

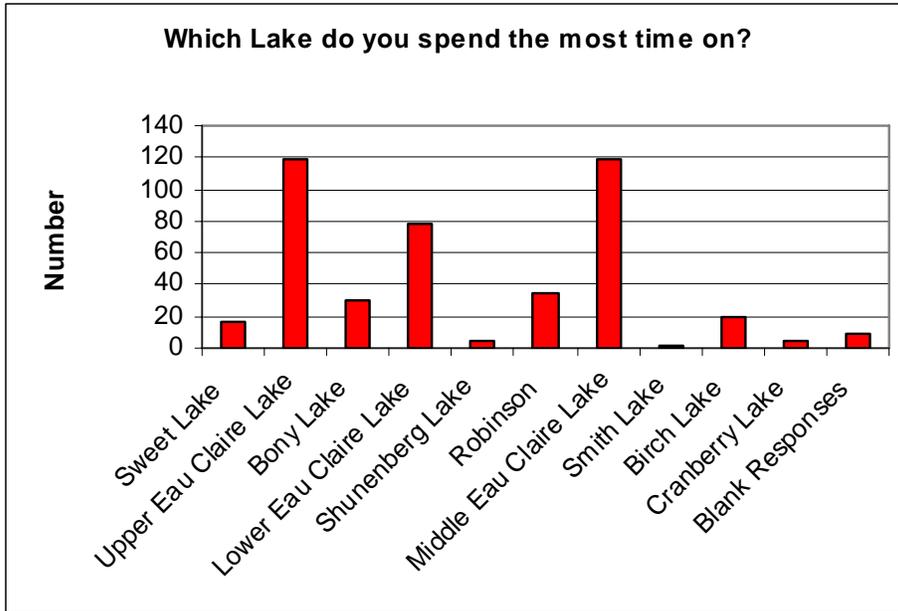
Eau Claire Lakes Survey Results

The Barnes/Eau Claire Lakes Property Owners Association conducted a survey of property owners within the three watersheds that drain into the Eau Claire Lakes to assess the present perceptions of the Eau Claire Lakes and use this information in its plan for the future.

Approximately 970 surveys were sent out with 438 returned for a 45% return rate. Some questions are not included in these results because the survey asked for comments.

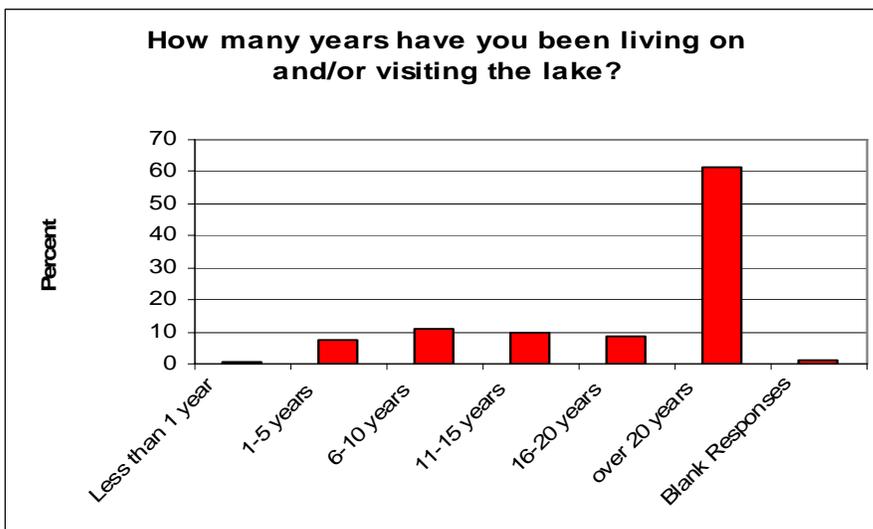
1. Which Lake do you live on or nearest to?		
	Count	Percent
Sweet Lake	18	4.1
Upper Eau Claire Lake	107	24.4
Bony Lake	34	7.8
Lower Eau Claire Lake	76	17.4
Shunenberg Lake	8	1.8
Robinson	31	7.1
Middle Eau Claire Lake	119	27.2
Smith Lake	4	0.9
Birch Lake	31	7.1
Cranberry Lake	3	0.7
Blank Responses	7	1.6
TOTAL	438	100

2. Which Lake do you spend the most time on?		
	Count	Percent
Sweet Lake	17	3.9
Upper Eau Claire Lake	119	27.2
Bony Lake	30	6.8
Lower Eau Claire Lake	78	17.8
Shunenberg Lake	5	1.1
Robinson	35	8
Middle Eau Claire Lake	119	27.2
Smith Lake	2	0.5
Birch Lake	20	4.6
Cranberry Lake	4	0.9
Blank Responses	9	2.1
TOTAL	438	100



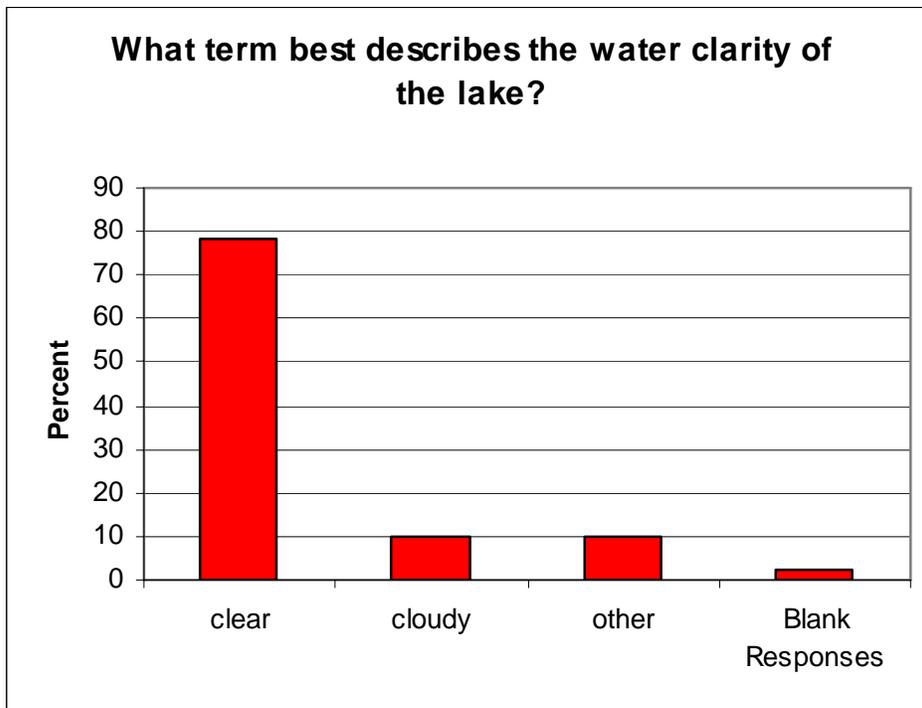
3. How many years have you been living on and/or visiting the lake (circled in question #2)?

