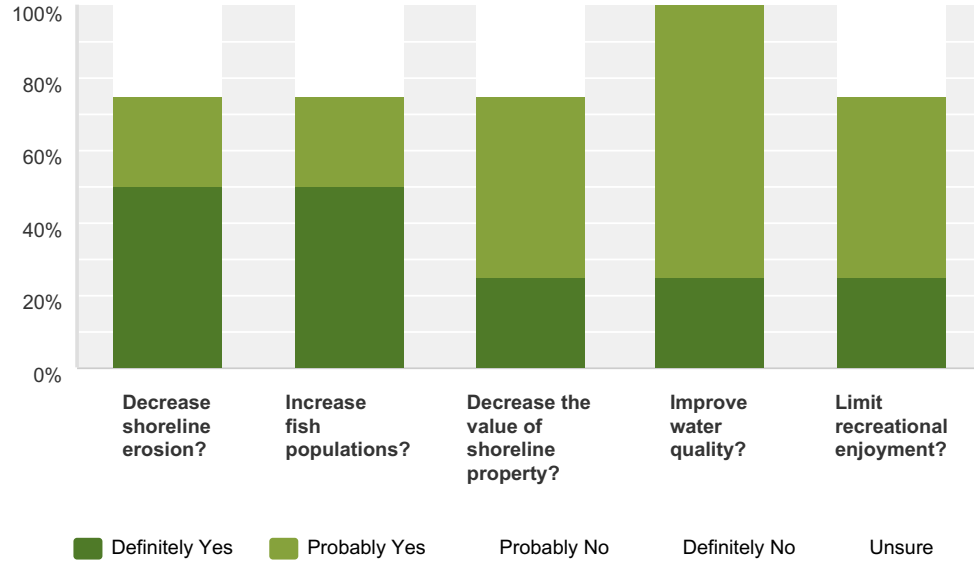
Q7 What is your level of support for the responsible use of the following techniques TO MANAGE AQUATIC PLANTS on Beans Lake?

Answered: 4 Skipped: 0



Q8 In your opinion, does establishing or maintaining native vegetation IN THE WATER in the near-shore area...

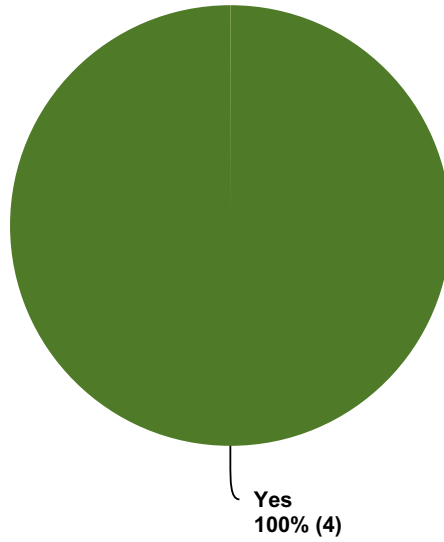
Answered: 4 Skipped: 0



	Definitely Yes	Probably Yes	Probably No	Definitely No	Unsure	Total
Decrease shoreline erosion?	50% 2	25% 1	25% 1	0% 0	0% 0	4
Increase fish populations?	50% 2	25% 1	0% 0	0% 0	25% 1	4
Decrease the value of shoreline property?	25% 1	50% 2	25% 1	0% 0	0% 0	4
Improve water quality?	25% 1	75% 3	0% 0	0% 0	0% 0	4
Limit recreational enjoyment?	25% 1	50% 2	25% 1	0% 0	0% 0	4

Q9 Have you ever heard of aquatic invasive species?

Answered: 4 Skipped: 0

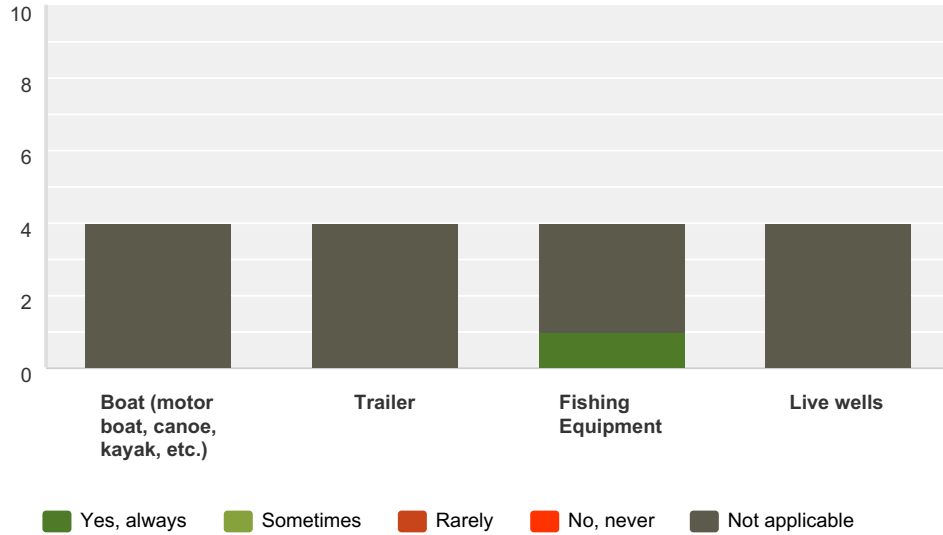


Answer Choices	Responses
Yes	100% 4
No	0% 0
Total	4

Beans Lake Survey #3 AP

Q10 After you have been to another lake, do you clean your ... before bringing it back to Beans Lake?

Answered: 4 Skipped: 0

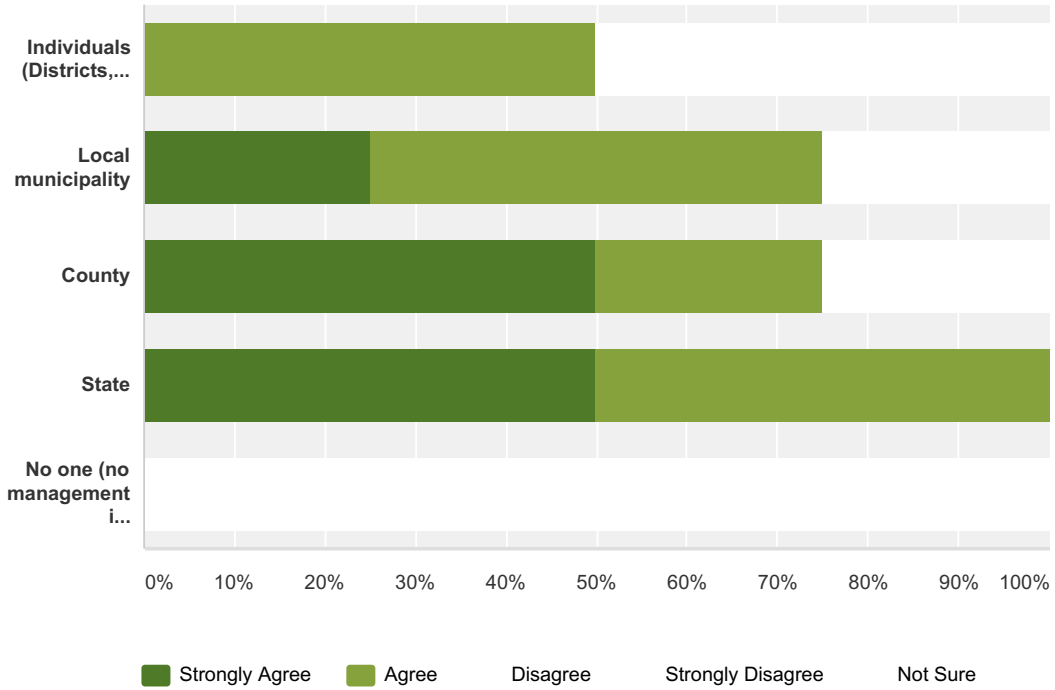


	Yes, always	Sometimes	Rarely	No, never	Not applicable	Total Respondents
Boat (motor boat, canoe, kayak, etc.)	0% 0	0% 0	0% 0	0% 0	100% 4	4
Trailer	0% 0	0% 0	0% 0	0% 0	100% 4	4
Fishing Equipment	25% 1	0% 0	0% 0	0% 0	75% 3	4
Live wells	0% 0	0% 0	0% 0	0% 0	100% 4	4

Beans Lake Survey #3 AP

Q11 Who should pay for the cost of managing invasive aquatic plants? Check all that apply.

