

Lake Butte des Morts Shoreland Survey Frequencies

609 surveys were distributed, 425 were returned

69.8% return rate

Q1. Approximately how many years have you owned your lake property?

N=409

	Years
Mean	19.15
Range	1-100

Q2. Which two reasons best describe why you purchased your Lake Butte des Morts property?

N=420

	%
Beauty of the location	58.3
Proximity to water	21.0
Boating/watersport activities	8.6
Fishing and hunting potential	3.8
Investment potential	2.1
Retirement home	1.7
Local community quality	1.0
Other:	3.6

Q3. Do you consider your Lake Butte des Morts property to be your primary residence

N=420

	%
Yes	80.5
No	19.5

Q4. Which one best describes how often you are at your Lake Butte des Morts property?

N=420

	%
Year-round -- most days	78.3
Weekends--year round	4
Most of Summer Season	6.9
Weekends--summer	3.8
Weekends--occasional	2.4
Vacations/holidays	1.2
Other	3.3

Q5. Which of these involving Lake Butte des Morts do you regularly participate in?

	%	
	Yes	No
Fishing, open water (N=418)	63.6	36.4
Fishing, ice (N=418)	20.1	79.9
Kayaking, canoeing (N=418)	24.2	75.8
Swimming (N=417)	55.4	44.6
Jetskiing (N=419)	20.5	79.5
Pleasure boating (N=419)	71.4	28.6
Sailing (N=418)	6.9	93.1
Waterskiing (N=418)	28.5	71.5
Bird watching (N=418)	56.7	43.3

Q6. How much water frontage do you have?

N=417

	%
Less than 50 feet	6.2
50-100 feet	58.3
101-200 feet	24.5
Over 200 feet	11

Q7. How would you classify the height of the bank at the shoreline?

N=414

	%
High bank (greater than 10 feet)	8
Low bank (less than 10 feet)	92

Q8. Are any of these types of shore features part of your shoreline?

	%	
	Yes	No
Riprap (rock) (N=420)	81.2	18.8
Concrete seawall (N=420)	13.1	86.9
Wooden seawall (N=420)	16	84
Sheet piling seawall (N=420)	1.7	98.3
Beach (sand/gravel) (N=419)	13.1	86.9
Wetlands, marsh (N=420)	8.6	91.4

Q9. How much do you agree/disagree with these statements about lawns in general?

	%				
	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Don't Know
Eye-appealing lake property includes a well-maintained lawn to the shoreline (N=416)	48.1	33.4	10.3	7.2	1
My neighbors value a well maintained lawn (N=412)	53.6	35	5.8	1.9	3.6
A well maintained turf lawn increases property value (N=416)	53.8	33.7	6.7	2.4	3.4

Q10. How much do you agree/disagree with these statements about fertilizers?

	%				
	Stongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Don't Know
Fertilizing is important for a healthy lawn (N=415)	23.1	44.6	16.1	14	2.2
Using lawn fertilizer with phosphorus adds pollution to Lake Butte des Morts (N=409)	40.8	30.3	6.4	2.7	19.8
No- and low-phosphorus fertilizer is too expensive (N=406)	3.9	16.5	18.5	9.6	51.5
Fertilizer with phosphorus is better than no- and low-phosphorus fertilizer (N=406)	3.7	15.8	13.1	11.1	56.4
No- or low-phosphorus fertilizer is readily available (N=407)	5.9	13.5	13.5	1.2	65.8

Q11. Do you maintain a lawn anywhere on your property?

N=424

	%
No	1.4
Yes	98.6

Q11a. How much do you agree/disagree with the following statements about your lawn?

	%			
	Stongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
I value how my lawn looks (N=411)	62.5	31.9	3.9	1.7
I care about what my neighbors think of my lawn (N=403)	38.7	37	14.6	9.7

Q11b. How often do you hire a professional lawn care service for the following?

	%			
	Never	Sometimes	Often	Always
Lawn mowing (N=411)	83.2	4.4	1.7	10.7
Fertilizer application (N=412)	68	14.3	4.6	13.1
Weed control application (N=413)	65.9	16.2	4.4	13.6

Q11c. How often do you or your lawn care service apply the following each year?