	Count	Percent
Less than 1 year	3	0.7
1-5 years	32	7.3
6-10 years	48	11
11-15 years	44	10
16-20 years	37	8.4
over 20 years	268	61.2
Blank Responses	6	1.4
TOTAL	438	100



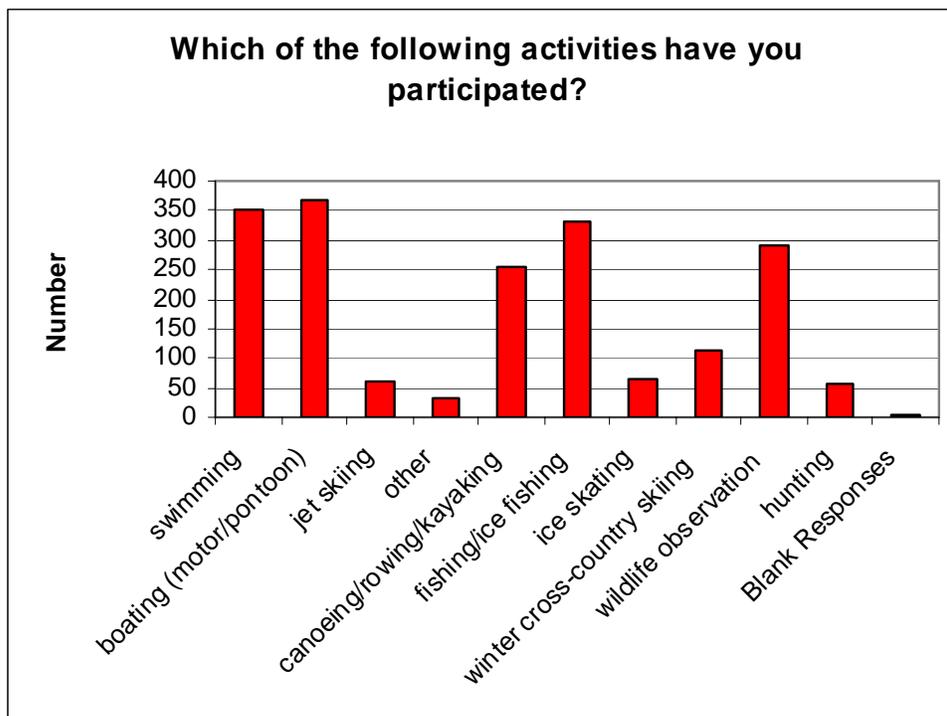
4. What is your opinion of the use of the lake (circled in question #2) this summer?		
	Count	Percent
under used	33	7.5
don't know	33	7.5
used at the right level	298	68
over used	66	15.1
Blank Responses	8	1.8
TOTAL	438	100

5. What term best describes the water clarity of the lake (circled in question #2)?		
	Count	Percent
clear	342	78.1
cloudy	43	9.8
other	43	9.8
Blank Responses	10	2.3
TOTAL	438	100



6. What factors prompted your answer to #5?		
(Check all that apply)		
	Count	Percent
amount of algae	109	25.8
ability to see the lake bottom	367	86.8
thickness of the sediment	63	14.9
Blank Responses	15	3.5
TOTAL	423	100

7. During your visits to the lake (circled in question #2), in which of the following activities have you participated? (Check all that apply)		
	Count	Percent
swimming	351	80.9
boating (motor/pontoon)	369	85
jet skiing	60	13.8
other	32	7.4
canoeing/rowing/kayaking	254	58.5
fishing/ice fishing	332	76.5
ice skating	64	14.7
winter cross-country skiing	112	25.8
wildlife observation	289	66.6
hunting	57	13.1
Blank Responses	4	0.9
TOTAL	434	100



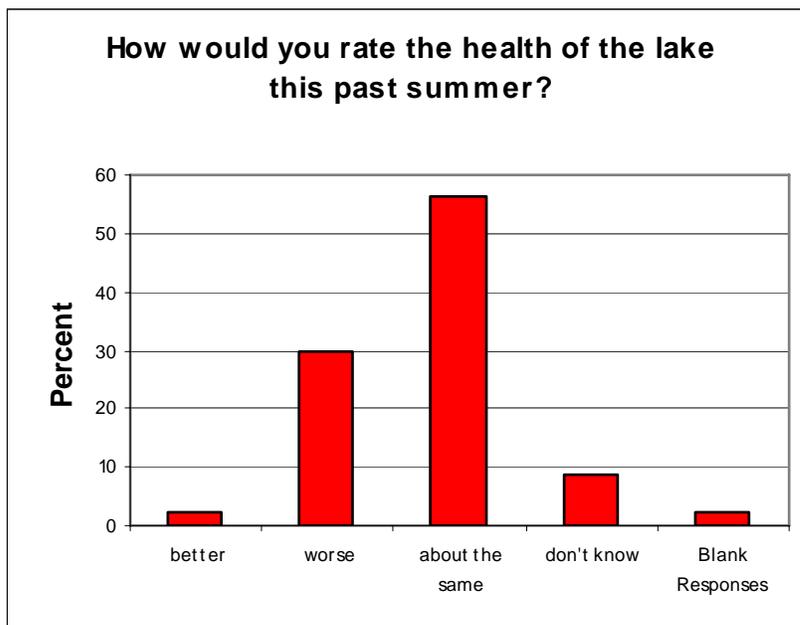
8. To what extent does water quality affect your decision to use the lake?		
	Count	Percent
little to no effect	43	9.8
some effect	100	22.8
great effect	282	64.4
Blank Responses	13	3
TOTAL	438	100