Answered: 4 Skipped: 0



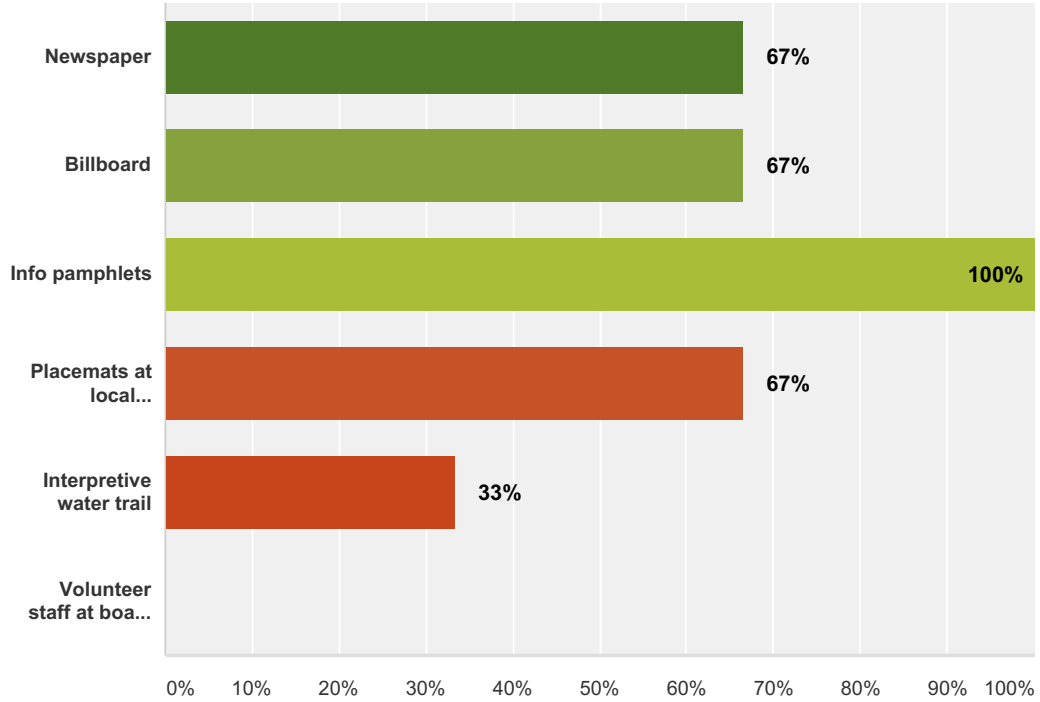
	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Sure	Total
Individuals (Districts, associations, lakefront property owners)	0% 0	50% 2	0% 0	25% 1	25% 1	4
Local municipality	25% 1	50% 2	0% 0	0% 0	25% 1	4
County	50% 2	25% 1	0% 0	0% 0	25% 1	4
State	50% 2	50% 2	0% 0	0% 0	0% 0	4
No one (no management is undertaken)	0% 0	0% 0	0% 0	100% 4	0% 0	4

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #3 AP

Q12 What is the most effective way to inform others about aquatic invasive species?

Answered: 3 Skipped: 1

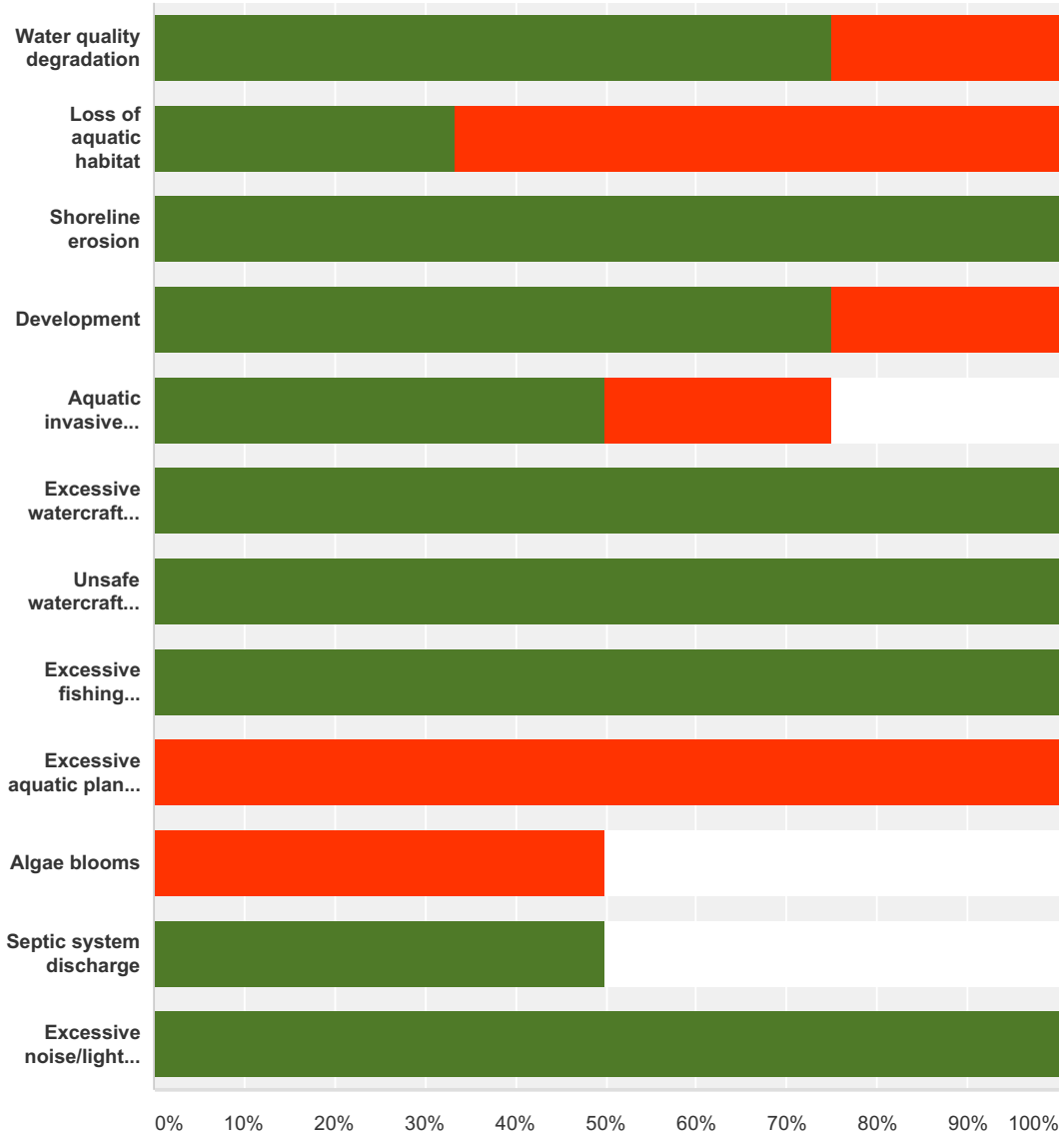


Answer Choices	Responses
Newspaper	67% 2
Billboard	67% 2
Info pamphlets	100% 3
Placemats at local restaurants	67% 2
Interpretive water trail	33% 1
Volunteer staff at boat launch	0% 0
Total Respondents: 3	

#	Other (please specify)	Date
1	all are helpful most affective big sign at boat launch	3/6/2015 7:02 AM

Q13 Below is a list of possible negative impacts commonly found in Wisconsin lakes. To what level do you believe each of the following factors may be impacting Beans Lake? (Please rate 0 - 5)* Not Present means that you believe the issue does not exist on Beans Lake.No Impact means that the issue may exist on Beans Lake but it is not negatively impacting the lake.**

Answered: 4 Skipped: 0



■ *Not present 0
 ■ **No Impact 1
 ■ 2
 ■ Moderately negative impact 3
 ■ 4
■ Great negative impact 5
 Unsure - need more info