	%					
	Never	1 time	2 times	3 times	4 or more times	Don't Know
Fertilizer with phosphorus (N=389)	44.5	12.9	12.3	7.5	3.6	19.3
No- or low-phosphorus fertilizer (N=376)	52.7	9.3	8	2.4	1.6	26.1
Weed killer (N=406)	28.1	31.3	23.4	7.9	3	6.4

Q11d. If you apply fertilizer would you be willing to switch to a low- or no-phosphorus type?

N=400

	%
I don't use any fertilizer	31.8
I already use a low- or no-phosphorus fertilizer	14
I would consider switching to a low- or no-phosphorus fertilizer	52
I would not consider switching to a low- or no-phosphorus fertilizer	2.3

Q11e. If you use weed control chemicals would you consider stopping or reducing their use?

N=401

	%
I don't use weed control chemicals	26.9
I would consider reducing the amount I use	40.9
I would consider stopping the use of weed control chemicals	11
I plan to continue to use as I always have	21.2

Q12. Do you ever burn yard waste or leaves on your Lake Butte des Morts property?

N=425

	%
No	30.1
Yes	69.9

If yes, how far from the water is the location where you burn most often?

N=296

	%
Less than 25 feet	47
More than 25 feet	53

Q13. Do you have a buffer along your waterfront? (check "no" if you have lawn all the way to the shore)

N=420

	%
No	64
Yes	36

Q13a. About how much of your total waterfront length has a buffer?

N=151

	%
All	39.7
Most	29.1
Some	18.5
Small Amount	12.6

Q13b. What is the average buffer width?

N=151

	%
Less than 5 feet	27.2
6-15 feet	45
16-25 feet	13.2
26-35 feet	4.6
36 feet or more	5.3
Don't know	4.6

Q13c. How important was each statement in your decision to install or maintain a buffer?

	%			
	Not Important	Somewhat Important	Important	Very Important
Improved appearance of property (N=137)	21.2	28.5	35	15.3
Increased privacy (N=131)	51.1	25.2	16.8	6.9
Good for water quality (N=132)	11.4	27.3	41.7	19.7
Reduced area to mow (N=133)	48.1	26.3	17.3	8.3
Enjoy gardening (N=132)	47	15.9	22	15.2
Financial benefit/cost share program (N=122)	80.3	10.7	6.6	2.5
Improved fish or wildlife habitat (N=132)	18.2	25.8	34.8	21.2
Other				

Q14. How much do you agree/disagree with these statements about buffers?

	%			
	Stongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
Buffers help protect water quality (N=364)	35.7	44.5	14	5.8
I know where to go for technical assistance (N=350)	13.1	33.1	31.4	22.3
Installing a buffer is too expensive (N=347)	12.4	34.3	40.9	12.4
Maintaining a buffer is too expensive (N=350)	10.3	27.7	45.7	16.3
Buffers may reduce property values (N=361)	18.6	33.8	31	16.6
Buffers are messy and look unkempt (N=364)	22	34.1	27.7	16.2
Buffers make lake access difficult (N=367)	23.7	37.9	26.4	12
Buffers obstruct lake views (N=369)	27.6	37.4	21.7	13.3

Q15. Would you say each of the following involving Lake Butte des Morts is "increasing", "decreasing", or staying "about the same"?

	%			
	Increasing	Decreasing	About the Same	Not Sure
Amount of algae (N=415)	33	25.5	33.5	8
Water clarity (N=414)	51.9	20	22.5	5.6
Amount of aquatic plants (N=414)	44.9	14.3	26.1	14.7
Quality of fishing (N=416)	14.9	23.8	33.9	27.4
Shoreline erosion on you lot (N=413)	9	13.3	71.7	6.1

Q16. At what level do you think each of these contribute to pollution of Lake Butte des Morts?