9a. If you fish, how would you rate the quality of fishing this past season compared to over the last 5 years?		
	Count	Percent
better	28	6.4
worse	110	25.1
about the same	158	36.1
don't know	30	6.8
didn't fish	64	14.6
Blank Responses	48	11
TOTAL	438	100

9b. If you fish, how would you rate the quality of fishing this past season compared to over the last 10 years?		
	Count	Percent
better	27	6.2
worse	157	35.8
about the same	93	21.2
don't know	49	11.2
didn't fish	56	12.8
Blank Responses	56	12.8
TOTAL	438	100

9c. If you fish, how would you rate the quality of fishing this past season compared to over the last 20 years?		
	Count	Percent
better	20	4.6
worse	161	36.8
about the same	43	9.8
don't know	100	22.8
didn't fish	51	11.6
Blank Responses	63	14.4
TOTAL	438	100

10a. How would you rate the health of the lake (circled in question #2) this past summer compared to last year?		
	Count	Percent
better	11	2.5
worse	131	29.9
about the same	247	56.4
don't know	38	8.7
Blank Responses	11	2.5
TOTAL	438	100

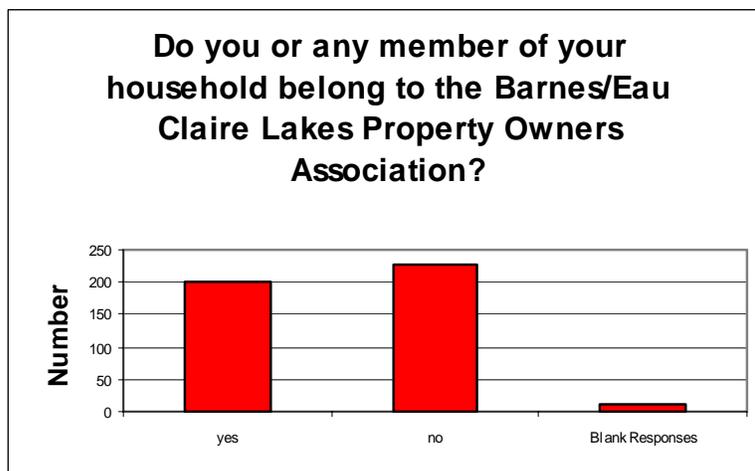


10b. How would you rate the health of the lake (circled in question #2) this past summer compared to the past 5 years?		
	Count	Percent
better	13	3
worse	154	35.2
about the same	218	49.8
don't know	37	8.4
Blank Responses	16	3.7
TOTAL	438	100

10c. How would you rate the health of the lake (circled in question #2) this past summer compared to the past 10 years?		
	Count	Percent
better	14	3.2
worse	164	37.4
about the same	173	39.5
don't know	64	14.6
Blank Responses	23	5.3
TOTAL	438	100

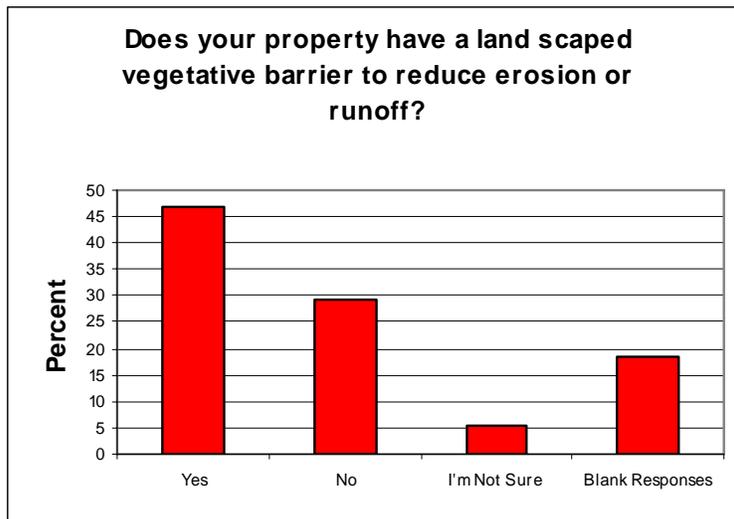
10d. How would you rate the health of the lake (circled in question #2) this past summer compared to the past 20 years?		
	Count	Percent
better	19	4.3
worse	153	34.9
about the same	112	25.6
don't know	117	26.7
Blank Responses	37	8.4
TOTAL	438	100

11. Do you or any member of your household belong to Barnes/Eau Claire Lakes Property Owners Association?		
	Count	Percent
yes	201	45.9
no	227	51.8
Blank Responses	10	2.3
TOTAL	438	100



15. Which term best describes the lake's public access?		
	Count	Percent
good	282	64.4
fair	99	22.6
poor	32	7.3
Blank Responses	25	5.7
TOTAL	438	100

16a. Does your property have a landscaped vegetative barrier to reduce erosion or runoff?		
	Count	Percent
Yes	206	47
No	128	29.2
I'm Not Sure	24	5.5
Blank Responses	80	18.3
TOTAL	438	100



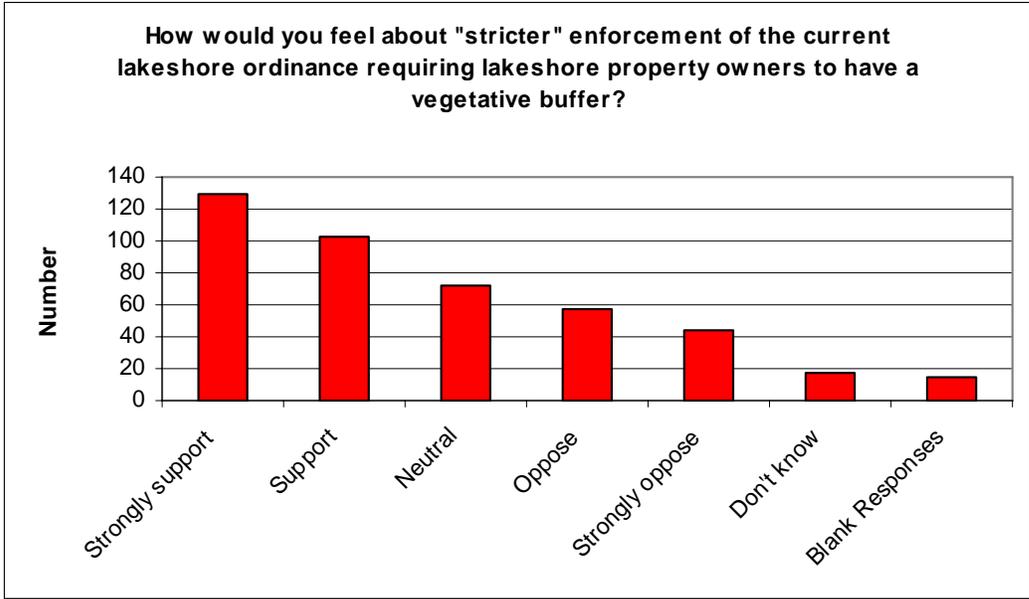
16b. Does your property have undeveloped, natural vegetation to reduce erosion or runoff?		
	Count	Percent
Yes	351	80.1
No	36	8.2
I'm Not Sure	20	4.6
Blank Responses	31	7.1
TOTAL	438	100

