

Bone Lake Management District Alum Survey Report

October 2020

By Shelley Rose, Alum Committee Volunteer

Executive Summary

The Bone Lake Management District conducted a survey of its property owners to determine the level of support for paying to treat Bone Lake with alum and to provide guidance on whether the District should schedule a vote to fund alum treatments with a special assessment at the 2021 Annual BLMD Meeting. The survey also included several questions to determine preferences for its annual meeting.

Surveys were mailed on September 3, 2020, to 548 registered property owners within the Bone Lake Management District (BLMD). Responses were limited to one response per property, validated by a unique code for each responder. Responses could be submitted either online or returned by U.S. mail. The survey closed on September 25, 2020.

Two hundred twenty-six (226) surveys were returned, 130 were completed online and 96 returned by mail, for a response rate of just over 41%. There were 16 surveys returned as undeliverable. Owners that did not receive a survey should be encouraged to verify their mailing address with the Polk County Treasurer.

The majority of respondents indicated they had enough information about alum to make an informed decision. The mailed newsletter is the primary source of information for respondents. Over 80% felt they had enough information to make an informed vote on treating Bone Lake with Alum.

The vast majority of respondents were lakefront property owners. Only 5 of the 226 respondents did not have deeded access. Just over 68% of respondents leaned toward not treating Bone Lake with alum. This lined up with 73% of respondents opposed or strongly opposed to a ten-year alum treatment plan with a \$130 per \$100K ten-year special assessment.

The question of bringing the alum treatment plan to a vote at the 2021 Annual Meeting was much closer with 39% in favor of a vote and about 49% against taking a vote. Twelve percent were unsure about bringing alum forward for a vote. Respondents may not fully appreciate voting rules and logistics.

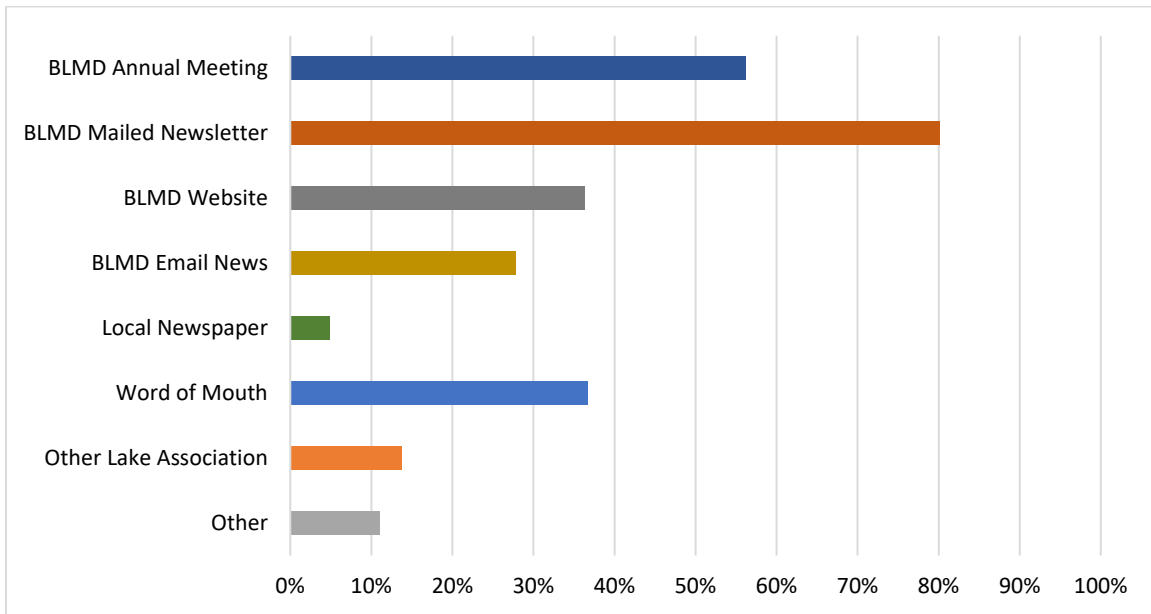
Approximately 45% of respondents attended the 2020 Bone Lake Management District's Annual Meeting either in person, via Zoom, or both. About 29% of respondents rarely or never attend the BLMD Annual Meeting. Nearly half of the respondents prefer Wilkins Bar and Resort for the meeting location. Nearly 66% of respondents felt the District should offer a hybrid Annual Meeting for 2021, in person and online via Zoom, while nearly 26% were unsure or had no opinion.

This balance of this report provides survey results, question-by-question. Actual survey questions are provided in Appendix A.

Survey Section 1: Feedback on Alum Communications and Information

Where has respondent seen information regarding alum? (226 responses)

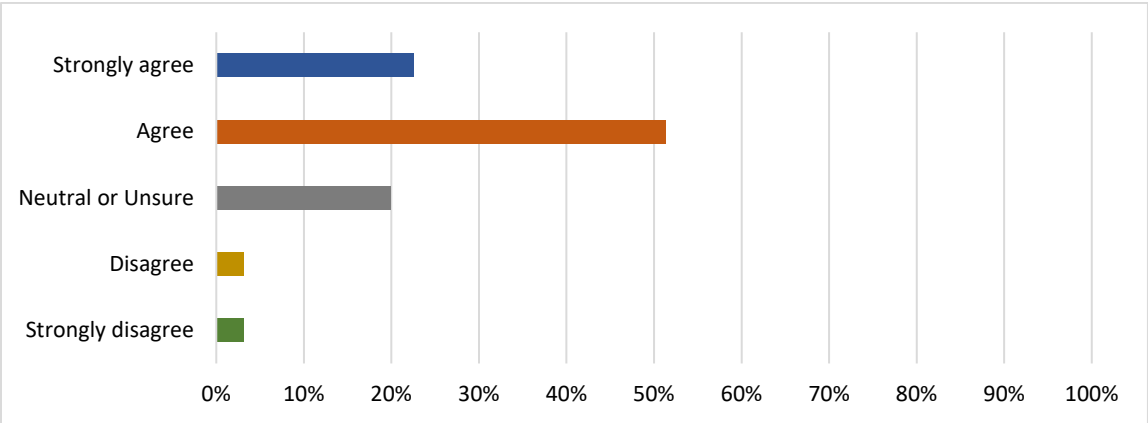
Respondents selected all of the places they recalled seeing information about alum. 80% of respondents saw alum information in the District’s mailed newsletter.