	%				
	Not At All	Low	Moderate	High	Very High
Pet waste (N=393)	22.9	53.4	13.7	5.9	4.1
Disposal of used motor oil & antifreeze (N=390)	22.3	42.6	10.8	7.4	16.9
Lawn or urban fertilizers (N=389)	2.6	22.6	37	20.6	17.2
Lawn or urban pesticides (N=389)	2.8	27.2	32.9	20.8	16.2
Manure from farm animals (N=394)	3.8	17.3	27.9	27.9	23.1
Storm water runoff from streets (N=394)	5.1	18	34.5	26.9	15.5
Storm water runoff from rooftops, parking lots, & driveways (N=394)	6.1	28.9	35.3	19.5	10.2
Grass clippings and leaves (N=398)	13.6	48	29.4	5.8	3.3
Soil from construction sites (N=391)	8.7	44	30.9	9	7.4
Street salt and sand (N=393)	6.9	27.5	38.2	16.8	10.7
Discharges from industry (N=390)	10.3	29.2	25.4	16.9	18.2
Agricultural fertilizers and pesticides (N=394)	3.6	12.7	27.7	28.2	27.9
Soil from farm fields (N=393)	3.6	22.4	36.6	21.1	16.3
Improper disposal of household hazardous waste (N=392)	10.5	46.2	19.4	10.5	13.5

Q17. Are you now doing any of the following practices? If the practice does not apply to your situation please mark that response.

	%		
	Yes	No	Does Not Apply
Recycle oil that you change yourself (N=414)	36.2	4.3	59.4
Take household hazardous waste (e.g. lead-based paint & household cleaners) to a community drop-off site (N=417)	73.4	5.3	21.3
Conduct soil tests to determine lawn fertilizer application rates (N=414)	10.4	56.5	33.1
Melt ice on driveway or sidewalk using minimal amount of salt (N=415)	48.2	20.7	31.1
Create a compost pile for grass clippings and leaves in your yard (N=415)	29.4	51.6	19
Drop off grass clippings and leaves at a community composting site (N=413)	19.4	51.3	29.3
Use a mulching lawnmower (N=410)	77.8	17.6	4.6
Re-direct rain downspouts to your lawn rather than your driveway (N=412)	75.7	9	15.3
Keep your sidewalks and driveway clear of grass clippings and leaves (N=413)	89.1	3.6	7.3
Keep your street gutters clear of grass clippings and leaves (N=410)	51.5	1.7	46.8
Wash your car on your lawn instead of on your driveway (N=416)	11.1	37.7	51.2
Clean up and dispose of pet waste (outdoor waste) (N=411)	47	4.6	48.4
Create a rain garden to infiltrate roof runoff (N=411)	8.5	61.4	30.2
Use rain barrels to capture roof runoff (N=414)	5.3	75.1	19.6

Q18. Would you be willing to adopt any practices that you checked "no" to in the above table knowing that this may help reduce pollution of Lake Butte des Morts?

N=377

	%
Yes	69.5
No	30.5

Q19. How important are the following reasons when you make decisions about landscaping and yard care changes?

	%			
	Not Important	Somewhat Important	Important	Very Important
Improved appearance (N=415)	2.9	19.5	41.4	36.1
Neighbors' attitudes/views (N=413)	21.1	40	27.1	11.9
Effects on property values (N=412)	7.3	19.2	39.6	34
Effects on lake views from home (N=413)	5.1	16.2	39	39.7
Effects on water quality of Lake Butte des Morts (N=413)	3.1	16.7	45.3	34.9
Desire for gardening (N=409)	34	27.1	24.9	13.9
Effects on local fish and wildlife (N=414)	4.1	17.1	38.4	40.3

Q20. How involved are you in making decisions affecting your lake property?

N=421

	%
Uninvolved	9.3
Somewhat involved	16.9
Very involved	73.9

Q21. What is your gender?

N=409

	%
Male	73.6
Female	26.4

Q22. What is your age as of today?

N=395

	Years
Mean	58.7
Range	29-91

Q23. What was your approximate gross (before taxes) 2006 household income?

N=348

	%
Less than \$25,000	6.3
\$25,001-\$50,000	18.1
\$50,001-\$75,000	21
\$75,001-\$100,000	14.7
More than \$100,000	39.9

Q24. What is the approximate market value of your property (house and lot)?

N=393

	%
Less than \$70,000	1.3
\$70,001 - \$130,000	6.9
\$130,001 - \$190,000	13.2
\$190,001 - \$250,000	17.6
\$250,001 - \$500,000	42.5
More than \$500,000	18.6