16c. Does your property have a grass drainage ditch to reduce erosion or runoff?		
	Count	Percent
Yes	54	12.3
No	216	49.3
I'm Not Sure	33	7.5
Blank Responses	135	30.8
TOTAL	438	100

16d. Does your property have a rain garden to reduce erosion or runoff?		
	Count	Percent
Yes	20	4.6
No	241	55
I'm Not Sure	42	9.6
Blank Responses	135	30.8
TOTAL	438	100

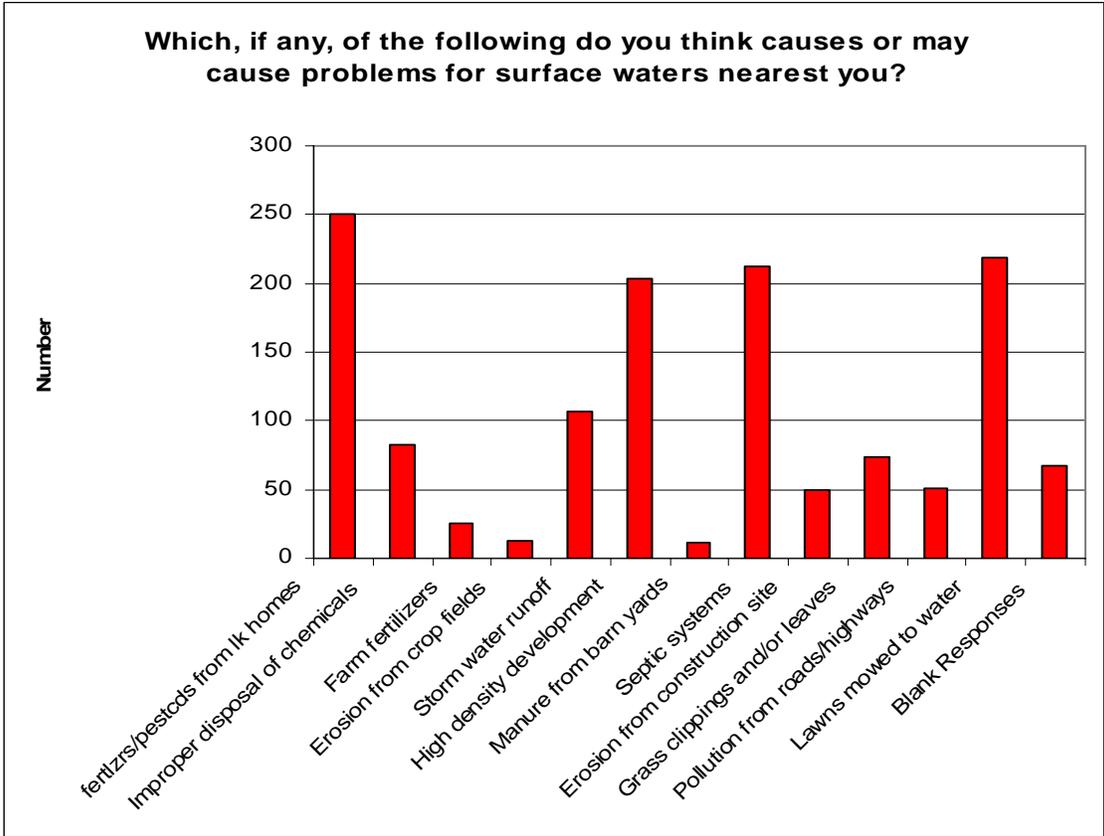
16e. Does your property have rain water collection to reduce erosion or runoff?		
	Count	Percent
Yes	37	8.4
No	244	55.7
I'm Not Sure	26	5.9
Blank Responses	131	29.9
TOTAL	438	100

17. How would you feel about "stricter" enforcement of the current lakeshore ordinance requiring lake shore property owners to have a vegetative buffer along the shoreline?		
	Count	Percent
Strongly support	129	29.5
Support	103	23.5
Neutral	72	16.4
Oppose	58	13.2
Strongly oppose	44	10
Don't know	17	3.9
Blank Responses	15	3.4
TOTAL	438	100



19. Which, if any, of the following do you think causes or may cause problems for surface waters nearest you?
(Check all that apply)

	Count	Percent
fertilizers/pesticides from lake homes	251	67.8
Improper disposal of chemicals	83	22.4
Farm fertilizers	26	7
Erosion from crop fields	13	3.5
Storm water runoff	107	28.9
High density development	204	55.1
Manure from barn yards	11	3
Septic systems	212	57.3
Erosion from construction site	50	13.5
Grass clippings and/or leaves	74	20
Pollution from roads/highways	51	13.8
Lawns mowed to water	219	59.2
Blank Responses	68	18.4
TOTAL	370	100

