

2018 Bone Lake Property Owner Survey
Surveys mailed: 553; Surveys returned: 262
Response rate: 47%

1. Which of the following best describes how you use your property? Check one. (n=262, 100%)

Year-round residence: 55, 21%

Year-round residence, but leave for all or most of the winter: 21, 8%

Year-round usage – weekend, vacation and/or holiday: 80, 31%

Seasonal usage – continued occupancy for months at a time: 19, 7%

Seasonal usage – weekend, vacation, and/or holiday: 84, 32%

Other, please specify: 3, 1%

Part owner

Rent it out

No cabin

2. How many years have you owned property on Bone Lake? (n=261, 100%)

Average: 23 years

3. What is your overall satisfaction level with owning property on Bone Lake? Check one. (n=258, 98%)

Highly satisfied: 185, 72%

Somewhat satisfied: 63, 24%

Somewhat dissatisfied: 9, 3%

Very dissatisfied: 1, 0%

4. What is your degree of concern associated with each issue listed below? If you believe the issue doesn't exist check the first column; if you believe the issue exists but is not a concern check the second column; and if the issue concerns you please rank your concern as low, medium, or high.

| | Issue doesn't exist | Exists, but not a concern | Low concern | Medium concern | High concern |
|---|---------------------------|---------------------------------|----------------|-------------------|-----------------|
| Lack of water clarity in late summer (n=251, 96%) | 20, 8% | 36, 14% | 59, 24% | 75, 30% | 61, 24% |
| Excessive aquatic plant growth (n=248, 95%) | 7, 3% | 31, 13% | 46, 19% | 84, 34% | 80, 32% |
| New invasive species entering the lake (Eurasian water milfoil, zebra mussels) (n=248, 95%) | 10, 4% | 8, 3% | 19, 8% | 52, 21% | 159, 64% |
| Unsafe boat or personal watercraft safety (n=253, 97%) | 20, 8% | 21, 8% | 64, 25% | 76, 30% | 72, 28% |
| Bright shoreline lighting (n=248, 95%) | 58, 23% | 58, 23% | 87, 35% | 25, 10% | 20, 8% |
| Noise level on the lake (n=255, 97%) | 20, 8% | 56, 22% | 81, 32% | 56, 22% | 42, 16% |
| Other, please describe (n=37, 14%) | | | | | |

| | |
|--|--|
| <i>Alcohol abuse</i> | <i>Geese (3)</i> |
| <i>Bad septic</i> | <i>No 3rd access</i> |
| <i>Barking dogs at sunshine kennels</i> | <i>Overcrowding, big new homes</i> |
| <i>Loud music</i> | <i>Using docking lights for headlights</i> |
| <i>Wake boat noise</i> | <i>Boat courtesy</i> |
| <i>Stereo noise</i> | <i>Provide power washer to clean boats</i> |
| <i>Firework noise</i> | <i>Wake boats effects on shoreline</i> |
| <i>Random fireworks</i> | <i>Waves from ski boats</i> |
| <i>Common courtesy</i> | <i>Wakeboard waves on shoreline,</i> |
| <i>Excessive weeds in North bay, dredge lagoon</i> | <i>pesticides</i> |
| <i>Muck on north end</i> | <i>Wake boats</i> |
| <i>Lagoon on north filling with muck</i> | <i>PWC at dusk</i> |
| <i>North lagoon filling in</i> | <i>PWC staying 100' from dock</i> |
| <i>Fishing contests early am</i> | <i>Rules about watercrafts</i> |
| <i>Lures casted on boats</i> | <i>Safety</i> |
| <i>Native spearing</i> | <i>Swimmers itch</i> |
| | <i>Taxes (4)</i> |

5. In your opinion, have the following characteristics of Bone Lake improved, remained the same, or worsened since you've owned your lake property?