Communication Method	%	#
BLMD Annual Meeting	56.19%	127
BLMD Mailed Newsletter	80.09%	181
BLMD Website	36.28%	82
BLMD Email News	27.88%	63
Local Newspaper	4.87%	11
Word of Mouth	36.73%	83
Other Lake Association	13.72%	31
Other	11.06%	25

The information from BLMD helped support the respondent’s decision-making process regarding alum treatments. (226 respondents)

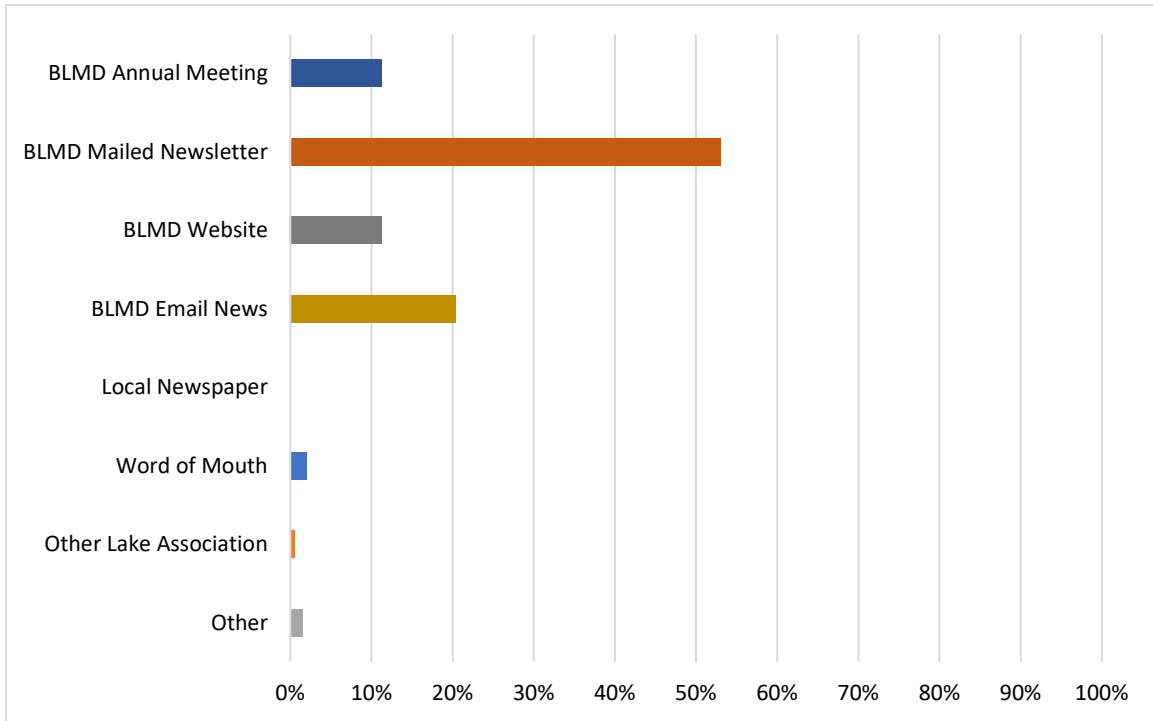
Over 73% of respondents either agreed or strongly agreed that the information from the District helped support their decision-making process regarding alum treatment.



	%	#
Strongly Agree	22.57%	51
Agree	51.33%	116
Neutral or Unsure	19.91%	45
Disagree	3.10%	7
Strongly Disagree	3.10%	7

What is the most effective method of communicating information on topics like alum treatments? (196 respondents)

The most effective method of communication for just over half of the respondents was the mailed newsletter.

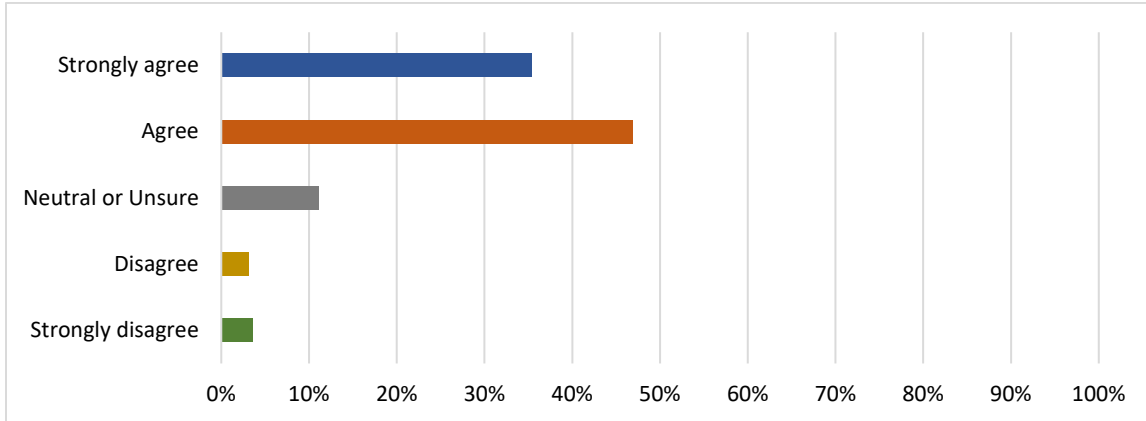


Communication Method	%	#
BLMD Annual Meeting	11.22%	22
BLMD Mailed Newsletter	53.06%	104
BLMD Website	11.22%	22
BLMD Email News	20.41%	40
Local Newspaper	0.00%	0
Word of Mouth	2.04%	4
Other Lake Association	0.51%	1
Other	1.53%	3

Editor’s Note: There were 30 paper responses that listed more than one communication method as being most effective. These responses were eliminated from the analysis as there was no way to determine which was their choice for most effective.

The respondent could make an informed vote on the alum treatment plan for Bone Lake based on available information. (226 respondents)

About 82% of respondents either agreed or strongly agreed that they could make an informed vote on the alum treatment plan for Bone Lake based on available information.



	%	#
Strongly Agree	35.40%	80
Agree	46.90%	106
Neutral or Unsure	11.06%	25
Disagree	3.10%	7
Strongly Disagree	3.54%	8

Comments from respondents on what additional information, if any, was needed to make an informed decision.

The following comments were provided by respondents. With the exception of removing people’s names, these comments are unedited for content and have not been checked for factuality.

- How has it worked elsewhere? If it cleans up the water, won't that allow more weeds?
- Payment plan, what would campsites pay, land trust with excess of 400', backlots with no access. Balsam all paid the same.
- I do not live on the lake. I live on GG and I can't see the lake.
- Need to find different ways to fund
- What long term affect is on lake where used.
- No information on how many years can be expected after final treatment will lake water quality be maintained.
- Being able to hear both sides of the argument.

- Are other, less expensive options available? Are there other ways better water clarity and specifically weed reduction could be achieved? What about cutting weeds and removing them annually as part of a management plan. 40-50 years ago in the fall green scum would appear on the lake in early/late August. It seems as though the BLMD has been successful in getting the property owners to pay attention to water quality by reducing run-off and other mitigations. I am not convinced the alum process is necessary at this time.
- Need a 3- to 5-year plan on the alum treatment. What is the desired outcome from the treatment?
- Mailing on 9/3/20 [where I have seen info on alum] If I sell my lake property in the next 2-3 years, will the new owners take on the remaining payments or will I need to make a lump sum payment for the remaining years.
- Many homeowners have clear cut the [??] their homes and they maintain it like a city lot. The runoff of chemicals and clear cutting is the issue.
- mailing with this the only issue
- At this time, I don't think we need to do this
- How about a second opinion from a neutral party. The BLMD is determined to shove this down our throat.
- More info on the lakes that tried alum treatment and failed. More info on the negative impact of alum on lakes.
- Why base cost on property value and not feet of shoreline?
- Taxes on lake already out of control. Should be in line more with my property's then additional tax would be reasonable.
- How will it be paid for.
- I have not seen any information. That should have been an option at the beginning of this survey.
- Additional information on how often the lake would need to be re treated with alum in order to retain potential effects seen after the first treatment.
- How does it help Bone Lake? Why is it so costly? Did we receive any feedback from Balsam Lake regarding their treatment? Why do we need it? What are the affects if we do not do this? Most of the information we need to make a decision, has not been available.
- How will home values be calculated if moving ahead with this treatment?
- Research on how strong the pull is from larger boat motors such as the ballast motors on wake boats - what impact could this have on the success of the alum treatment? Our water quality seemed really good this year - should we wait until water quality is poorer? What is the advantage of starting the treatments before water quality is very poor?
- Details on impact to fish species and other wildlife. could only find this information: ". Elevated levels of aluminum can affect some species ability to regulate ions, like salts, and inhibit respiratory functions"
- I am currently up to date and informed but I think overall that people need to understand in real terms how the treatment works and how it is funded with scenarios that make sense to them. Show visually the financial impact and also show some scenarios for property values, etc.
- Committee was never clear on what if any natural/DNR benefits alum brings to the lake (e.g. fish, eagles, otters), other than water quality (which seems more a cosmetic issue by reducing algae).