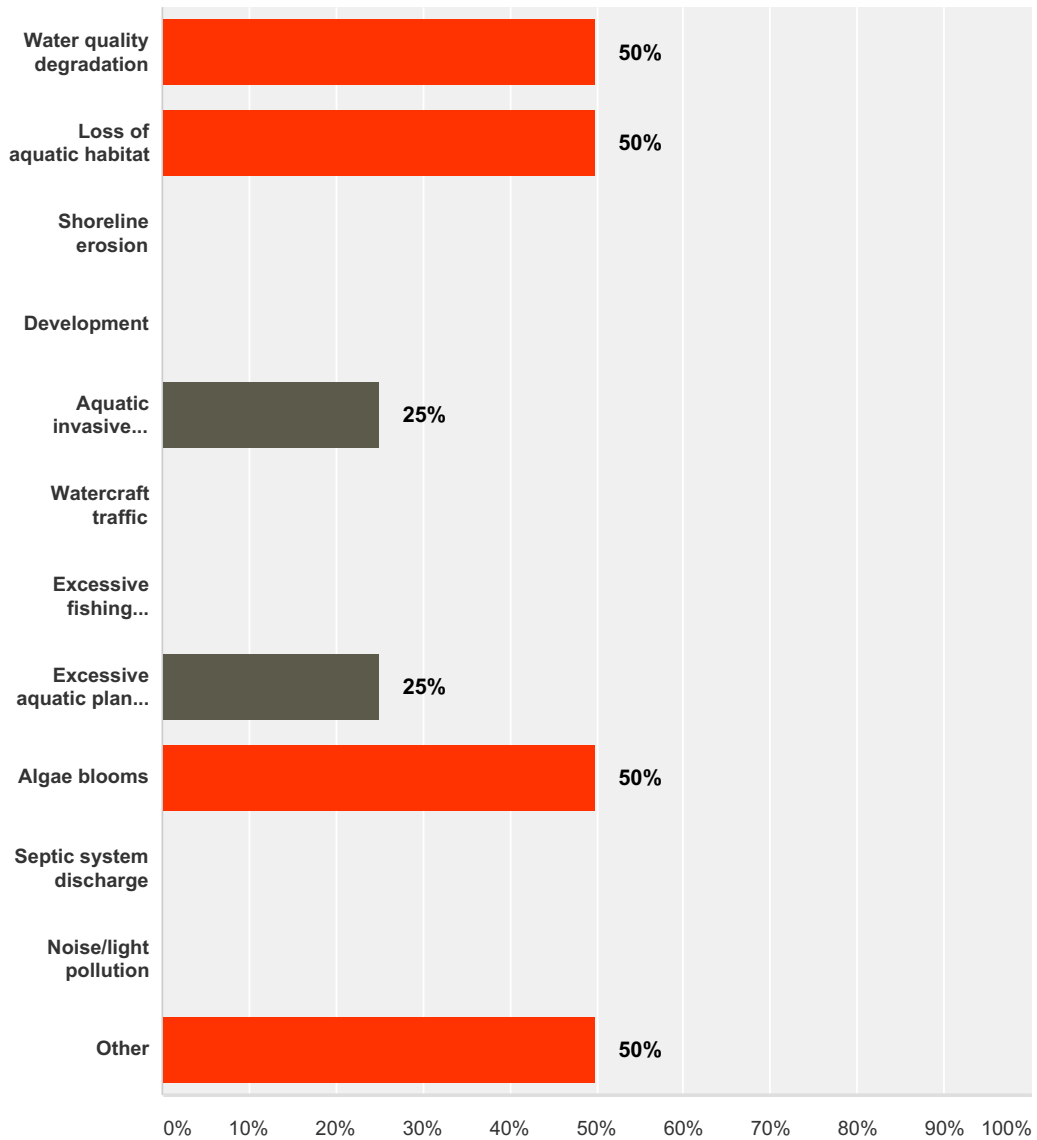
Beans Lake Survey #3 AP

	*Not present 0	**No Impact 1	2	Moderately negative impact 3	4	Great negative impact 5	Unsure - need more info	Total	Weighted Average
Water quality degradation	0% 0	25% 1	50% 2	0% 0	0% 0	25% 1	0% 0	4	2.50
Loss of aquatic habitat	0% 0	33% 1	0% 0	0% 0	33% 1	33% 1	0% 0	3	3.33
Shoreline erosion	25% 1	75% 3	0% 0	0% 0	0% 0	0% 0	0% 0	4	0.75
Development	50% 2	25% 1	0% 0	0% 0	0% 0	25% 1	0% 0	4	1.50
Aquatic invasive species introduction	25% 1	25% 1	0% 0	0% 0	25% 1	0% 0	25% 1	4	1.25
Excessive watercraft traffic	75% 3	25% 1	0% 0	0% 0	0% 0	0% 0	0% 0	4	0.25
Unsafe watercraft practices	75% 3	25% 1	0% 0	0% 0	0% 0	0% 0	0% 0	4	0.25
Excessive fishing pressure	75% 3	25% 1	0% 0	0% 0	0% 0	0% 0	0% 0	4	0.25
Excessive aquatic plant growth (excluding algae)	0% 0	0% 0	0% 0	0% 0	0% 0	100% 4	0% 0	4	5.00
Algae blooms	0% 0	0% 0	0% 0	0% 0	0% 0	50% 2	50% 2	4	2.50
Septic system discharge	0% 0	50% 2	0% 0	0% 0	0% 0	0% 0	50% 2	4	0.50
Excessive noise/light pollution	50% 2	50% 2	0% 0	0% 0	0% 0	0% 0	0% 0	4	0.50

#	Other (please specify)	Date
1	Biggest Problem on Beans lake is lower water, in 16 years water level is out about 50 or 60 feet. Let's talk about water level, is it irrigation systems? Is any regulation possible through legislation? Will there be more problems in the future. Sorry I was out of town and missed last meeting.	3/6/2015 7:02 AM

Q14 From the list below, please mark your top three concerns regarding Beans Lake.

Answered: 4 Skipped: 0



Answer Choices	Responses
Water quality degradation	50% 2
Loss of aquatic habitat	50% 2
Shoreline erosion	0% 0
Development	0% 0
Aquatic invasive species introduction	25% 1
Watercraft traffic	0% 0

Beans Lake Survey #3 AP

Excessive fishing pressure	0%	0
Excessive aquatic plant growth (excluding algae)	25%	1
Algae blooms	50%	2
Septic system discharge	0%	0
Noise/light pollution	0%	0
Other	50%	2
Total Respondents: 4		

Beans Lake Survey #4 AP

**Q1 What is your Waushara County Lakes
Study ID?**

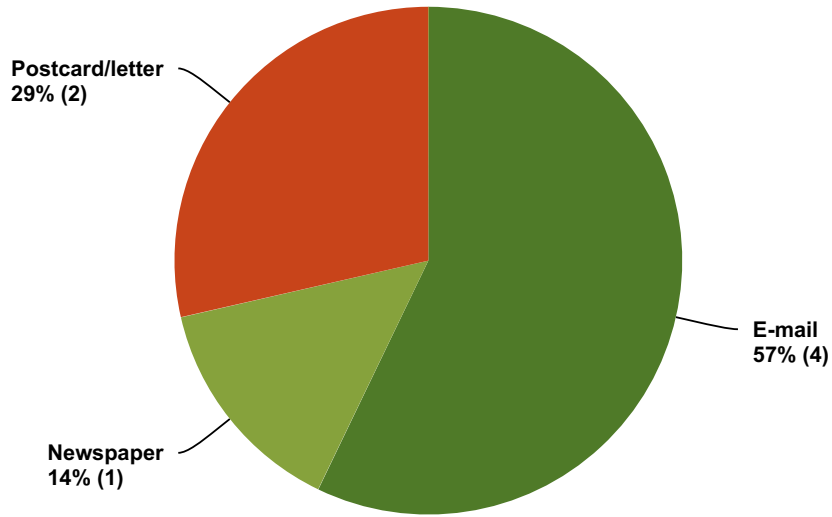
Answered: 7 Skipped: 0

#	Responses	Date
1	[REDACTED]	4/28/2015 12:51 PM
2	[REDACTED]	4/17/2015 5:58 PM
3	[REDACTED]	4/7/2015 10:51 AM
4	[REDACTED]	4/6/2015 2:09 PM
5	[REDACTED]	4/5/2015 3:11 PM
6	[REDACTED]	4/1/2015 11:47 AM
7	[REDACTED]	4/1/2015 11:29 AM

Beans Lake Survey #4 AP

Q2 How did you hear about this survey?