| | Improved | Remained the same | Worsened | Unsure |
|--|----------|-------------------|----------|----------|
| Aquatic plant growth (n=225, 86%) | 38, 17% | 97, 43% | 68, 30% | 22, 10% |
| Quality of pan fishing (bluegill, crappie, perch) (n=243, 93) | 6, 2% | 80, 33% | 85, 35% | 72, 30% |
| Quality of muskie fishing (n=246, 94%) | 6, 2% | 45, 18% | 67, 27% | 128, 52% |
| Quality of bass fishing (n=247, 94%) | 42, 17% | 67, 27% | 28, 11% | 110, 45% |
| Water clarity (n=240, 92%) | 69, 29% | 106, 44% | 50, 21% | 15, 6% |
| Quality of motorized boating (other than fishing) (n=251, 96%) | 10, 4% | 124, 49% | 91, 36% | 26, 10% |
| Quality of non-motorized boating (canoe, kayak, sailing) (n=245, 94%) | 41, 17% | 137, 56% | 17, 7% | 50, 20% |
| Diversity of wildlife (different types) (n=248, 95%) | 47, 19% | 146, 59% | 12, 5% | 43, 17% |

6. Below is a list of landscaping practices designed to reduce nutrient runoff from your property. For each practice please indicate if you are unfamiliar with the practice, are familiar

with the practice but have not installed it, have already installed the practice, or are planning to install the practice.

| | Unfamiliar with the practice | Familiar but not installed | Already installed | Planning to install |
|--|------------------------------|----------------------------|-------------------|---------------------|
| Rain garden (n=198, 76%) | 23, 12% | 146, 74% | 24, 12% | 5, 3% |
| 10x35 feet shoreline planting offered by the Bone Lake District (n=229, 87%) | 21, 9% | 170, 74% | 33, 14% | 5, 2% |
| Shoreline native plantings larger than 10x35 feet (n=233, 89%) | 30, 13% | 151, 65% | 49, 21% | 3, 1% |
| Infiltration pits or trenches (n=228, 87%) | 73, 32% | 127, 56% | 25, 11% | 3, 1% |
| Water diversions (n=221, 84%) | 61, 28% | 113, 51% | 46, 21% | 1, 0% |
| Not fertilizing or using zero phosphorus fertilizer (n=237, 90%) | 12, 5% | 37, 16% | 184, 78% | 4, 2% |
| Other, please list (n=6, 3%) | | | | |

Uncut berm

No lakeshore

Leave shoreline natural

Rock wall

Backlot (2)

7. Are you aware that Bone Lake has free, no obligation site visits with our consultant to help you identify practices on your property which would reduce runoff from your property and help improve Bone Lake's water clarity? (n=253, 97%)

Yes: 212, 84%

No: 41, 16%

8. From the list below, please indicate any reasons preventing you from installing practices to reduce waterfront runoff on your property. Check all that apply. (n=225, 86%)

My property is level at the lake and has no waterfront runoff: 111, 49%

Cost prohibitive: 23, 10%

Not enough space on my lot: 21, 9%

Unsure how to install a practice: 19, 8%

I don't believe the practices will help to improve water clarity: 9, 4%

Takes too much time to install a practice: 9, 4%

My neighbors may not like it: 5, 2%

I don't want to install a practice, please describe why: 17, 8%

Don't like the look

Obstructs view

Not developing property

Looks ugly

Limited shoreline

property

What will it look like?

Mosquito breeding

Plan on selling

Don't see benefit

Mosquitoes and

Unable to use beach

Large lot

snakes

Will do later

Like as is

Not a problem

Other, please describe: 76, 34%

Already installed (19)

Have buffer of native plantings (3)

Have berm (4)

Heavy vegetation

14' berm installed

| | |
|---|---|
| <i>Natural shoreline</i> | <i>Rest Point condo/all must agree</i> |
| <i>Have plantings</i> | <i>In an association</i> |
| <i>Natural vegetation at shoreline</i> | <i>Shared lakefront (3)</i> |
| <i>10' natural barrier</i> | <i>Shorefront is common area</i> |
| <i>Vegetation at waterline</i> | <i>Part owner</i> |
| <i>Wetland</i> | <i>Multiple owners</i> |
| <i>Wooded, use no chemicals</i> | <i>Doing more</i> |
| <i>Have rock wall</i> | <i>Farm runoff</i> |
| <i>Have runoff reducers</i> | <i>Ice heaves hold back runoff</i> |
| <i>No lake front (7)</i> | <i>Making plans</i> |
| <i>Backlot (5)</i> | <i>New to lake, need to learn</i> |
| <i>I'm behind neighbors</i> | <i>Minimal use</i> |
| <i>Not on lakefront</i> | <i>No runoff (2)</i> |
| <i>Built detention ponds</i> | <i>None</i> |
| <i>Children</i> | <i>Not necessary (2)</i> |
| <i>Condo association</i> | <i>Not there often enough to water planted plants</i> |
| <i>Point Condo Association voted against it</i> | <i>Too old</i> |