- Length of time the treatment is effective for, Cost per homeowner
- I have concerns on the method determined for property owner payment of Alum treatment. This should not be determined by property value, but by individual property owner impact. Either divide equally by each registered property owner on the lake with frontage or by length of frontage of the lake shore itself. Property value has no bearing on impact to the lake and charging owners in this manner is just another grab at those that have invested in a physical structure on the property and now pay higher property taxes. I raised this question at the Annual Bone Lake Management meeting with support from others, but was quickly dismissed [name removed]. This is a sizable and long-term financial commitment for all property owners on the lake and full disclosure of a fair and equitable process must be discussed. This is not a rushed process and should not be with something of this size and scope. It is worthy of a deeper discussion with others and not just an easy path of pulling up records of property owner value.
- Do not recall a formal statement as to ultimate success estimates if moved forward, information has seemed ambiguous on that
- Comprehensive list of all other ways to deal with this problem. Discussion of cost vs. value.
- updated cost and per property owner payments over time.
- Alternatives to funding
- Presentation from other lake associations. More information on fishery impacts. Information on why our lake typology is a good candidate (I think this has been undervalued)
- How the method of assessing property owners was created.
- We have had three pretty good years in row with late season water quality. Will that trend continue without Alum treatments?
- I've heard pro and con arguments and am unsure whether spending this very large sum of money is "worth it". Give me something to make the case.
- Are there any negative long term, or short-term issues?
- What impact does the accumulation of alum have on the lake? Cost / benefit of ongoing treatments? Lake clarity seems to be improving without this treatment.
- What happens to the dead algae bloom and decaying plants. The reed beds are full of decaying plants and algae
- Studies that show the effectiveness of alum to reduce phosphorus and subsequently green algae.
- Off topic, but we should be allowed to vote on issues if we cannot make the meeting.
- No further information. I strongly disprove of alum treatment.
- From the outside looking in, it appears some of the original Alum committee and Bone Lake board members continue to push this agenda. First of all, Bone Lake is NOT severely impaired from a water quality standpoint. The Lake will always turn-over each fall like it has for 1,000's of years. Treating a lake with Alum is a "forever" commitment (after the initial treatments are complete, maintenance treatments are required or the lake will return to its pre-Alum condition). Most importantly, there are many reports out there stating Alum has impacted the fishery. I can assure you, if this Agenda continues, it will be met with a strong majority response. This is an absolute disgrace that the Bone Lake Commissioners are even talking about Alum when it was already voted down by an independently formed committee of home owners. This is a waste of tax payers money, BTW - what are your plans for the 300k in cash you have on your balance sheet - please share. I've never seen a non-profit carry that much of a cash

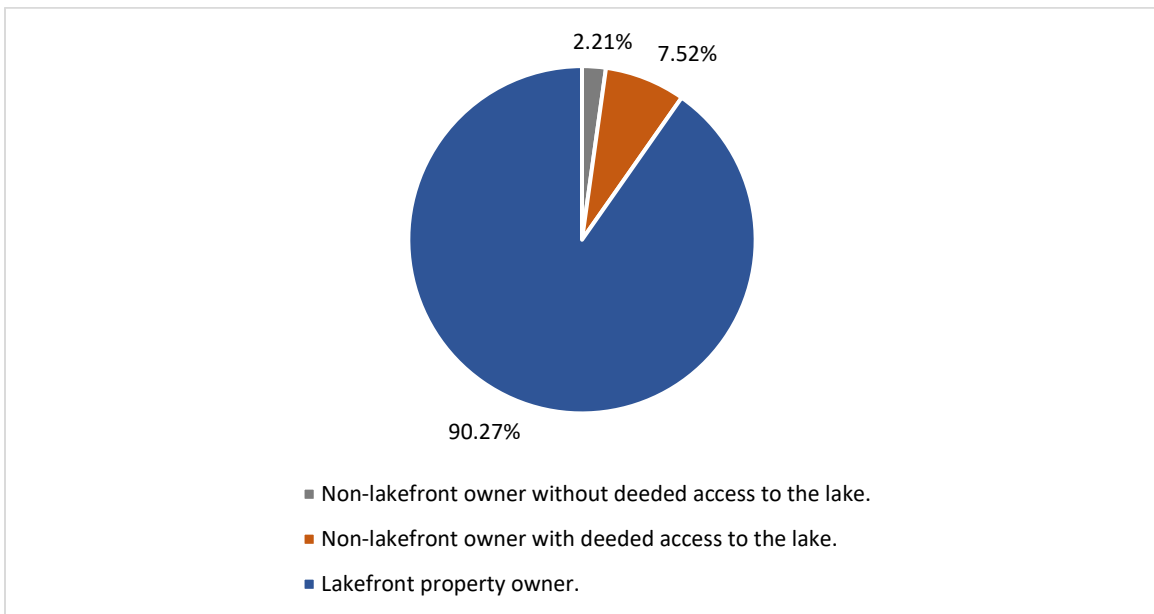
balance. This money should be going to work for the residents of Bone Lake or you shouldn't be taxing us as much - one or the other! A very concerned resident of Bone Lake, [name removed]

- Are we treating the whole lake? Are we doing everything possible to keep phosphorus out of the lake
- 1.) Why do we need to commit to a 10 yr plan? Why can't we test alum treatment for a shorter period of time? 2.) Did you consider a flat tax per property rather than basing the assessment on the property value? Why are you only offering a proposed assessment based on property value? 3.) If alum treatment must continue indefinitely, how did you arrive at a 10-yr initial period? 4.) What will be the process to collect and distribute information of the impact of alum treatments? 5.) When would property owners vote again to continue alum treatments beyond the 10-yr period?
- Proof that it works 100% for that amount of money.