Answered: 7 Skipped: 0

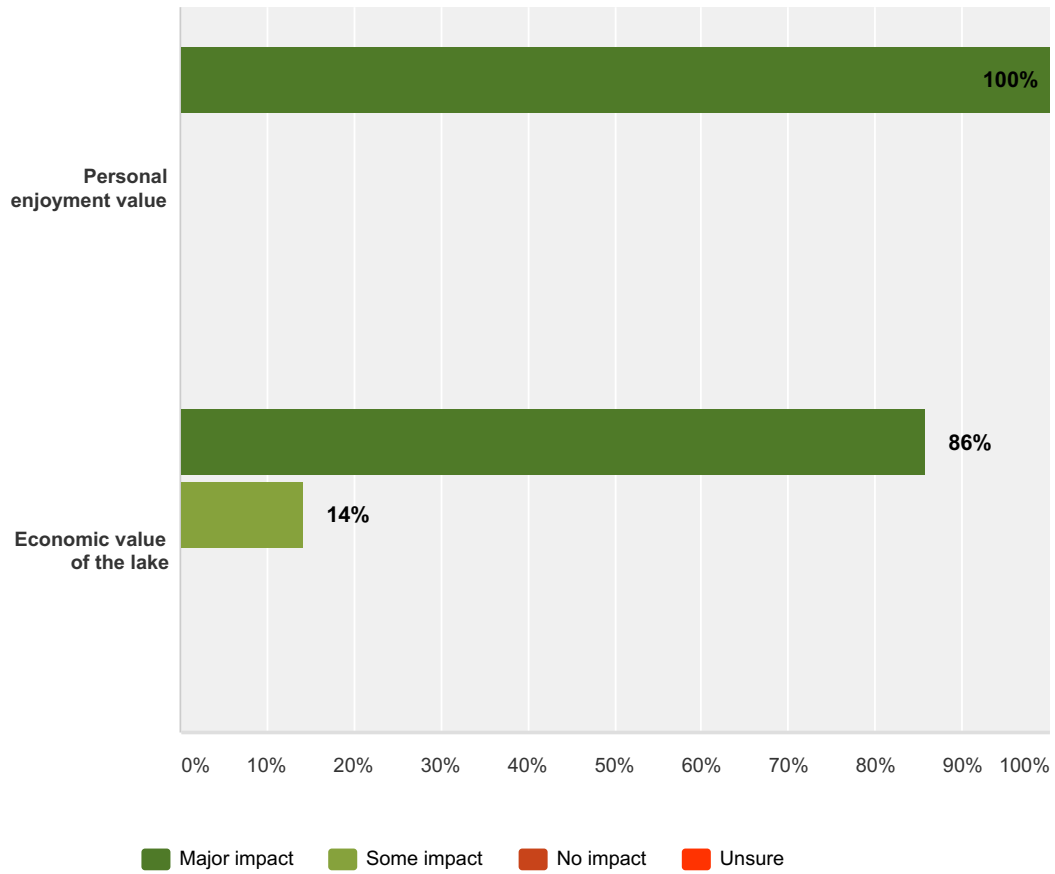


Answer Choices	Responses
E-mail	57% 4
Newspaper	14% 1
Postcard/letter	29% 2
Facebook	0% 0
Radio	0% 0
Word of mouth	0% 0
Total	7

#	Other (please specify)	Date
	There are no responses.	

Q3 How much impact does the water quality of Beans Lake have on the following?

Answered: 7 Skipped: 0

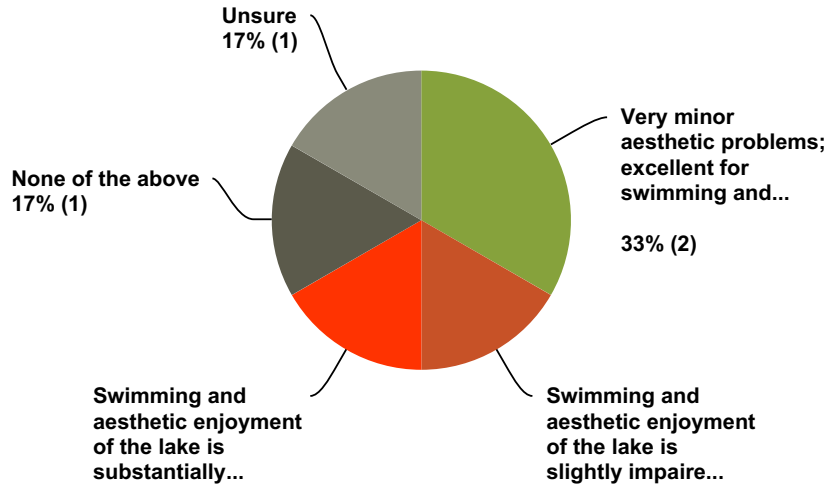


	Major impact	Some impact	No impact	Unsure	Total
Personal enjoyment value	100% 7	0% 0	0% 0	0% 0	7
Economic value of the lake	86% 6	14% 1	0% 0	0% 0	7

Beans Lake Survey #4 AP

Q4 Which statement best describes water clarity during the times you spend most on the lake?

Answered: 6 Skipped: 1

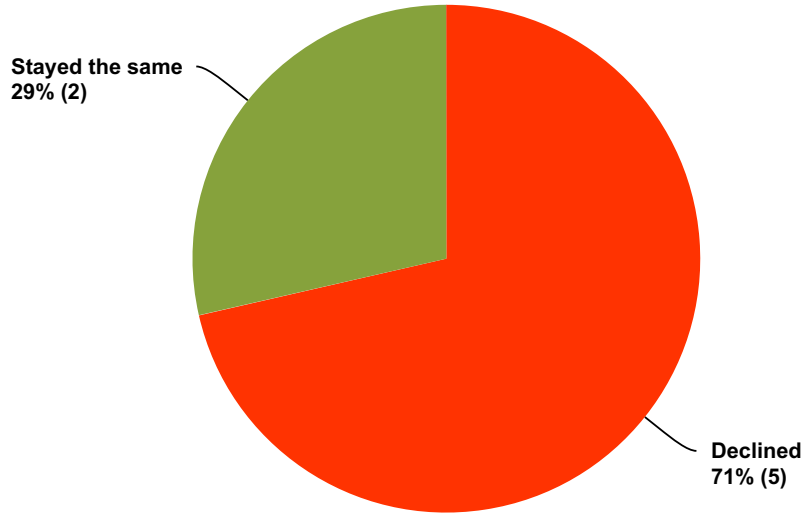


Answer Choices	Responses	
Beautiful, could not be any nicer	0%	0
Very minor aesthetic problems; excellent for swimming and boating enjoyment	33%	2
Swimming and aesthetic enjoyment of the lake is slightly impaired because of algae	17%	1
Swimming and aesthetic enjoyment of the lake is moderately reduced because of algae	0%	0
Swimming and aesthetic enjoyment of the lake is substantially reduced because of algae	17%	1
None of the above	17%	1
Unsure	17%	1
Total		6

Beans Lake Survey #4 AP

Q5 During the time that you have lived on, visited, or recreated on the lake, how would you say the water quality has changed?

Answered: 7 Skipped: 0

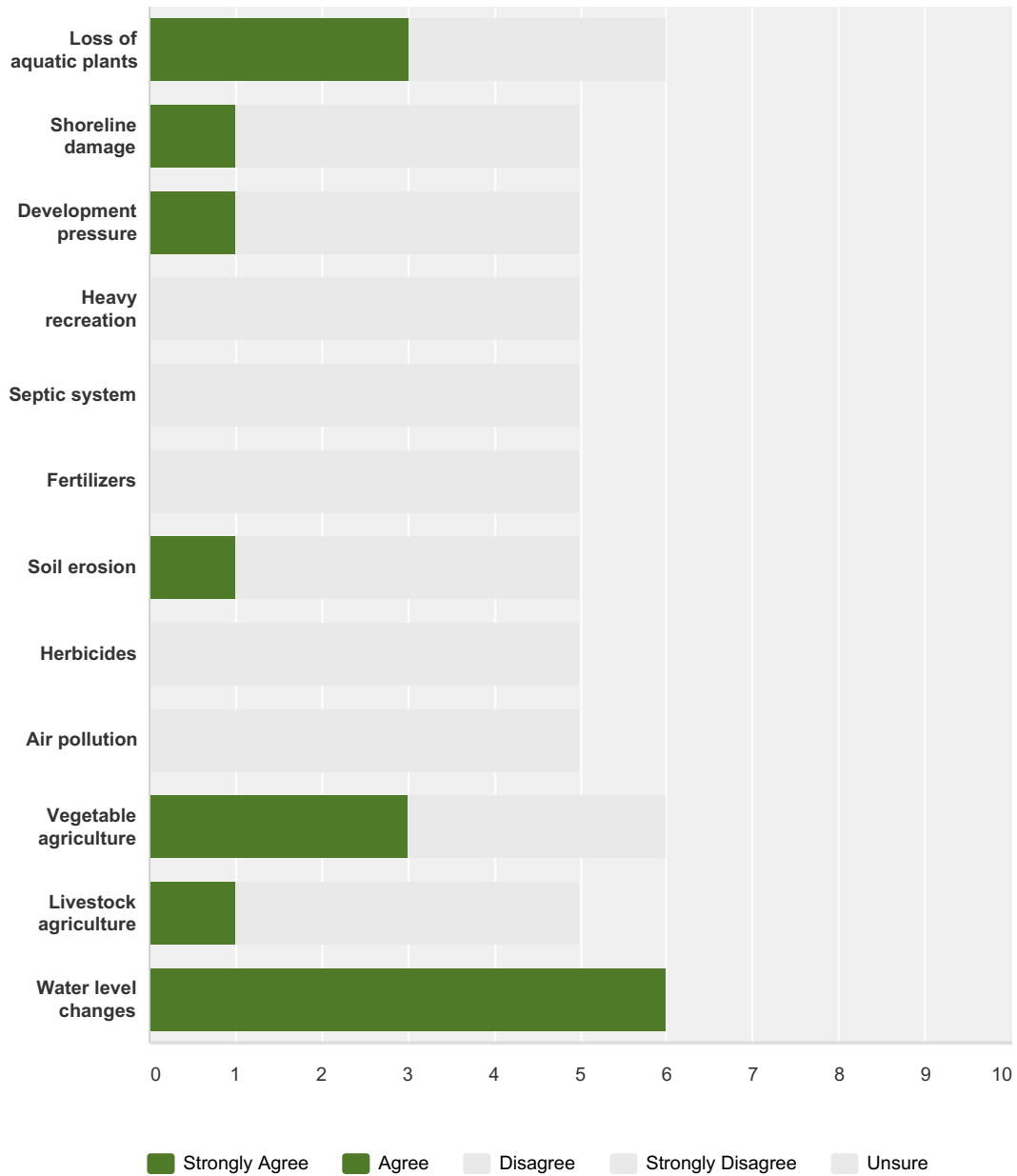


Answer Choices	Responses	
Improved	0%	0
Declined	71%	5
Stayed the same	29%	2
Unsure	0%	0
Total		7

Beans Lake Survey #4 AP

Q6 If it has declined, in your opinion, what are the primary causes?