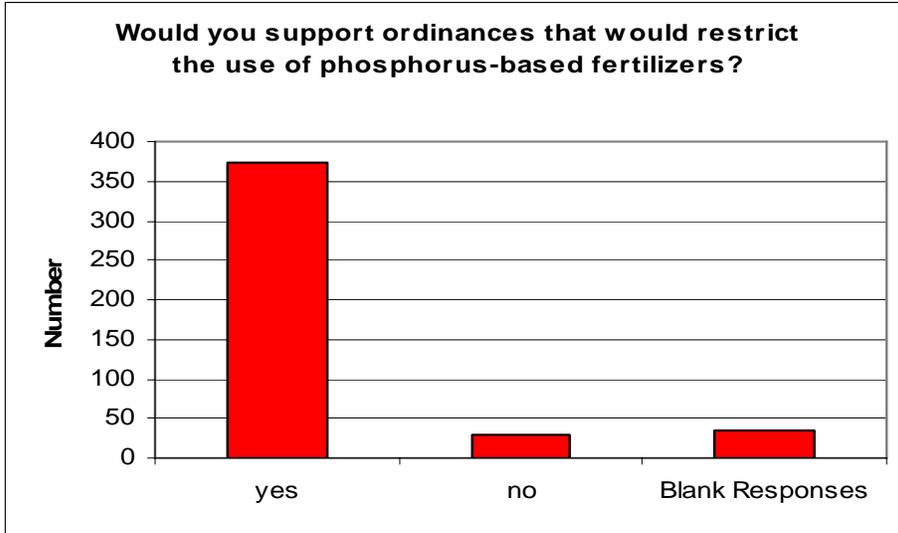


20. What do you feel should be the permitted density of dwelling units per 150 feet of shoreline for "Planned Unit Developments"?

	Count	Percent
4 per 150 feet	24	5.5
3 per 150 feet	9	2.1
2 per 150 feet	48	11
1 per 150 feet	322	73.5
Blank Responses	35	8
TOTAL	438	100

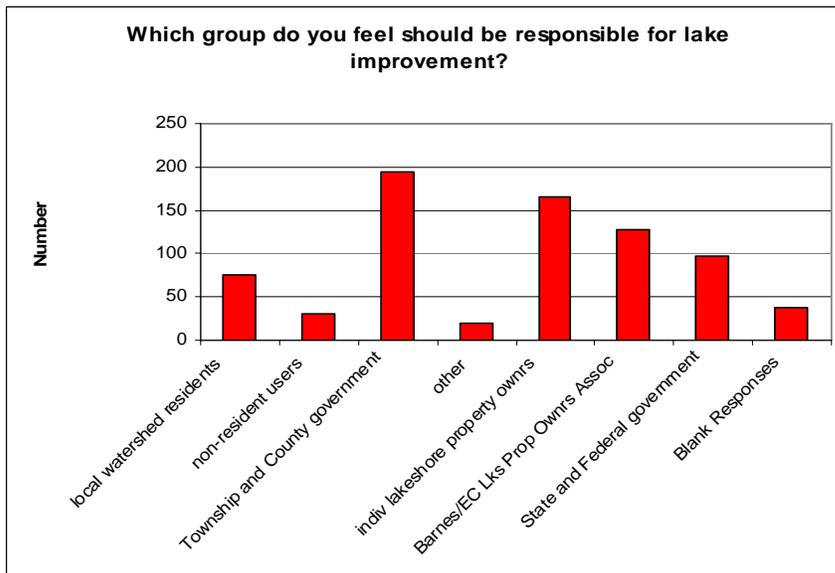
21. Would you support ordinances that would restrict the use of phosphorus-based fertilizers?

	Count	Percent
yes	373	85.2
no	30	6.8
Blank Responses	35	8
TOTAL	438	100



22. Which group or groups do you feel should be responsible for lake improvements? (Check all that apply)

	Count	Percent
local watershed residents	75	18.7
non-resident users	30	7.5
Township and County government	194	48.4
other	20	5
individual lakeshore property owners	166	41.4
Barnes/EC Lakes Prop Owners Assoc	127	31.7
State and Federal government	98	24.4
Blank Responses	37	9.2
TOTAL	401	100



24a. How often do you use the lake to entertain friends?		
	Count	Percent
1-5 times per year	141	32.2
6-10 times per year	106	24.2
11-20 times per year	60	13.7
More than 20 times per year	43	9.8
Blank Responses	88	20.1
TOTAL	438	100

24b. How often do you use the lake for fishing?		
	Count	Percent
1-5 times per year	98	22.4
6-10 times per year	71	16.2
11-20 times per year	69	15.8
More than 20 times per year	96	21.9
Blank Responses	104	23.7
TOTAL	438	100

24c. How often do you use the lake for ice fishing?		
	Count	Percent
1-5 times per year	101	23.1
6-10 times per year	28	6.4
11-20 times per year	19	4.3
More than 20 times per year	17	3.9
Blank Responses	273	62.3
TOTAL	438	100

24d. How often do you use the lake for snowmobiling?		
	Count	Percent
1-5 times per year	43	9.8
6-10 times per year	18	4.1
11-20 times per year	12	2.7
More than 20 times per year	9	2.1
Blank Responses	356	81.3
TOTAL	438	100

24e. How often do you use the lake for swimming?		
	Count	Percent
1-5 times per year	64	14.6
6-10 times per year	71	16.2
11-20 times per year	67	15.3
More than 20 times per year	145	33.1
Blank Responses	91	20.8
TOTAL	438	100

24f. How often do you use the lake for boating?		
	Count	Percent
1-5 times per year	50	11.4
6-10 times per year	64	14.6
11-20 times per year	93	21.2
More than 20 times per year	144	32.9
Blank Responses	87	19.9
TOTAL	438	100

24g. How often do you use the lake for non-motorized boating (canoe/kayak)?		
	Count	Percent
1-5 times per year	100	22.8
6-10 times per year	75	17.1
11-20 times per year	50	11.4
More than 20 times per year	70	16
Blank Responses	143	32.6
TOTAL	438	100