9. Which, if any, of the following would help motivate/convince you to install a practice to reduce waterfront runoff on your property? Check all that apply. (n=205, 78%)

Improving the water quality of Bone Lake: 75, 37%

None of the above would help motivate/convince me to install a practice: 67, 33%

Financial assistance that pays a portion of the cost of installation: 42, 20%

Providing better habitat for birds and wildlife: 39, 19%

No-cost technical assistance that would identify appropriate practices to install: 36, 18%

Increasing the natural beauty of your property: 36, 18%

Setting an example for other lake residents: 22, 11%

More how-to information about landscaping practices for water quality: 18, 9%

Training to learn how to install a practice: 13, 6%

Less time spent mowing the lawn: 13, 6%

Other, please describe: 35, 17%

| | |
|--|----------------------------------|
| <i>Already installed (5)</i> | <i>Shorefront is common area</i> |
| <i>Barrier installed</i> | <i>Wait until kids grown</i> |
| <i>Already installed rain garden, rock</i> | <i>In future</i> |
| <i>Natural shoreline</i> | <i>Level</i> |
| <i>Done all we can</i> | <i>No runoff</i> |
| <i>Back from lake</i> | <i>Neighbors fertilize</i> |
| <i>Back lot (3)</i> | <i>No time to execute</i> |
| <i>No lakefront (2)</i> | <i>Not developing property</i> |
| <i>Maintenance</i> | <i>Not necessary</i> |
| <i>Can't find contractors</i> | <i>Tax incentives</i> |
| <i>Condo association</i> | <i>Too old</i> |
| <i>Other owners don't care</i> | <i>n/a (2)</i> |
| <i>Shared lakefront</i> | <i>Unsure</i> |

Wetland

10. Please tell us if the following activities should be continued by the Bone Lake Management District to improve Bone Lake.

| | Yes | No | Unsure |
|--|-------------|---------|---------|
| Continue to treat curly leaf pondweed (n=227, 87%) | 200, | 4, 2% | 23, 10% |
| Programs such as boat inspections and lake monitoring to help deter new aquatic invasive (n=247, 94%) | 234, 95% | 4, 2% | 9, 4% |
| Programs to encourage rain gardens and waterfront plantings to reduce waterfront runoff from (n=249, 95%) | 207, 83% | 7, 3% | 35, 14% |
| Programs to promote stream bank stabilization to reduce runoff from the watershed (n=243, 93%) | 188, 77% | 5, 2% | 50, 21% |
| Improve south boat landing (n=239, 91%) | 130, 54% | 45, 19% | 64, 27% |
| Improve north boat landing (n=240, 92%) | 133, 55% | 49, 20% | 58, 24% |
| Incentives to upgrade non-conforming septic systems (n=245, 94%) | 221, 90% | 7, 3% | 17, 7% |
| Other, please specify (n=23, 9%) | | | |

*Alum may eliminate need
Better watershed management
Boat safety, noise
Cattle near lakeshore
Encourage farmer to reduce runoff too
Close the landings
New dock and concrete pad
Neglected north end, misappropriation of funds
Cost and effectiveness
Cost/benefit/transparency
Dam: reduce outgoing water
Encourage boat safety class*

*Encourage no pesticides
High taxes
More panfish
Neighbors leaking septic tanks
Ordinance to not mow within 3 ft.
Outlaw wake boats
Reduce lighting
Remove dog poop
Send notices to owners with no buffer
Treat north end
Water level, weeds on north end, weed control plan status?*

11. Please tell us if the District should consider implementing the following activities for Bone Lake.

| | Yes | No | Unsure |
|--|----------|---------|---------|
| Increase acres of curly leaf pondweed treated with herbicide (n=246, 94%) | 138, 56% | 21, 9% | 87, 35% |
| Increase education regarding boating regulations (n=245, 94%) | 173, 71% | 42, 17% | 30, 12% |

| | | | |
|--|----------|---------|---------|
| Increase enforcement of boating regulations (n=244, 93%) | 147, 60% | 66, 27% | 31, 13% |
| Increase education to boat owners regarding loud music (n=244, 93%) | 167, 68% | 50, 20% | 27, 11% |
| Additional ways to improve water clarity, particularly in late summer (n=233, 89%) | 182, 78% | 17, 7% | 34, 15% |

