

Tainter Lake Rehabilitation District: Strategic Planning

Community Meeting

March 28, 2024

April 3, 2024

April 6, 2024

Introductions

- Presenter
- Grant Writing Committee
- Strategic planning is a component of a DNR Planning Grant
- Other Lake District Commissioners

Meeting Goals

- Communicate a better understanding of the challenges to improving the water quality of Tainter Lake.
- Involve the public in a situational appraisal of priorities for strategic planning.
- Review and revise the TLRD mission and vision.

Housekeeping

- Break when needed
- Restrooms
- Water is available
- Meeting is designed for two hours (we will use all of it)
- I will stay around after the meeting for additional conversations (I am sure the other commissioners will also stay)

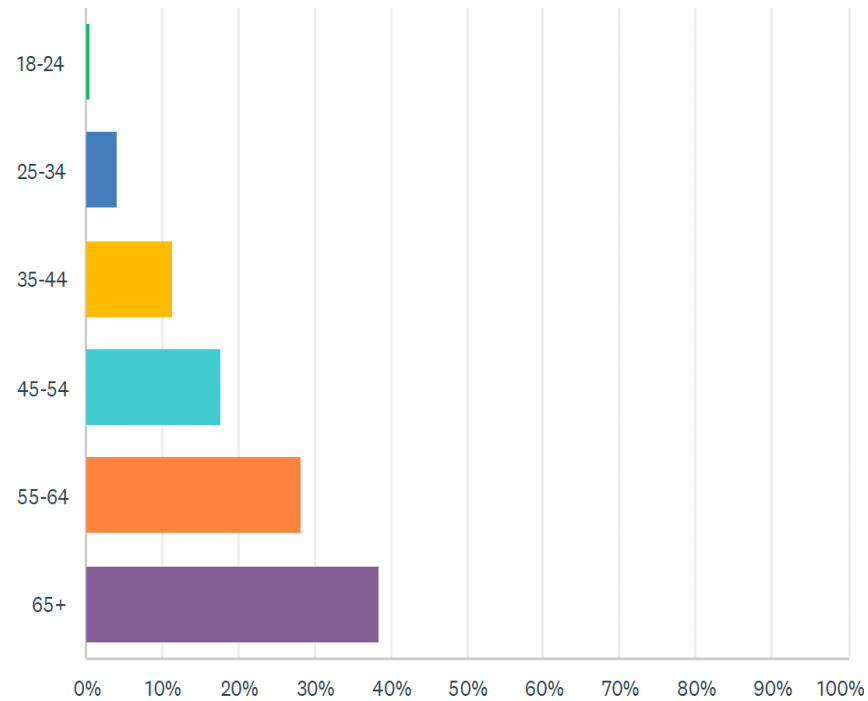
Survey Results and Data

Survey of Residents and Users of Tainter Lake

Which of the following age categories applies to you: (Q1)