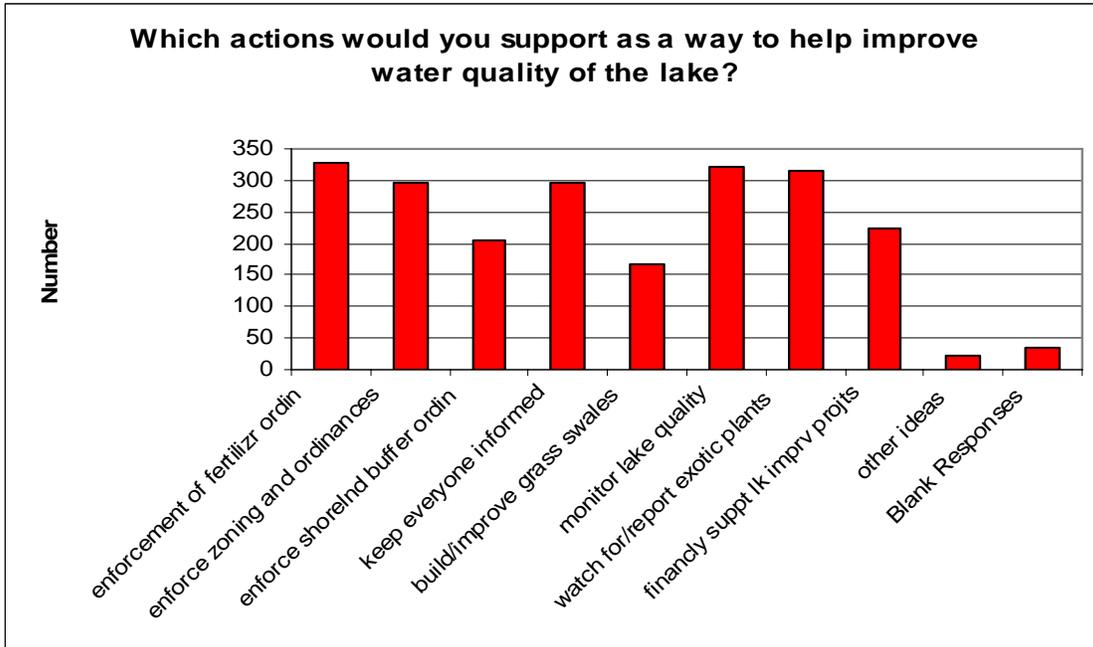
24h. How often do you use the lake for appreciating peace and tranquility?		
	Count	Percent
1-5 times per year	30	6.8
6-10 times per year	35	8
11-20 times per year	48	11
More than 20 times per year	260	59.4
Blank Responses	65	14.8
TOTAL	438	100

24i. How often do you use the lake for observing wildlife?		
	Count	Percent
1-5 times per year	29	6.6
6-10 times per year	34	7.8
11-20 times per year	50	11.4
More than 20 times per year	249	56.8
Blank Responses	76	17.4
TOTAL	438	100

24j. How often do you use the lake for campfires/picnics		
	Count	Percent
1-5 times per year	88	20.1
6-10 times per year	71	16.2
11-20 times per year	48	11
More than 20 times per year	64	14.6
Blank Responses	167	38.1
TOTAL	438	100

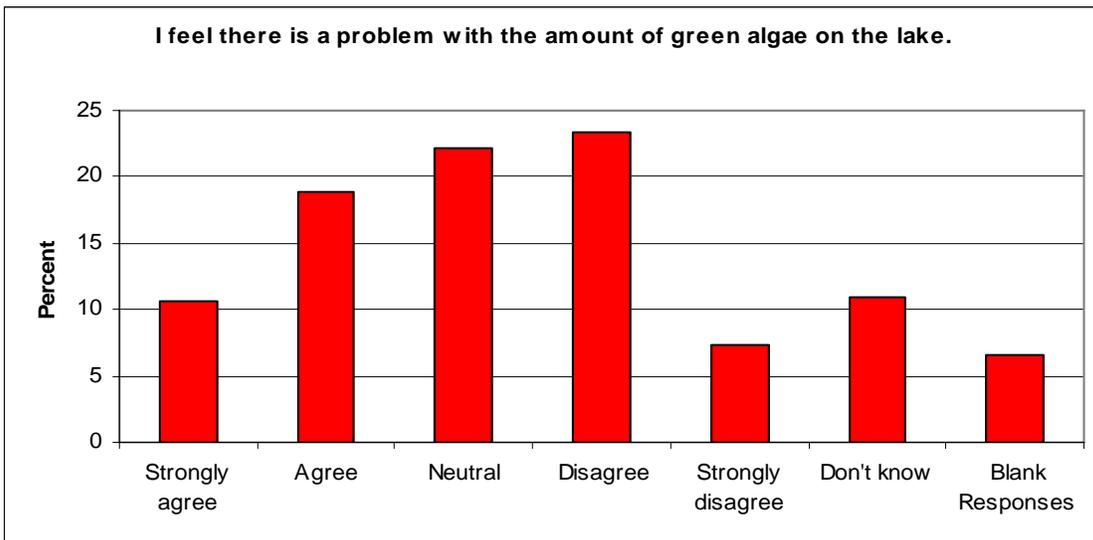
24k. How often do you use the lake for other activities?		
	Count	Percent
1-5 times per year	16	3.7
6-10 times per year	7	1.6
11-20 times per year	6	1.4
More than 20 times per year	16	3.7
Blank Responses	393	89.7
TOTAL	438	100

26. Which actions would you support as a way to help improve water quality of the lake (circled in question #2)?		
(Check all that apply)		
	Count	Percent
enforcement of fertilizer ordinance	327	81.3
enforce zoning and ordinances	296	73.6
enforce shoreland buffer ordinance	204	50.7
keep everyone informed	296	73.6
build/improve grass swales	166	41.3
monitor lake quality	321	79.9
watch for/report exotic plants	315	78.4
financially support lake improvement projects	225	56
other ideas	23	5.7
Blank Responses	36	9
TOTAL	402	100