Survey Section 2: Feedback on Treating Bone Lake with Alum

What type lake access best describes your property? (226 respondents)

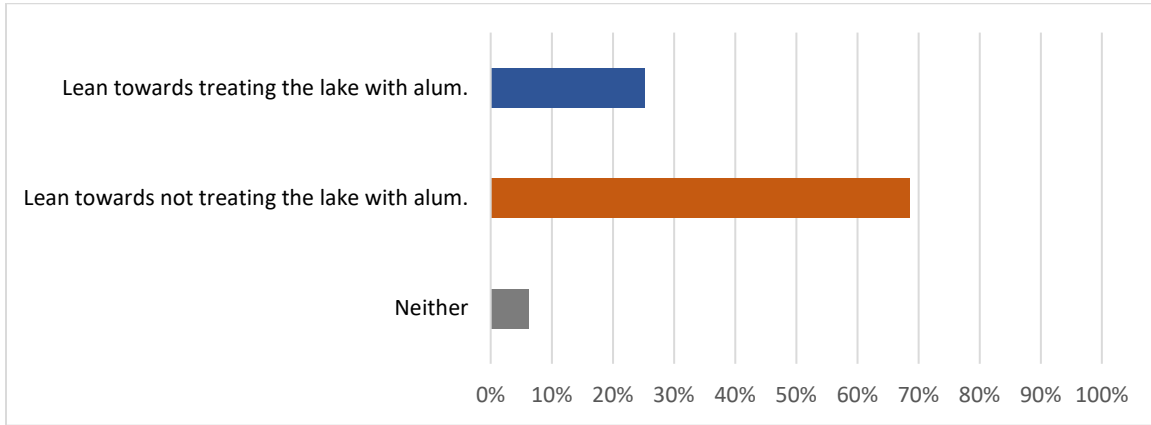
Over 97% of respondents were lakefront property owners or had deeded access to Bone Lake.



	%	#
Lakefront property owner	90.27%	204
Non-lakefront owner with deeded access to the lake	7.52%	17
Non-lakefront owner without deeded access to the lake	2.21%	5

How do respondents lean regarding treating the lake with alum? (226 respondents)

About 25% of respondents lean towards treating Bone Lake with alum while 68% of respondents lean towards not treating Bone Lake with alum.



	%	#
Lean towards treating the lake with alum.	25.22%	57
Lean towards not treating the lake with alum	68.58%	155
Neither	6.19%	14

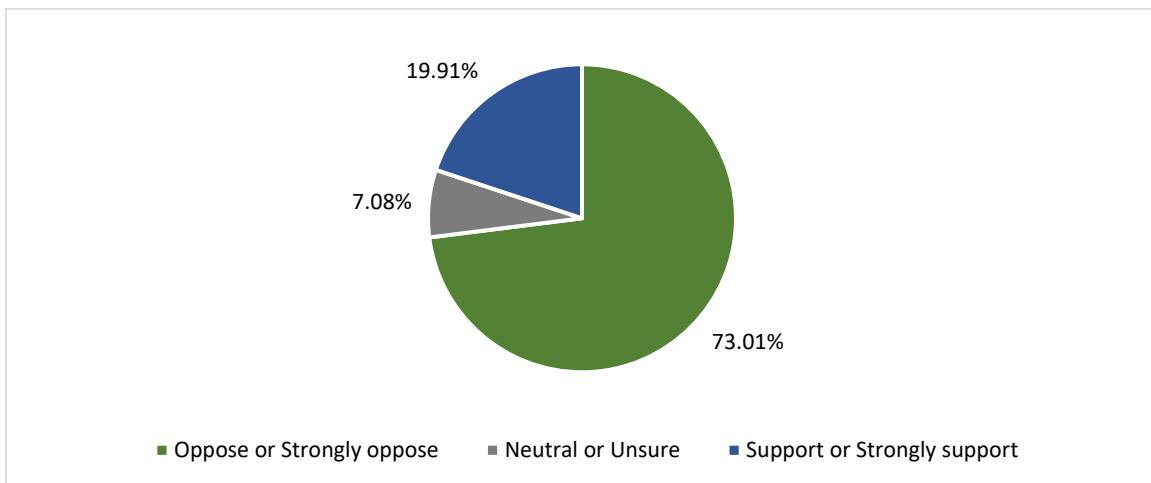
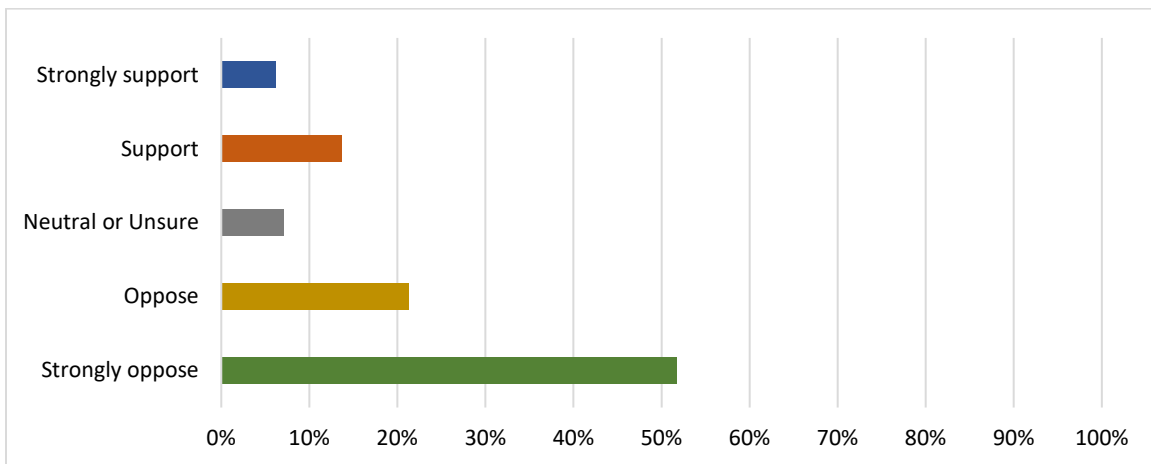
Responses Broken Out by Lake Access

	All Respondents		Lakefront Owners		With Deeded Access		Without Deeded Access	
	%	#	%	#	%	#	%	#
Lean towards treating the lake with alum	25.22%	57	26.96%	55	5.88%	1	20.00%	1
Lean towards not treating the lake with alum	68.58%	155	66.18%	135	94.12%	16	80.00%	4
Neither	6.19%	14	6.86%	14	0.00%	0	0.00%	0
Total		226		204		17		5

Respondent support for a ten-year alum treatment plan for Bone Lake at an estimated special assessment of \$130 per \$100,000 in property value per year for 10 years? (226 respondents)

About 73% of respondents oppose or strongly oppose a ten-year alum treatment plan with an estimated \$130 per \$100K in property value for ten years.