Answered: 6 Skipped: 1



	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsure	Total Respondents
Loss of aquatic plants	17% 1	33% 2	17% 1	17% 1	17% 1	6
Shoreline damage	0% 0	20% 1	40% 2	20% 1	20% 1	5
Development pressure	20% 1	0% 0	20% 1	40% 2	20% 1	5
Heavy recreation	0% 0	0% 0	20% 1	60% 3	20% 1	5

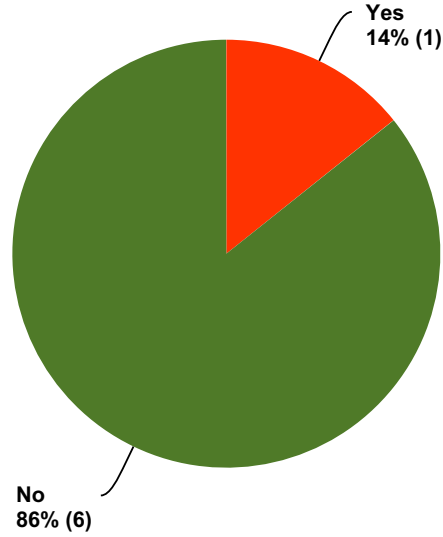
Beans Lake Survey #4 AP

Septic system	0% 0	0% 0	60% 3	20% 1	20% 1	5
Fertilizers	0% 0	0% 0	60% 3	0% 0	40% 2	5
Soil erosion	0% 0	20% 1	40% 2	20% 1	20% 1	5
Herbicides	0% 0	0% 0	60% 3	0% 0	40% 2	5
Air pollution	0% 0	0% 0	40% 2	40% 2	20% 1	5
Vegetable agriculture	50% 3	0% 0	33% 2	0% 0	17% 1	6
Livestock agriculture	20% 1	0% 0	40% 2	20% 1	20% 1	5
Water level changes	100% 6	0% 0	0% 0	0% 0	0% 0	6

Beans Lake Survey #4 AP

Q7 Do you use herbicides or pesticides (i.e. "weed and feed") on your land? If selecting No, please skip to Question 11.

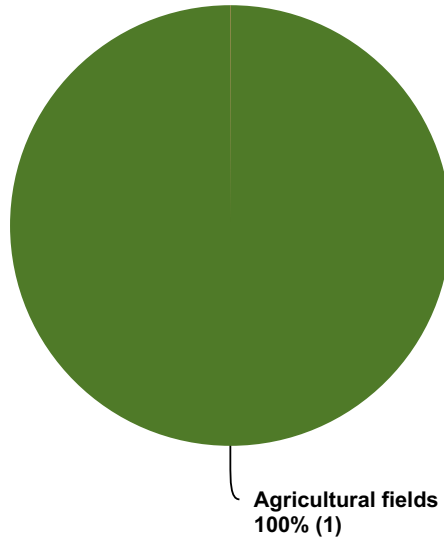
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	14%	1
No	86%	6
Total		7

Q8 Where do you apply herbicides and/or pesticides?

Answered: 1 Skipped: 6



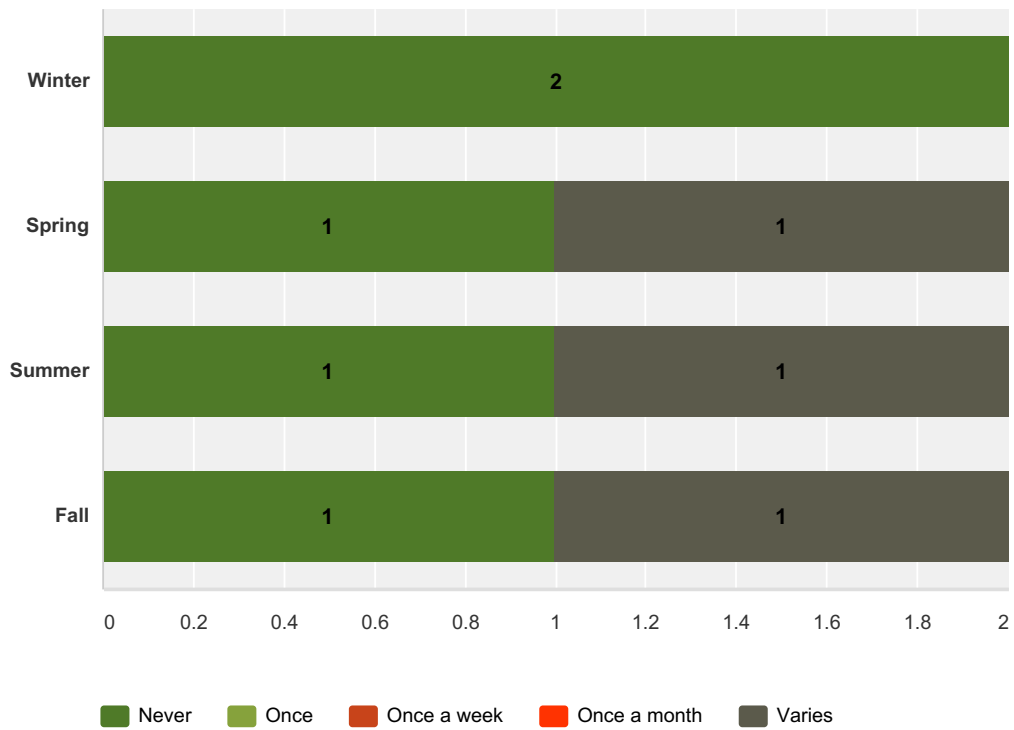
Answer Choices	Responses
Agricultural fields	100% 1
Garden	0% 0
Lawn	0% 0
Total	1

#	Other (please specify)	Date
1	none	4/1/2015 11:32 AM

Beans Lake Survey #4 AP

Q9 In a typical year, how often do you apply herbicides and/or pesticides?

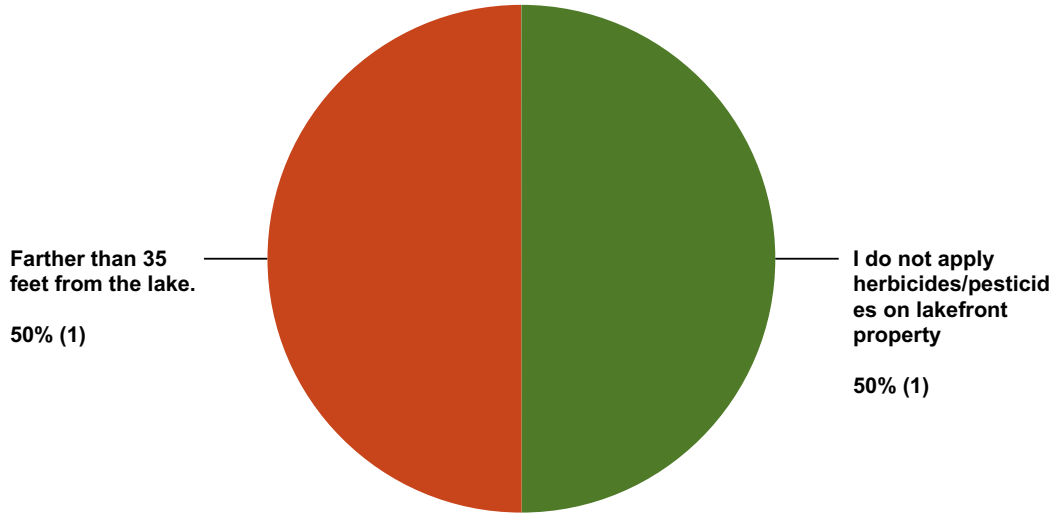
Answered: 2 Skipped: 5



	Never	Once	Once a week	Once a month	Varies	Total Respondents
Winter	100% 2	0% 0	0% 0	0% 0	0% 0	2
Spring	50% 1	0% 0	0% 0	0% 0	50% 1	2
Summer	50% 1	0% 0	0% 0	0% 0	50% 1	2
Fall	50% 1	0% 0	0% 0	0% 0	50% 1	2

Q10 If you apply herbicides and/or pesticides on lakefront property, how close to the lake are they applied (select the closest distance to the lake where herbicides/pesticides are applied)?