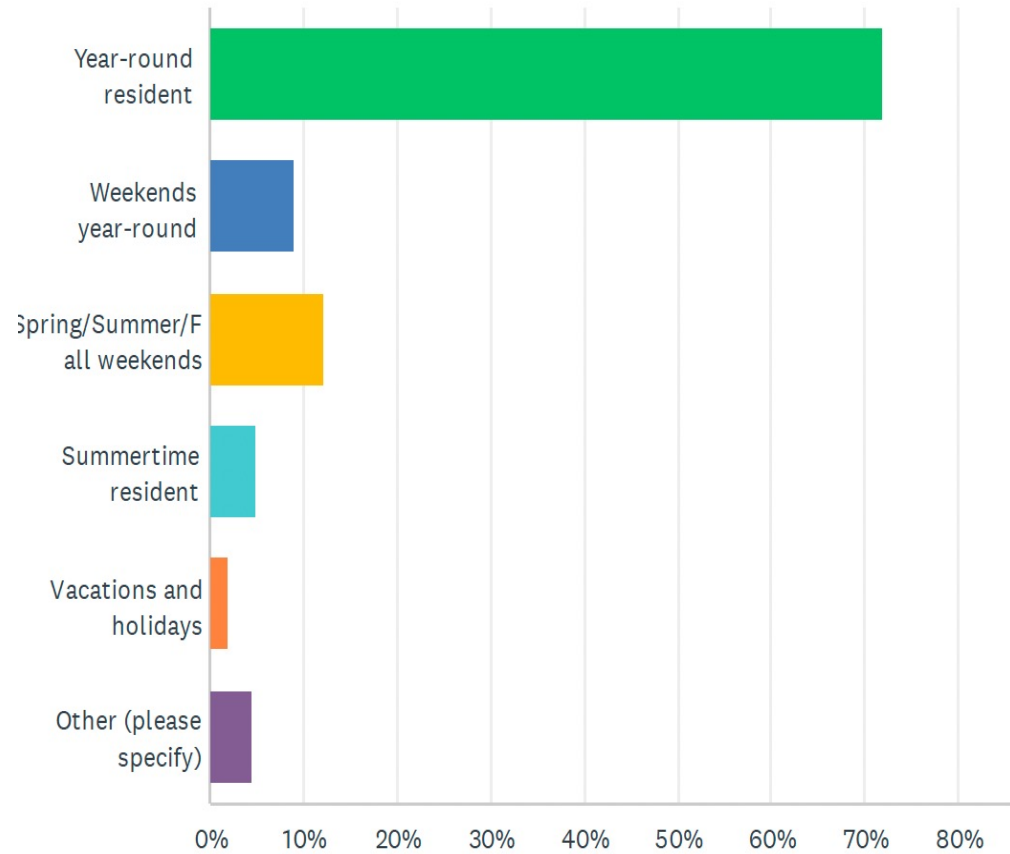
Q1 Which of the following age categories applies to you:

Answered: 248 Skipped: 1



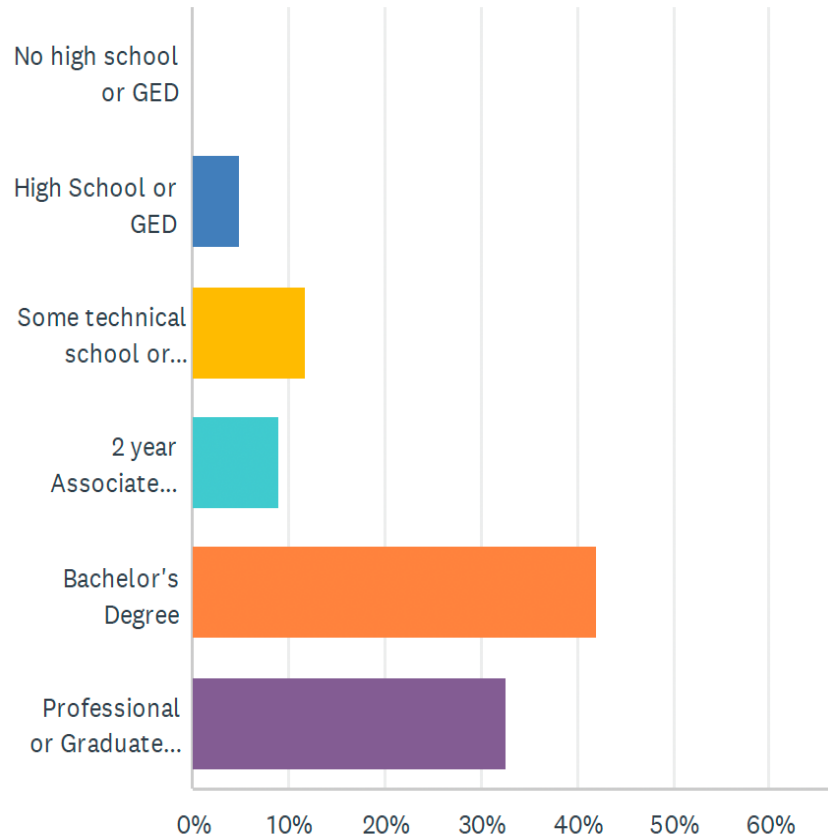
ANSWER CHOICES	RESPONSES	
18-24	0.40%	1
25-34	4.03%	10
35-44	11.29%	28
45-54	17.74%	44
55-64	28.23%	70
65+	38.31%	95
TOTAL		248