All Respondents



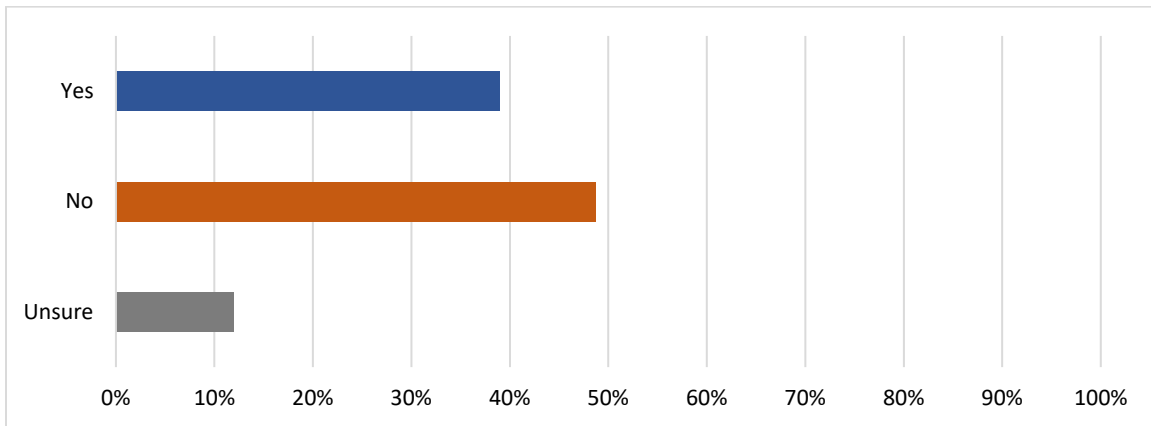
Responses Broken Out by Lake Access

	All Respondents		Lakefront Owners		With Deeded Access		Without Deeded Access	
	%	#	%	#	%	#	%	#
Strongly Support	6.19%	14	6.86%	14	0.00%	0	0.00%	0
Support	13.72%	31	15.20%	31	0.00%	0	0.00%	0
Neutral or Unsure	7.08%	16	6.86%	14	5.88%	1	20.00%	1
Oppose	21.24%	48	22.06%	45	17.65%	3	0.00%	0
Strongly Oppose	51.77%	117	49.02%	100	76.47%	13	80.00%	4
Total		226		204		17		5

Respondent feedback on whether the BLMD should bring to vote whether to fund treating Bone Lake with alum with a special assessment to Bone Lake property owners at the 2021 Bone Lake Annual Meeting. (225 respondents)

Approximately 39% of respondents believe a vote should be taken at the 2021 Annual Meeting on determine whether or not to fund treating Bone Lake with alum with a special assessment.

All Respondents



	%	#
Yes	39.11%	88
No	48.89%	110
Unsure	12.00%	27

Responses Broken Out by Lake Access

	All Respondents		Lakefront Owners		With Deeded Access		Without Deeded Access	
	%	#	%	#	%	#	%	#
Yes	39.11%	88	40.39%	80	29.41%	5	20.00%	1
No	48.89%	110	48.28%	98	52.94%	9	60.00%	3
Unsure	12.00%	27	11.33%	23	17.65%	3	20.00%	1
Total		225		203		17		5

Editor's Note: One respondent stopped answering the survey at this point so there are only 225 responses.

Respondents additional comments and questions regarding alum treatments.

The following comments were provided by respondents. With the exception of removing people's names, these comments are unedited for content and have not been checked for factuality.

- We have another house located on a small lake. The water was dark as chocolate milk. We treated which then allowed the weeds to grow creating a larger problem.
- Maybe we should focus more on properties with bad septic systems, reporting illegal pumping runoff issues.
- Preventive measures such as water run off chemicals, fertilizers controls are most effective. Mother Nature controls lake turn over and this year there was no problem. [preferred meeting location] support our local establishments
- The cost seems massive for the desired result and there is no guarantee that it would work. I'd prefer we put more money into stocking the lake to improve the fishing. I hear 100 more complaints about the lack of fish than a single complaint about water quality. Bone Lake has been her for centuries without the need for alum. I suggest we just let nature take its course.
- I don't live on the lake so why should my taxes go up!!
- At 2019 meeting it was decided to vote at 2020 meeting. Why do things get stated and they don't get followed thru on. We have issues we know about and then a committee is formed with an outcome we know and everything gets pushed for another year not solved again. Kick the can.
- Not sure what alum is. With this info, and a vote at annual would not be fair for all land owners.
- Not everyone attends the annual meeting. If a vote is taken, it should be by mail or online. Why not ban fertilizer and other toxins people are putting in the lake instead of adding another agent (alum).
- I do not agree with charging 130 per 100,00. \$130 should be one price for all. The lake is public, we landowners should not have to bear the cost for everybody that uses the lake.
- Too much money for little improvement in a lake that doesn't need alum. Move on to other important lake issues: safety, shoreline, wildlife, fishery, AIS
- Long term effect on lake
- Large amount of assessment to property owners over 10 years for treatment--no guarantee for effective control or improvement. Send out vote by mail.
- Taxes are already too high, especially for those near or in retirement. Reducing the nitrogen load on the lake is the best long-term solution. Property owners should manage their lakefront to prevent runoff. the lake is giving us feedback, we need to change our behavior, putting chemicals in the lake is not the correct answer.
- I did not know Zoom was available for annual meeting.
- Only one vote--don't vote again to get the way you want it. Drop this whole issue. I think the board wants to treat--not fair to the rest of owners. If we treat for more clarity that will produce more weeds. Then we'll have more people wanting the weeds gone. Vicious cycle. Besides we have zebra mussels nearby and that will clean up our lake quickly. We must be doing something right because this is the cleanest we've seen the lake in 50 years.
- I don't think the cost for alum is worth the unknown outcome. Bone Lake is beautiful just the way it is. [name removed]

- Our water has been very clear the past two years.
- Need everyone to vote on this; it's a big deal. We have fished Polk County lakes and surrounding areas for year. Bone Lake is clearer and cleaner than most. It's not suppose to be a swimming pool.
- A vote should be taken including ALL Bone Lake property owners whether or not they attend the 2021 annual meeting.
- Talk to anyone on Balsam Lake and they will tell you the alum treatment was well worth it, especially East Balsam (no more algae, just clear water). Big Round Lake has enough interest in alum that they will vote on it next June.
- Sounds like an endless expense. DNR should fine those that clear cut. Educate land/property owners on what fertilizers, if any, are okay to use. Provide them with where to buy it.
- I feel that the taxes are high enough on my property and the lake clarity seems good this year.
- I think assessment based on property value is wrong, maybe lake frontage better. The value of house should not be assessed. I did not know the BLMD had a taxing authority. Why not charge a user fee at the boat landing. I went to a meeting at Georgetown and it was made very clear that the lakeshore people do not own the lake. I see no reason to pay for the Rod & Gun Club.
- Would rather see wake boats banned because I think they cause more harm. Know how volatile that issue is. [on Zoom] but only if no vaccine by then. If vaccine, 100% in person.
- I am strongly opposed to this treatment and the associated cost.
- Why do we keep wasting time on this topic? We voted it down unanimously over 10 years ago at the annual meeting after the WI Conservation officer stated Bone Lake had a very minor algae problem that is affected mainly by the weather.
- Huge waste of money
- I am opposed to adding additional chemicals to our water. Enforce boating standards.
- This may be our only opportunity to correct many years of phosphorus building up in our lake. We much protect our investment.
- This was already voted on at a past BLMD meeting. It appears some are determined to keep pursuing this until they get the vote they want--just like lagoon dredging project. Also, other lakes have done alum and ended up destroying their fisheries. [for annual meeting] Support a lake business who is also a property owner, especially since COVID has severely impacted them. [zoom issues] couldn't hear the people very well; poor connections; could see their voting results
- I have been swimming in Bone Lake for over 60 years. It has always had algae bloom for about 2 weeks in the fall. That is a function of nature. Leave nature alone. Too much has already been done to damage the planet.
- I don't think that voting at the annual meeting is fare because not everyone can make it to the meeting. I think it should be a mail-in vote.
- It is time to take this off the agenda.
- Been on lake 44 years (since I was born, so the few first don't really count). I remember water being way worse late in the season than it has in recent years.
- I've been on Bone Lake since 1969. This is the cleanest I've ever seen. We do not need to treat it. Do not mess with Mother Nature. Move meeting back to second Saturday in August, not the third weekend.