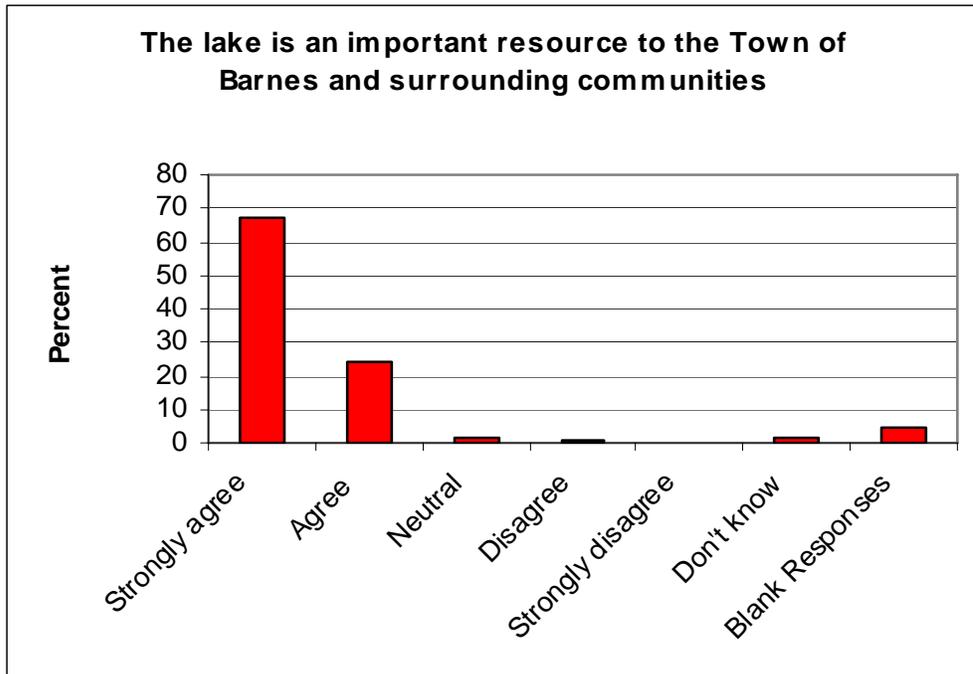


27. I feel there is a problem with the amount of green algae on the lake (circled in question #2)?

	Count	Percent
Strongly agree	47	10.7
Agree	83	18.9
Neutral	97	22.1
Disagree	102	23.3
Strongly disagree	32	7.3
Don't know	48	11
Blank Responses	29	6.6
TOTAL	438	100

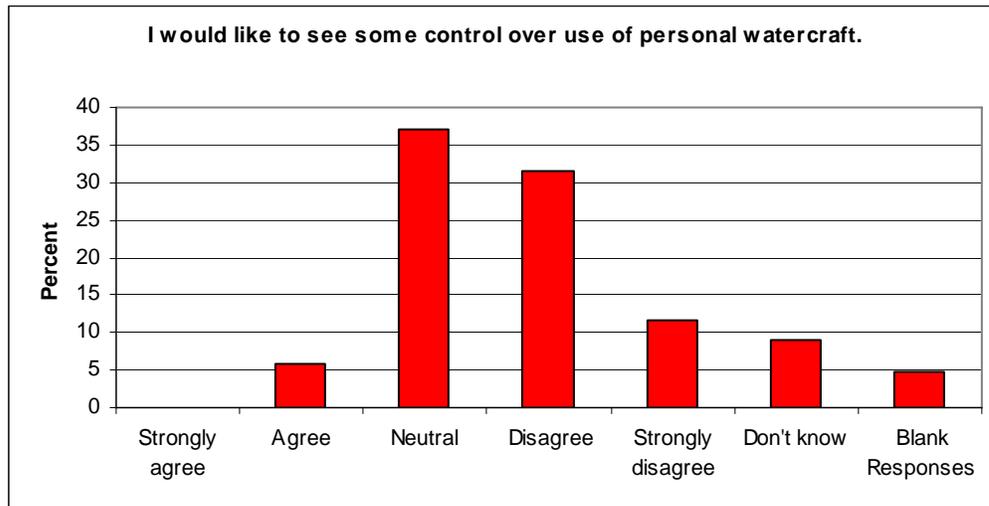


28. The lake (circled in question #2) is an important resource to the Town of Barnes and surrounding communities.		
	Count	Percent
Strongly agree	295	67.4
Agree	105	24
Neutral	8	1.8
Disagree	3	0.7
Strongly disagree	0	0
Don't know	6	1.4
Blank Responses	21	4.8
TOTAL	438	100

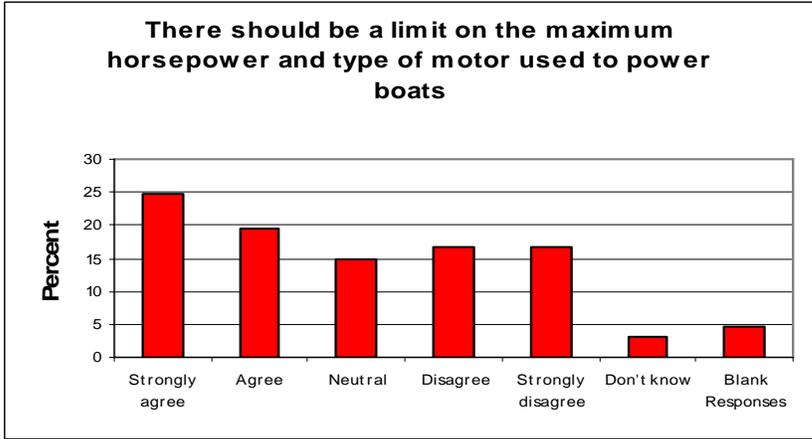


29. I would like to see some control over use of personal watercraft (jet-skis).		
	Count	Percent
Strongly agree	190	43.4
Agree	111	25.3
Neutral	55	12.6
Disagree	22	5
Strongly disagree	28	6.4
Don't know	5	1.1
Blank Responses	27	6.2
TOTAL	438	100

30. I feel the water quality of the lake (circled in question #2) has improved in recent years?		
	Count	Percent
Strongly agree	0	0
Agree	25	5.7
Neutral	163	37.2
Disagree	138	31.5
Strongly disagree	51	11.6
Don't know	40	9.1
Blank Responses	21	4.8
TOTAL	438	100