When do you typically use your property on Tainter Lake? (Q2)



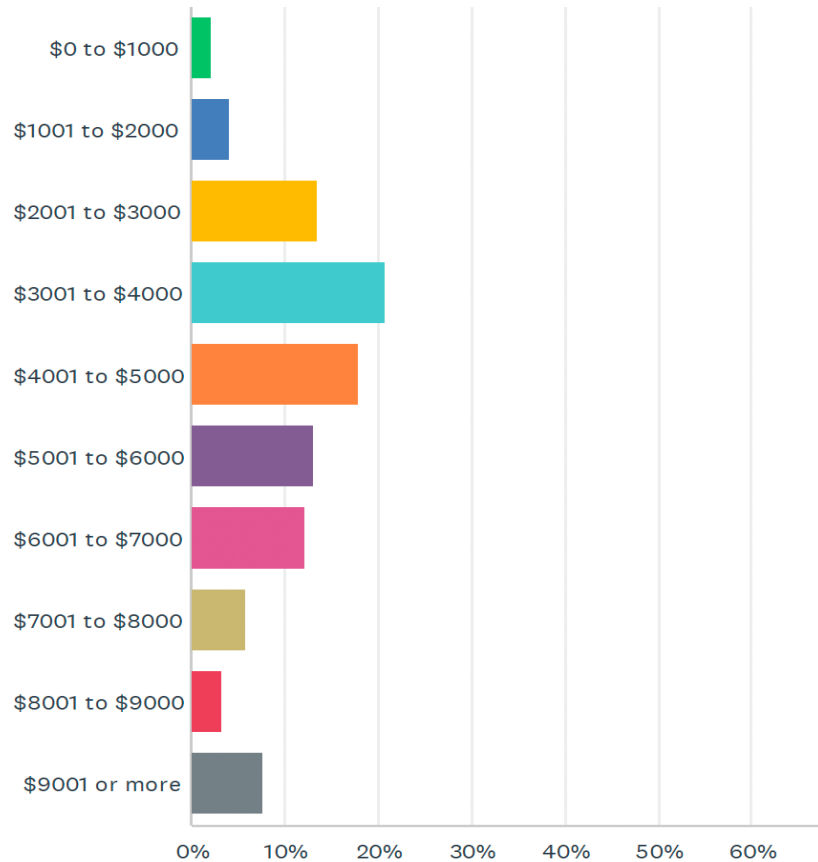
ANSWER CHOICES	RESPONSES	
Year-round resident	71.77%	178
Weekends year-round	8.87%	22
Spring/Summer/Fall weekends	12.10%	30
Summertime resident	4.84%	12
Vacations and holidays	2.02%	5
Other (please specify)	4.44%	11
Total Respondents: 248		

What is the highest level of education you have completed? (Q12)



ANSWER CHOICES	RESPONSES	
No high school or GED	0.00%	0
High School or GED	4.84%	12
Some technical school or college	11.69%	29
2 year Associate Degree	8.87%	22
Bachelor's Degree	41.94%	104
Professional or Graduate Degree	32.66%	81
TOTAL		248

What is the total property tax you pay on Tainter lake? (Q10)