12. How do you prefer to receive information from the Bone Lake Management District? (n=255, 97%)

Newsletter: 200, 78%

Email: 105, 41%

Web site (bonelakewi.com): 69, 27%

Bone Lakers Facebook page: 67, 26%

Annual Meeting: 59, 23%

eNews: 22, 9%

Prefer not to receive information: 1, 0%

Other (please specify): 1, 0% *Tell Duane Butler to inform people*

13. In the past three years, have the Bone Lake annual meetings met your needs? (n=249, 95%)

The meetings **have not** meet my needs: 12, 5%

The meetings **have met** my needs: 94, 38%

The meetings **have exceeded** my needs: 5, 2%

I have not attended any annual meetings over the past three years: 138, 55%

Please use the space below to provide suggestions for future meetings (n=31, 12%)

Scheduling conflicts (2)

Start later in the day

Too long

Work on Sat

Live out of state

Not around

Advance notice

Better advertising

Voting same issues

All talk/no action

Biased members

No pet projects

Board has own agenda

Self-serving board

Board members don't listen

Board treated supervisor poorly

More volunteers

Appreciate volunteers

Absentee ballot

Information in advance, better facilitated

Door prizes, more social

Informative

New location

Not at Wilkins

No help for the north end

Head count on geese

Abolish spearing- too many geese

Deep wake boat concern

Noise, safety

*Status of sandy hook access-destroy
artesian well??*

14. The following question relates to Bone Lake's Canada goose population. For each statement, please answer yes, no, or unsure/no opinion.

| | Yes | No | Unsure/No Opinion |
|---|------|--------|-------------------|
| I am annoyed by Canada geese visiting my Bone Lake property | 128, | 91, 36 | 31, 12% |

| | | | |
|---|----------|----------|---------|
| (n=250, 95%) | 51% | % | |
| There are too many Canada geese nesting and raising young around Bone Lake lakeshore properties (n=249, 95%) | 107, 43% | 48, 19 % | 94, 38% |
| The District should take measures to reduce and/or control the number of Canada geese around Bone Lake (n=254, 97%) | 135, 53% | 47, 19% | 72, 28% |
| I am aware that the District surveyed the Bone Lake Canada goose population in June 2018 (report is available online at bonelakewi.com) (n=246, 94%) | 118, 48% | 96, 39 % | 32, 13% |

15. Geese prefer lawn over tall/native shoreline vegetation because tall vegetation impedes flight and their view of predators. Knowing geese prefer lawn at the shoreline, would you convert your lawn to tall/native vegetation along the shoreline to repel geese? (n=238, 91%)

Yes: 13, 5%

No: 82, 34%

My shoreline is already tall/native shoreline vegetation: 91, 38%

Unsure: 52, 22%

16. Are you familiar with alum treatments being completed on other lakes? (n=253, 97%)

Yes: 111, 44%

No: 142, 56%

17. What are your general thoughts regarding alum? (n=249, 95%)

Favorable: 83, 33%

Unfavorable: 32, 13%

Undecided: 67, 27%

I am not familiar with alum treatments: 67, 27%

18. Do you agree with the formation of the Bone Lake alum committee? (n=230, 88%)

Yes: 197, 86%

No: 33, 14%

Thank you for your time and answers! If you have any additional comments you would like to make, please use the back page.

Already volunteer

Alum treatment are too expensive

High cost of Alum

Inform residents of side effects of alum

Controlling waterfront runoff is a positive step to promote water clarity, alum treatment makes the most sense

Downside of using Alum, geese population will get worse, gathering of pontoons in shallow water a

concern

Cost of Alum, pass the hat for fireworks

Appreciate volunteers

Committee is slow and no results

Concern about water itch

Concerned about north lagoon filling in, survey on dredging

Cost concerns

Deep wake boat concerns and loud music

Wake boats an issue

Diverse selection of people

Excellent survey

Great volunteers

No additional landing (Sandy Hook), expand parking lot on south landing

No spearing, too many geese, just get along, boat checks, bathroom at sandbar

Plan to be more involved

Planning to sell, too expensive

Stop runoff from farms