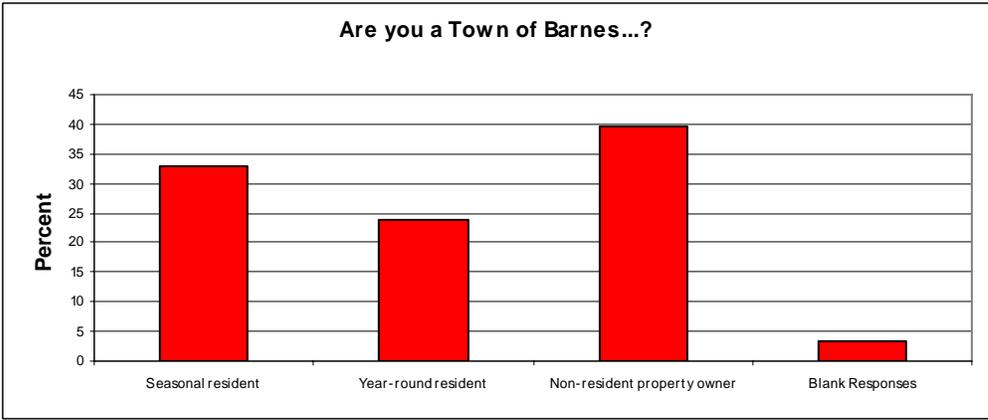


31. There should be a limit on the maximum horsepower and type of motor used to power boats.		
	Count	Percent
Strongly agree	108	24.7
Agree	86	19.6
Neutral	65	14.8
Disagree	73	16.7
Strongly disagree	73	16.7
Don't know	13	3
Blank Responses	20	4.6
TOTAL	438	100



32. Are you a Town of Barnes.....?

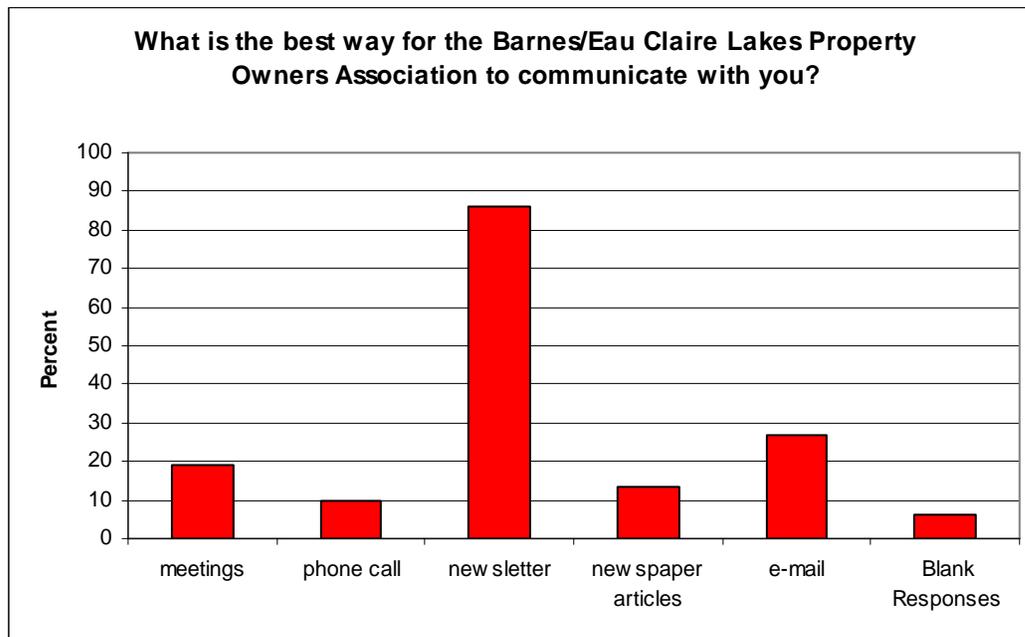
	Count	Percent
Seasonal resident	144	32.9
Year-round resident	105	24
Non-resident property owner	174	39.7
Blank Responses	15	3.4
TOTAL	438	100



33. Activities you are aware of that the Lake Association has been involved in.
(Check all that apply)

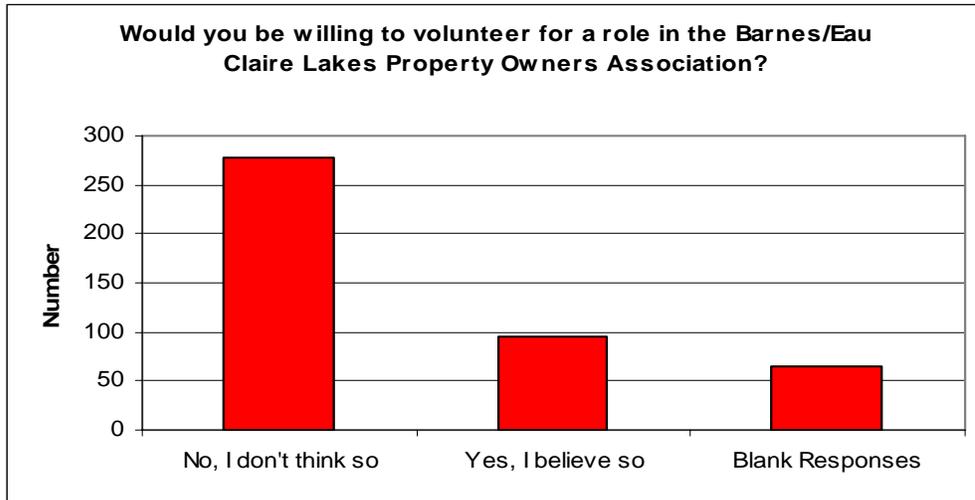
	Count	Percent
water quality testing	198	48.6
supported grant received	95	23.3
received grant to study EWM	135	33.2
not aware of activities	186	45.7
Blank Responses	31	7.6
TOTAL	407	100

34. What is the best way for the Barnes/Eau Claire Lakes Property Owners Association to communicate with you? (Check all that apply)		
	Count	Percent
meetings	78	18.9
phone call	40	9.7
newsletter	355	86
newspaper articles	55	13.3
e-mail	110	26.6
Blank Responses	25	6.1
TOTAL	413	100



35. Do you have special skills that could assist the Lake Property Owners Association?		
	Count	Percent
No, I don't think so	312	71.2
Yes, I believe so	66	15.1
Blank Responses	60	13.7
TOTAL	438	100

36. Would you be willing to volunteer for a role in the Barnes/Eau Claire Lakes Property Owners Association?		
	Count	Percent
No, I don't think so	278	63.5
Yes, I believe so	95	21.7
Blank Responses	65	14.8
TOTAL	438	100



37. Which category best describes your age?		
	Count	Percent
18-30	1	0.2
31-40	8	1.8
41-50	81	18.5
51-60	111	25.3
61-70	140	32
71 and older	90	20.5
Blank Responses	7	1.6
TOTAL	438	100

Which category best describes your age?