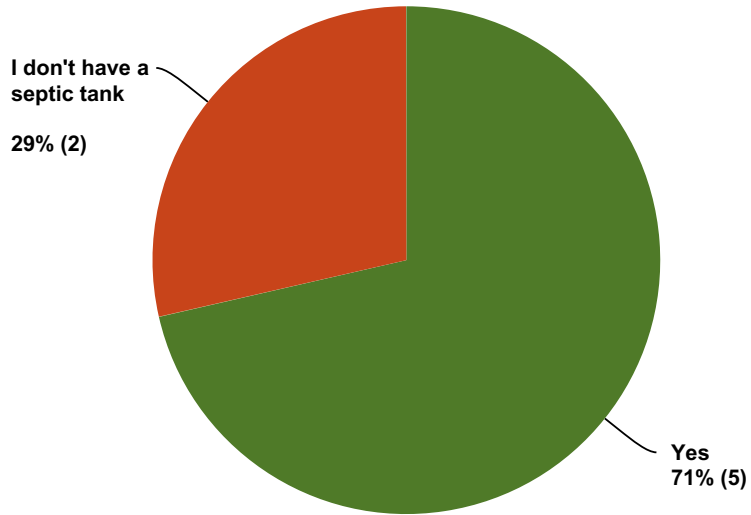
Answered: 2 Skipped: 5



Answer Choices	Responses	
I do not apply herbicides/pesticides on lakefront property	50%	1
Up to the lake	0%	0
Within 35 feet of the lake	0%	0
Farther than 35 feet from the lake.	50%	1
Total		2

Q11 Do you have your septic tank pumped at least every 3 years?

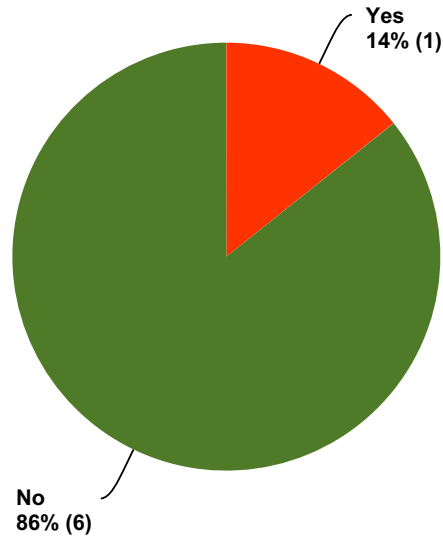
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	71%	5
No	0%	0
I don't have a septic tank	29%	2
Total		7

Q12 Do you use fertilizer on your land?

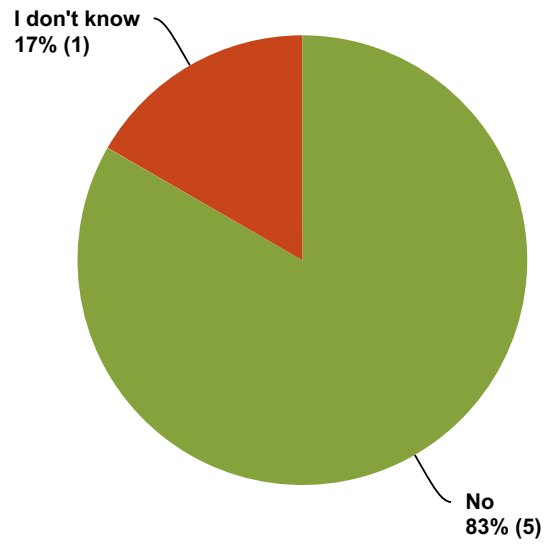
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	14%	1
No	86%	6
Total		7

Q13 Do you use fertilizer which contains phosphorus?

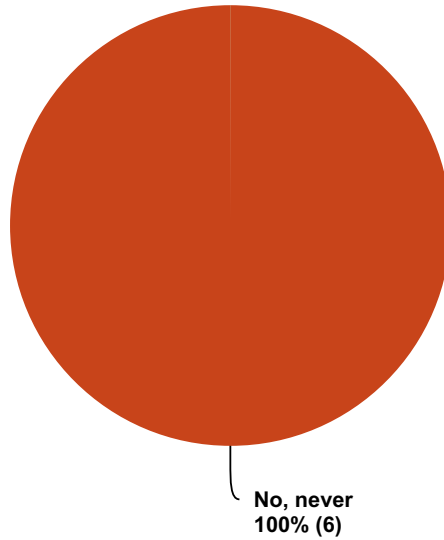
Answered: 6 Skipped: 1



Answer Choices	Responses	
Yes	0%	0
No	83%	5
I don't know	17%	1
Total		6

Q14 Do you have your soil tested before applying fertilizer?

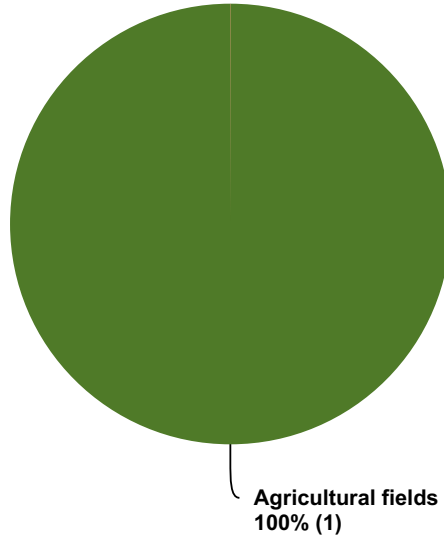
Answered: 6 Skipped: 1



Answer Choices	Responses
Yes, all of the time	0% 0
Yes, some of the time	0% 0
No, never	100% 6
Total	6

Q15 Where do you apply fertilizer?

Answered: 1 Skipped: 6



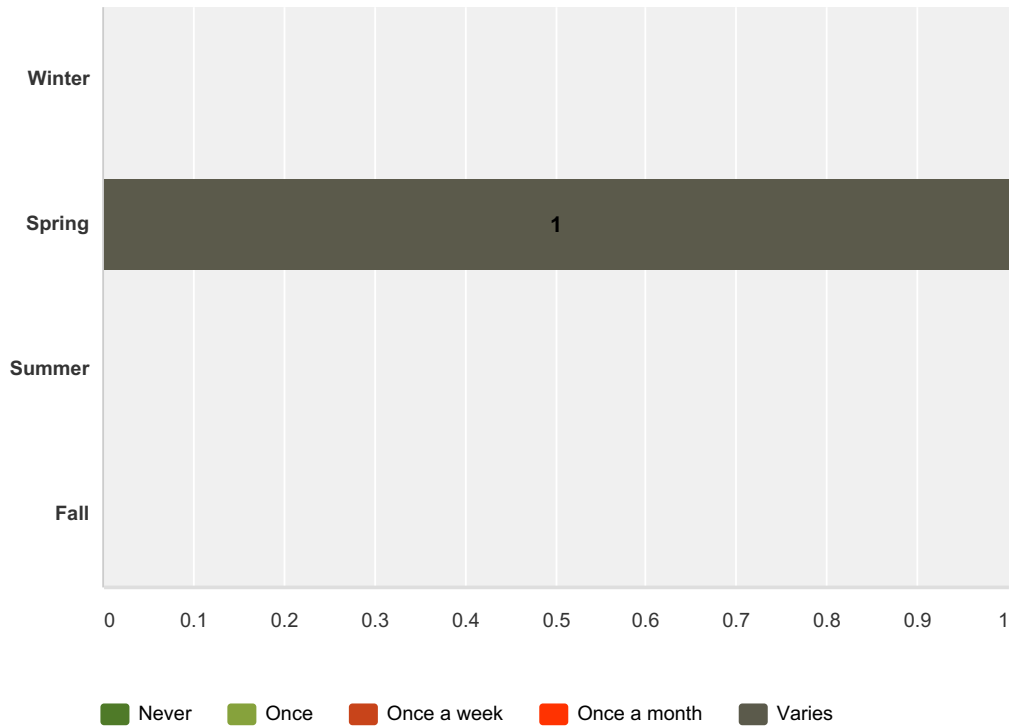
Answer Choices	Responses	
Agricultural fields	100%	1
Garden	0%	0
Lawn	0%	0
Total		1

#	Other (please specify)	Date
	There are no responses.	

Beans Lake Survey #4 AP

Q16 In a typical year, how often do you apply fertilizer?