- Increasing the aquatic plant growth
- I have been a property owner on Bone Lake since 1968 and have and will to continue to support any treatment to improve water quality. I have been on the board of commissioners and served as chair for several years. I always attend meetings but because of my age, it has become difficult recently. I now live on Squaw Lake where I have been since 1963. I just resigned as Chair of the Squaw Lake District after 25 years. We are in the process of looking at alum for Squaw Lake. [name removed]
- Funding should be based on shoreline length not property value
- We care deeply about the environment and the quality of the lake water. However, we have concerns about taking on the cost burden on treating the lake with alum considering it may have (what we would consider) minimal impact on visibility and may require re-treatment in the future.
- We really do not know how or why this benefits Bone Lake? It sounds very expensive and our property taxes are already too high.
- I think all lakefront property owners should vote via mail in ballot
- Bone Lake is clean over 95% of the year. Alum is a temporary solution. The better solution is preventing runoff into the lake.
- I have owned my cabin on Bone Lake for over fifty years. The lake is cleaner now than it has ever been during that time, thanks to all of the other efforts that have been implemented. Alum treatments are NOT NEEDED.
- Alum treatment was rejected about 10 years ago. What's changed? What has been the experience at other local lakes that have been treated with alum?
- Need more info to vote on the alum treatment. This is a big financial impact to property owners and no financial impact to those using the lake but not owning property on the lake.
- I think our water quality is good and at the very least, fine. Once we begin treatment we have to continue treatments every year for it to maintain its effectiveness. I think we should just wait until the water quality proves to be bad for at least two summers in a row, then start treating it. Why preemptively spend the money just in case it gets bad one year or maybe two.
- No one enjoys paying taxes, but the decision to support the alum treatment will enhance the long term health of the lake thus allowing future generations to enjoy it.
- Voting should be available for those not able to attend meeting
- I think we need to reach everyone so any vote or decisions should be available to everyone in an on line or written format.
- The treatments seem to be a band-aid on a larger problem and only mask the issue, not remove the phosphorous. After ten years, if the lake completely stops treatments, conditions could gradually go back to where we are today with a lot of needless money spent over 10 years by lake owners. And having to continually spend money on alum every year after the 10 years are up, only continues to add a monetary burden.
- The lake will take care of itself.
- The benefit does not seem to justify the cost.
- It would be nice if there was a way to vote without the need to attend the meeting in person.
- I suggest 1) we look at other lakes that have had similar treatment to understand effectiveness and possible unforeseen side-effects 2) get competitive bids to maximize value for money spent 3) consult with aquatic expert, maybe from DNR or University of Wisconsin to ensure this makes

sense. Maybe this has been done already. Overall I strongly support investing in the water quality of Bone Lake if an effective treatment is available

- Until recently I did not realize that additional weed growth is likely. As a lakeshore owner with weeds - more weeds further out into the lake is not necessarily great but if algae bloom is reduced we are more likely to vote for
- As noted earlier, how the Alum project is funded by property owners needs to be vetted. Oppose by property value, but by lakefront footage. This is what actually impacts an individual property owners "impact" and contribution to the treatment, not how much each has chosen to invest in the cabin which effects the overall property value.
- I feel the lake quality was very high in 2020, and that may lead many, including myself to doubt the need of an alum treatment. Would it be better to wait on this when a pattern of poor water quality emerges?
- I think it is unfortunately a matter of time and our lake will have zebra mussels due to all of the fisherman coming on our lakes from other lakes. Zebra mussels will not be a welcome addition, but one upside is the water will be noticeably more clear-
- 1 - Bone Lake doesn't have an algae problem that warrants a large expense to be paid by property owners. Bone Lake is one of the cleanest lakes in the area. 2 - An Alum treatment would directly increase plant life with weeds growing to deeper depths, which would in turn affect fish habitats.
- I oppose treating bone lake. Not sure what it will do to the fish
- What is the source of the phosphorus? Who or what causes it?
- Why is the assessment based on property value? Anyone with lakefront property has equal access to the lake and therefore should share equally in the cost. Also, a small fee could be charged for non-property owners to launch on the lake.
- The lake has had good clarity in recent years. The proposed alum treatment seems like a waste of funds and it will have to be ongoing. More natural and less expensive options should be pursued.
- The alum question has been raised for more than two years and supported by a small group of individuals determined to push this issue. This is hardly the time to continue forth with such a proposal. The uncertainty of the economy and jobs is very great. To continue on with this, many of the owners who may be on the edge financially could lose their refuge from the anxiety. For our property, we would be assessed over \$7,000 for a plan that does bring an equitable cost/benefit. We have owned our property for 70 years. The quality of water has ebbed and flowed through out these years. Better individual stewardship with the algae can help accomplish a cleaner lake. We strongly oppose this plan!
- Sooner would be even better!
- Water clarity is the best it has been in years, I do not see a need for the treatment.
- I oppose adding chemicals to the lake.
- Bone Lake does not need such treatments.
- Only after adjusting the distribution of cost. The more lakeshore owned, the more you benefit. Nothing to do with property value.
- Is there another way to vote? Perhaps mail, email, or web based. Of course 1 ballot sent only to property owners

- The BLMD should require a 2/3 affirmative vote before implementing any plan which requires a special assessment.
- Bone Lake is clear enough without incurring such a large expense to property owners, especially for at least 10 years and probably many more. If a vote is to take place, then all property owners must have a vote recorded and not just those who attend the meeting. It is too large an issue and too great an expense that impacts every property owner on Bone Lake, for the few who attend and of those, who proposed the alum treatments in the first place, to make this decision on behalf of all property owners. Especially since most property owners do not attend the annual meeting and probably would not even be aware that their property taxes would take a huge jump for many, many years.
- This has been voted down before. It's a dead issue. Stop trying to resurrect and push it! It's a ridiculous amount of money to spend on something we don't need and hasn't been effective in other lakes that have done it. It's a waste of money.
- The Board should find a way for all persons who will be affected by an assessment to vote, not just those that attend the Annual Meeting!
- It would make sense to enforce the phosphorus running into the lake. That's the problem. Treating the lake will be an endless battle if that is not addressed.
- The board has kicked this can enough in the attempt to gain support. There is no clear evidence supporting the significant expense. Let's move on.
- I believe that a mail in vote process should be utilized so more votes would be submitted.
- If a vote is necessary to have it pass then yes, a vote. If no vote is necessary and the water can still be treated then no vote. I just want the water to be treated.
- Please tell the truth to the residents so they are educated regarding Alum. 1. Once you start Alum Treatments, they will NEVER stop. Which means you are asking folks to raise their taxes for life. 2. The lake will continue to turn over every fall regardless of treating it with Alum - FACT! 3. The fishery may be harmed, there's just not enough data out there yet however I've seen it go both ways. 4. By raising taxes, you're lowering the overall value of everyone's property. Taxes are the number one expense to deter someone from purchasing your lake home. We already pay extraordinary high taxes on Bone Lake, why would anybody voluntarily vote to raise their taxes so we can implement a treatment for the lake that is NOT needed.
- Why would the assessment be based on tax value? Why wouldn't you take the total number of property owners that have lake access, plus the three resorts and divide evenly. If you have a property worth \$200,000 doesn't mean you enjoy the lake less than someone whose property is worth \$600,000
- Don't take a vote, don't do the treatment
- My initial questions were listed previously.
- The topic should be tabled. I've been on the lake for over 55 years. The water quality and clarity is the best it has ever been. I also recall the discussion of using alum coming up in the 70's or 80's. I don't believe it is necessary to treat the lake.
- Too expensive and hasn't shown to work in the past on other lakes. Also where I am located we can't do ANY type of weed control so why would I pay for this.
- Bone Lake is not severely impaired at this time.
- From what I've observed a majority of the lake shore owners fertilize their lawns and pile grass clippings where the runoff can reach the lake. The cattle farm at the South end of the lake drains