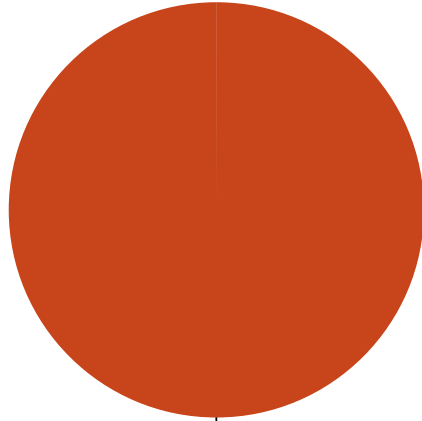
Answered: 1 Skipped: 6



	Never	Once	Once a week	Once a month	Varies	Total Respondents
Winter	0% 0	0% 0	0% 0	0% 0	0% 0	0
Spring	0% 0	0% 0	0% 0	0% 0	100% 1	1
Summer	0% 0	0% 0	0% 0	0% 0	0% 0	0
Fall	0% 0	0% 0	0% 0	0% 0	0% 0	0

Q17 If you apply fertilizer on lakefront property, how close to the lake is it applied (select the closest distance to the lake where fertilizer is applied)?

Answered: 1 Skipped: 6

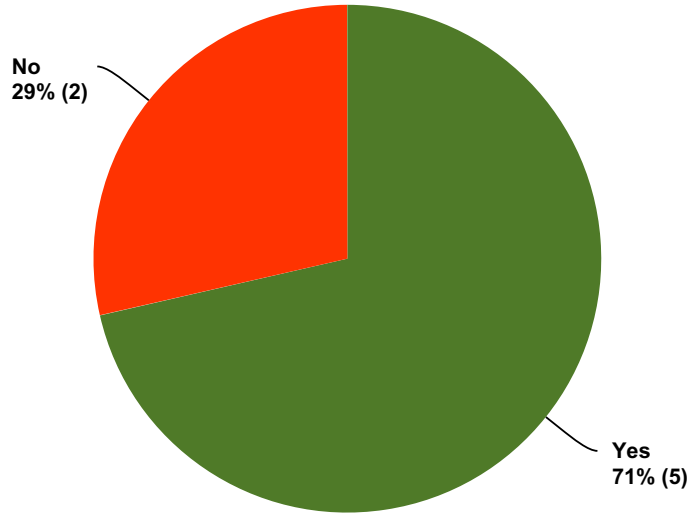


Farther than 35 feet from the lake.
100% (1)

Answer Choices	Responses
I do not apply fertilizer on lakefront property	0% 0
Up to the lake	0% 0
Within 35 feet of the lake	0% 0
Farther than 35 feet from the lake.	100% 1
Total	1

Q18 Before reading the previous paragraph, did you know about the effects of phosphorus on lakes?

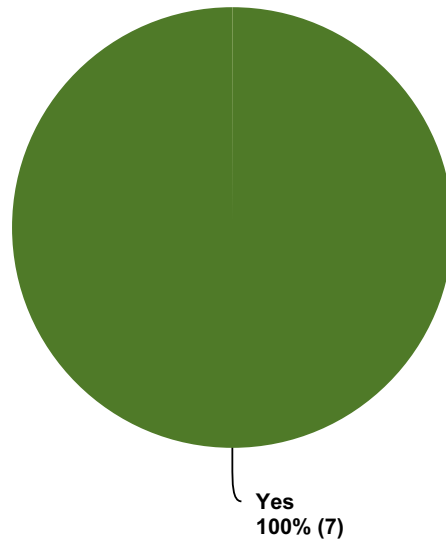
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	71%	5
No	29%	2
Unsure	0%	0
Total		7

Q19 Do you own shoreland property? If selecting No, please skip to the last page.

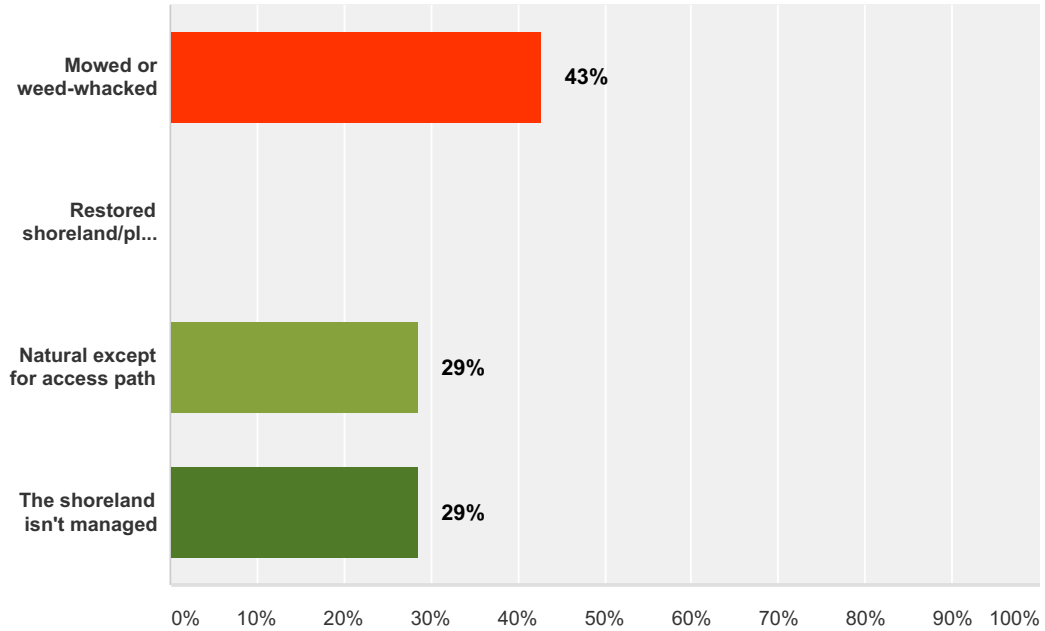
Answered: 7 Skipped: 0



Answer Choices	Responses
Yes	100% 7
No	0% 0
Total	7

Q20 How do you currently manage the majority of your property within 35 feet of the lake? Check all that apply.

Answered: 7 Skipped: 0

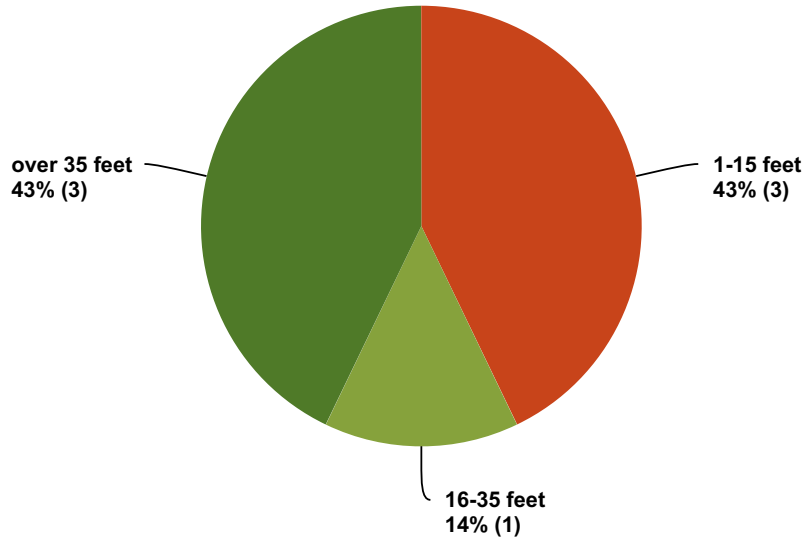


Answer Choices	Responses
Mowed or weed-whacked	43% 3
Restored shoreland/planted	0% 0
Natural except for access path	29% 2
The shoreland isn't managed	29% 2
Total Respondents: 7	

#	Other (please specify)	Date
1	lake level so low that current shoreline is more tha 35 ft from yard and is filled with wetland natural growth	4/1/2015 11:36 AM

Q21 If you have unmowed shoreland vegetation, how far inland from the water's edge does it extend?

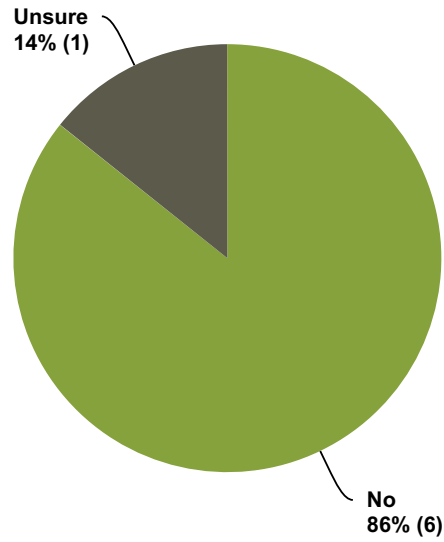
Answered: 7 Skipped: 0



Answer Choices	Responses
I do not have unmowed shoreland vegetation	0% 0
1-15 feet	43% 3
16-35 feet	14% 1
over 35 feet	43% 3
Total	7

Q22 Have you observed erosion from your path to the lake?