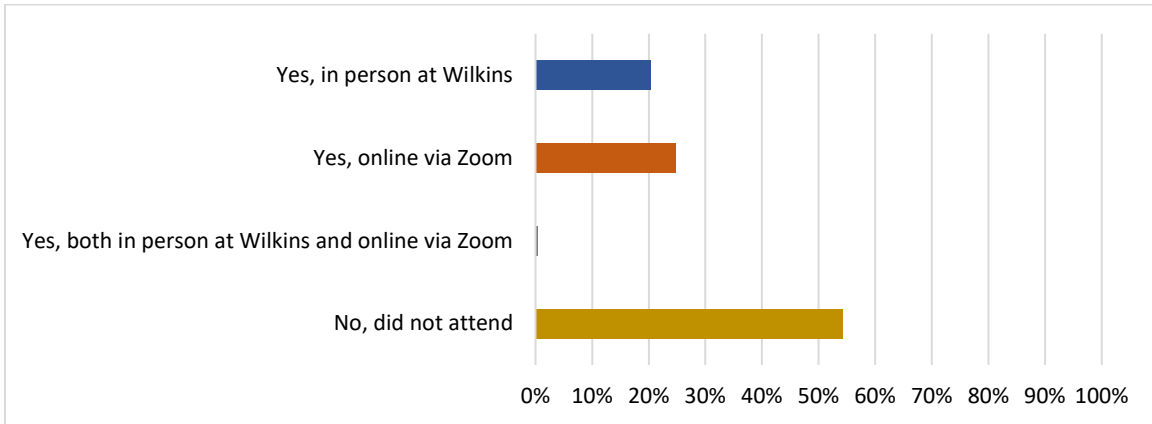
into the lake. Until these sources of algae producing nitrogen are stopped an alum treatment program is just an expensive band-aid that does nothing to improve water quality long term and in fact can harm the lake by fixing the pollutants in the sediment rather than removing them.

- Not only am I strongly opposed -Bone Lake does not need this - I am strongly opposed to those who have higher property values pay more when we all use the lake! If I even agreed to the treatments I would only consider it if there is a flat fee for all property owners.

Survey Section 3: Feedback on Annual Meeting

Did respondent attend the BLMD 2020 Annual Meeting? (225 respondents)

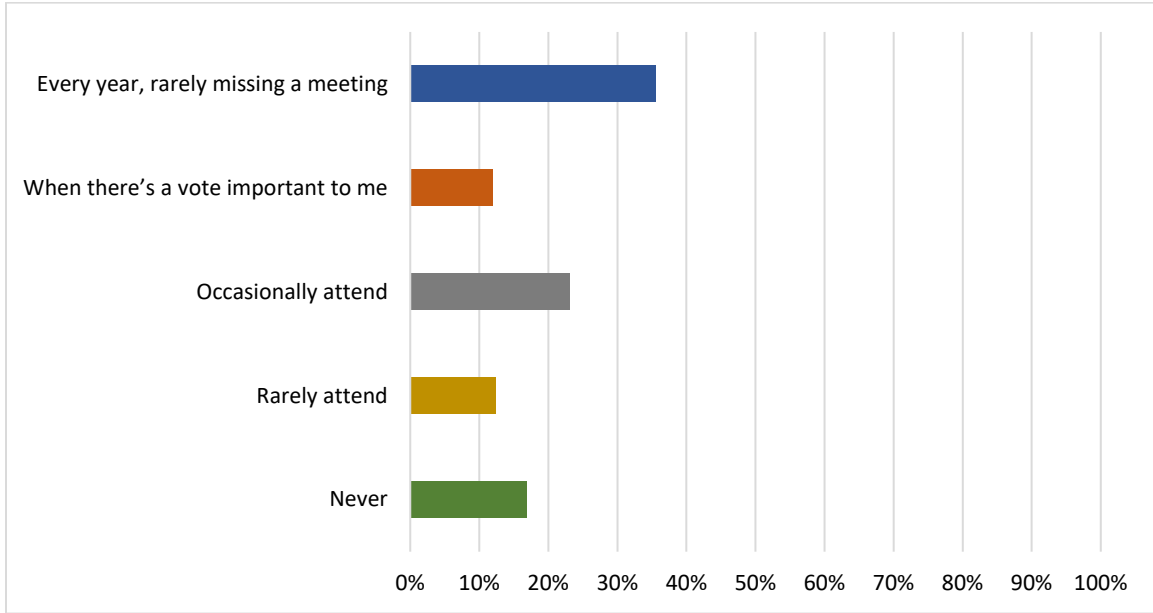
Approximately 45% of respondents attended the 2020 Bone Lake Management District’s Annual Meeting either in person or via Zoom or both.



	%	#
Yes, in person at Wilkins	20.44%	46
Yes, online via Zoom	24.89%	56
Yes, both in person at Wilkins and online via Zoom	0.44%	1
No, did not attend	54.22%	122

How often does respondent attend the BLMD Annual Meeting? (225 respondents)

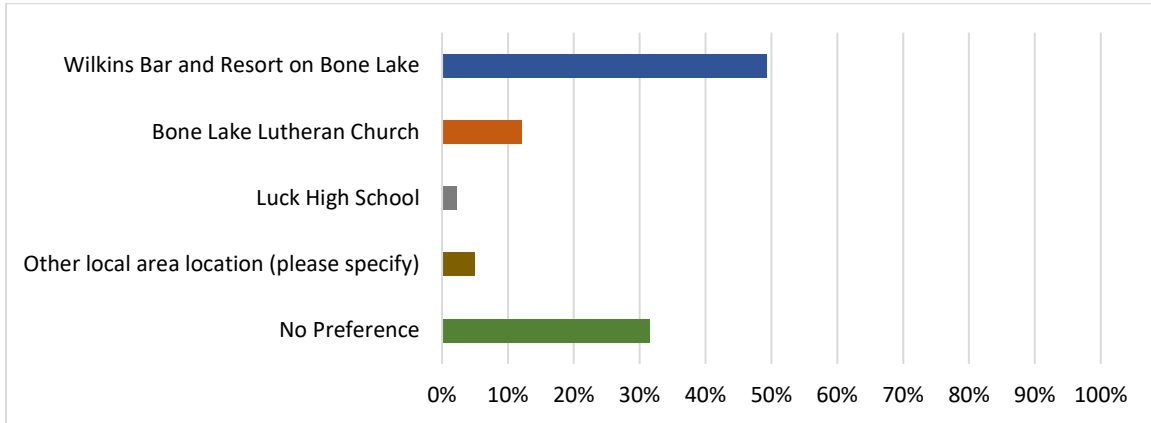
Most respondents attend the District’s Annual Meeting at least occasionally.