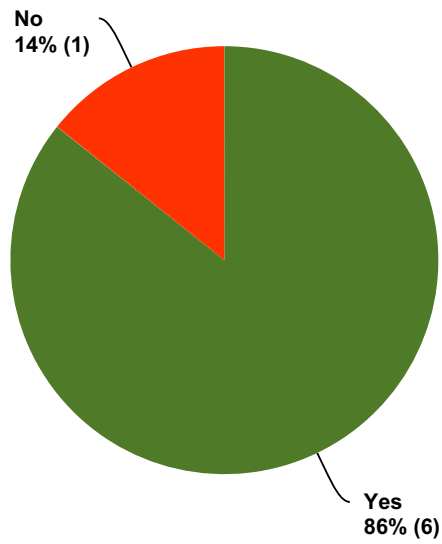
Answered: 7 Skipped: 0



Answer Choices	Responses	
I have no path	0%	0
Yes	0%	0
No	86%	6
Unsure	14%	1
Total		7

Q23 Did you understand the importance of shoreland vegetation before reading this?

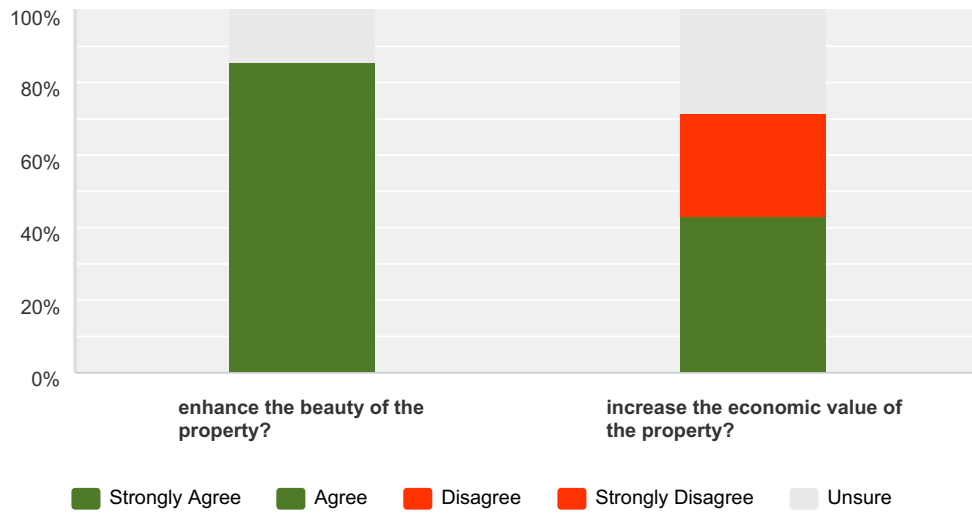
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	86%	6
No	14%	1
Unsure	0%	0
Total		7

Q24 In your opinion, does shoreland vegetation...

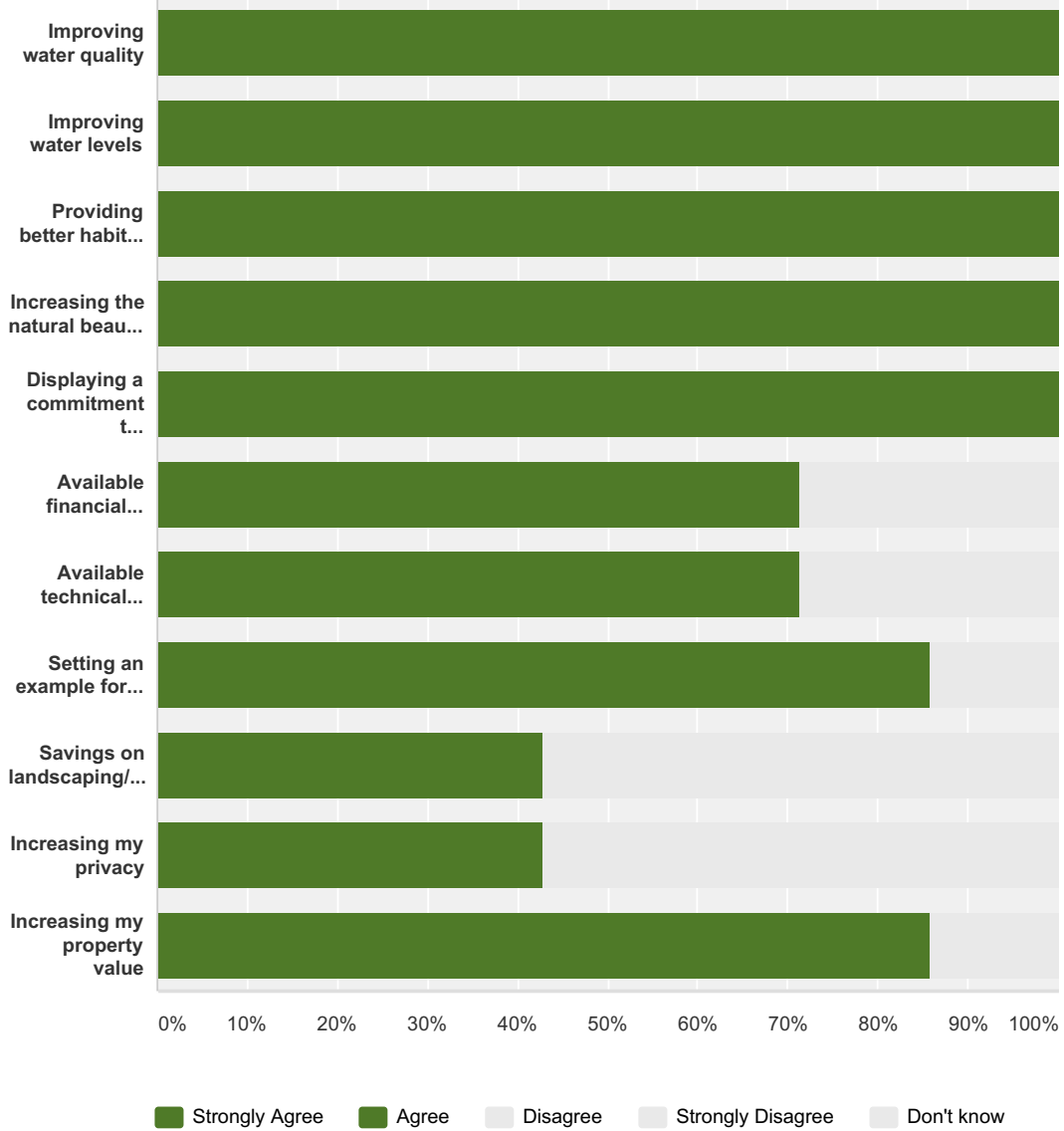
Answered: 7 Skipped: 0



	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsure	Total
enhance the beauty of the property?	43% 3	43% 3	0% 0	0% 0	14% 1	7
increase the economic value of the property?	14% 1	29% 2	29% 2	0% 0	29% 2	7

Q25 What might motivate you to change how you manage your land?

Answered: 7 Skipped: 0



	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't know	Total
Improving water quality	50% 3	50% 3	0% 0	0% 0	0% 0	6
Improving water levels	100% 7	0% 0	0% 0	0% 0	0% 0	7
Providing better habitat for fish and wildlife	67% 4	33% 2	0% 0	0% 0	0% 0	6
Increasing the natural beauty of my property	57% 4	43% 3	0% 0	0% 0	0% 0	7
Displaying a commitment to the environment	86% 6	14% 1	0% 0	0% 0	0% 0	7

Beans Lake Survey #4 AP

Available financial assistance	43% 3	29% 2	29% 2	0% 0	0% 0	7
Available technical assistance	57% 4	14% 1	14% 1	0% 0	14% 1	7
Setting an example for community members	57% 4	29% 2	0% 0	0% 0	14% 1	7
Savings on landscaping/maintenance costs	29% 2	14% 1	14% 1	29% 2	14% 1	7
Increasing my privacy	29% 2	14% 1	43% 3	14% 1	0% 0	7
Increasing my property value	43% 3	43% 3	14% 1	0% 0	0% 0	7

#	Other (please specify)	Date
1	DNR needs to improve its Stewardship of this lake.	4/5/2015 3:18 PM