	%	#
Every year, rarely missing a meeting	35.56%	80
When there's a vote important to me	12.00%	27
Occasionally attend	23.11%	52
Rarely attend	12.44%	28
Never	16.89%	38

What is the preferred location for the BLMD Annual Meeting? (225 respondents)

About 49% of respondents prefer Wilkins Bar and Resort on Bone Lake while 31.56% had no preference for location of the Annual Meeting.



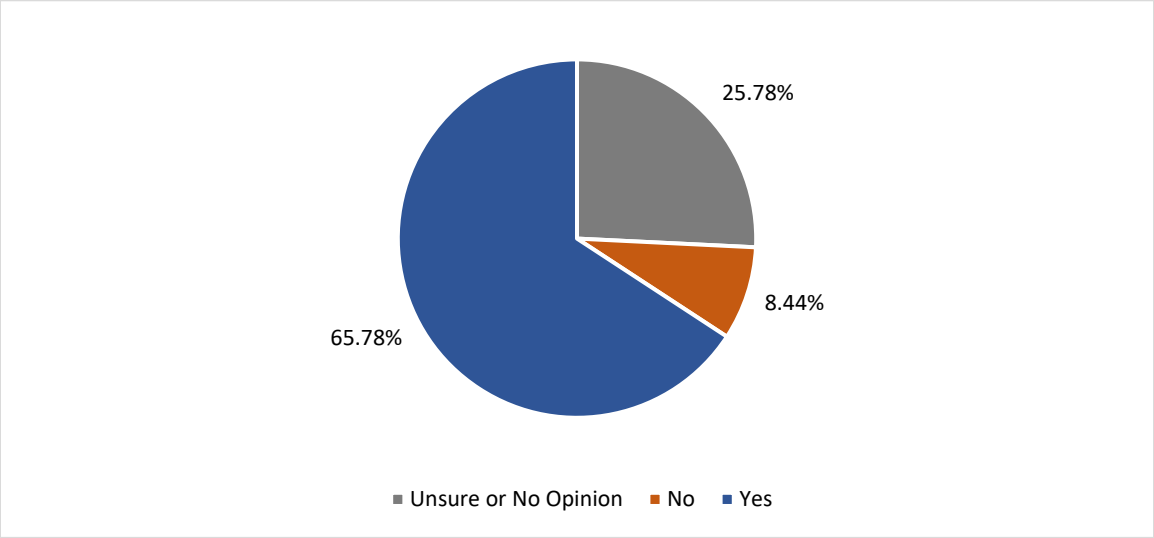
	%	#
Wilkins Bar and Resort on Bone Lake	49.33%	111
Bone Lake Lutheran Church	12.00%	27
Luck High School	2.22%	5
Other local area location	4.89%	11
No Preference	31.56%	71

The following are alternative locations specified by respondents:

- Large area based on COVID-19 for 2021
- don't hold meeting at Wilkins again
- Our family really appreciated the option to attend over Zoom or (for those that missed the meeting) listen to the recording later
- any large local area, not Wilkins.
- Wilkins is ok, but when I had to sit in the back room this August, no one could hear those talking. Those running the meeting need to ensure there is a loudspeaker that works, are using it, and should be repeating questions that come from Zoom or the audience. Otherwise, choose a better location, perhaps Bone Lake Lutheran Church
- zoom
- anywhere there is better acoustics, speaker system
- Big enough to accommodate all who want to attend
- Local School Gym?
- Lions Club Park
- Any local venue not serving alcoholic beverages

Feedback on whether BLMD should offer a hybrid Annual Meeting for 2021, in person and online via Zoom. (225 respondents)

A majority of respondents indicated the District should offer a hybrid Annual Meeting in 2021.



	%	#
Yes	65.78%	148
No	8.44%	19
Unsure or No Opinion	25.78%	58

Appendix A: Survey Questions

- Please indicate where have you seen information regarding alum (check all that apply):
 - BLMD Annual Meeting
 - BLMD Website
 - Other Lake Association
 - BLMD Mailed Newsletter
 - BLMD Email News
 - Other
 - Local Newspaper
 - Word of Mouth
- Please indicate whether you agree or disagree with the following statement: The information I've received from BLMD helped support my decision-making process regarding alum treatments?
 - Strongly Agree
 - Agree
 - Neutral or Unsure
 - Disagree
 - Strongly Disagree
- Which is the most effective method of communicating information on topics like alum treatments (please choose one)?
 - BLMD Annual Meeting
 - BLMD Website
 - Other Lake Association
 - BLMD Mailed Newsletter
 - BLMD Email News
 - Other
 - Local Newspaper
 - Word of Mouth
- Please indicate whether you agree or disagree with the following statement: I could make an informed vote on the alum treatment plan for Bone Lake based on the information I have available.
 - Strongly Agree
 - Agree
 - Neutral or Unsure
 - Disagree
 - Strongly Disagree
- What additional information, if any, do you need to make an informed decision?
- What type lake access best describes your property?
 - Lakefront property owner.
 - Non-lakefront owner with deeded access to the lake.
 - Non-lakefront owner without deeded access to the lake.
 - None of these
 - Unsure
- Do you lean more towards treating the lake with alum or not treating the lake with alum?
 - Lean towards **treating** the lake with alum.
 - Lean towards **not treating** the lake with alum.
 - Neither
- With what you know so far, do you support a ten-year alum treatment plan for Bone Lake at an estimated special assessment of \$130 per \$100,000 in property value per year for 10 years?
 - Strongly Support
 - Support
 - Neutral or Unsure
 - Oppose
 - Strongly Oppose
- Do you believe a vote should be taken at the 2021 Bone Lake Annual Meeting on whether to fund treating Bone Lake with alum with a special assessment to Bone Lake property owners?
 - Yes
 - No
 - Unsure
- Please share any additional comments or questions you may have regarding alum treatments.

11. Did you attend the BLMD 2020 Annual Meeting?
- Yes, in person at Wilkins
 - Yes, online via Zoom
 - Yes, both in person at Wilkins and online via Zoom
 - No, did not attend
12. How often do you attend the BLMD Annual Meeting?
- Every year, rarely missing a meeting
 - When there's a vote important to me
 - Occasionally attend
 - Rarely attend
 - Never
13. What is your preferred location for the BLMD Annual Meeting?
- Wilkins Bar and Resort on Bone Lake
 - Bone Lake Lutheran Church
 - Luck High School
 - Other area location (please specify) _____
 - No preference
14. Should BLMD offer a hybrid Annual Meeting for 2021, in person and online via Zoom?
- Yes
 - No
 - Unsure or No Opinion