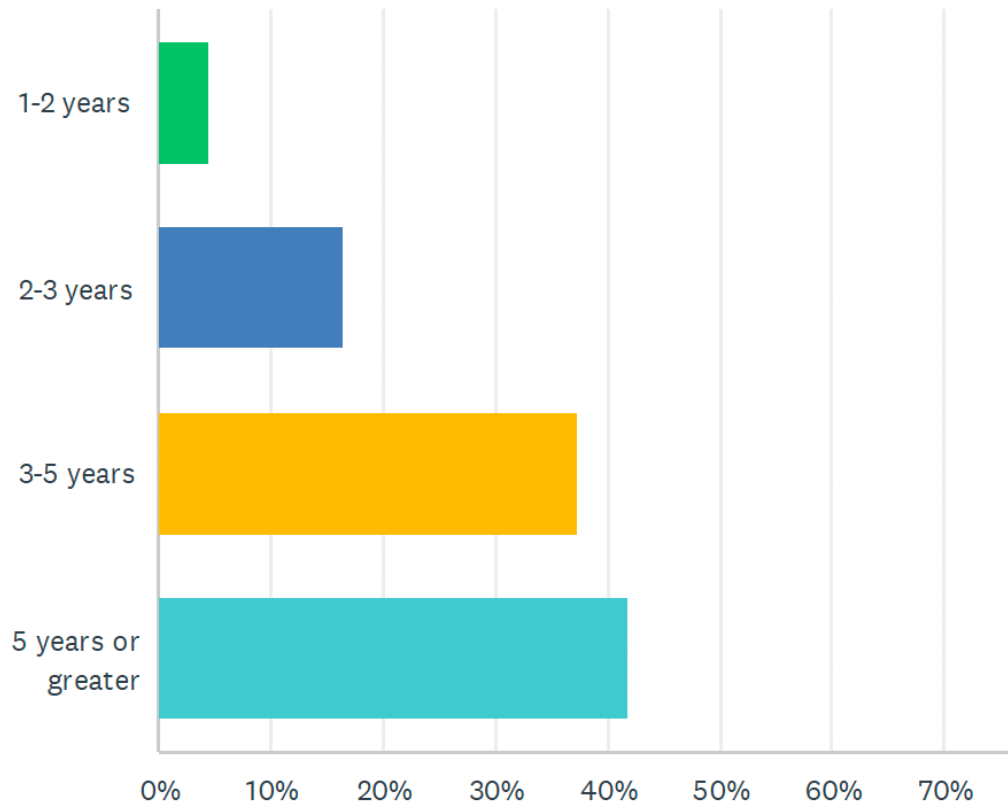


ANSWER CHOICES	RESPONSES
\$0 to \$1000	2.03% 5
\$1001 to \$2000	4.07% 10
\$2001 to \$3000	13.41% 33
\$3001 to \$4000	20.73% 51
\$4001 to \$5000	17.89% 44
\$5001 to \$6000	13.01% 32
\$6001 to \$7000	12.20% 30
\$7001 to \$8000	5.69% 14
\$8001 to \$9000	3.25% 8
\$9001 or more	7.72% 19
TOTAL	246

With respect to Tainter lake, how would you assess its current: (Q3)

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD	TOTAL	WEIGHTED AVERAGE
Over all condition of the lake?	12.85% 32	32.13% 80	43.78% 109	9.64% 24	1.61% 4	249	2.55
Water quality (algae, weeds, etc)?	36.55% 91	39.76% 99	20.48% 51	2.41% 6	0.80% 2	249	1.91
Water clarity (ability to see through)?	27.31% 68	40.96% 102	25.70% 64	4.42% 11	1.61% 4	249	2.12
Wildlife or fish habitat?	1.61% 4	9.64% 24	51.81% 129	32.13% 80	4.82% 12	249	3.29
Recreation quality?	7.23% 18	23.29% 58	40.56% 101	26.10% 65	2.81% 7	249	2.94
Asset to the surrounding communities?	6.83% 17	11.24% 28	32.53% 81	36.14% 90	13.25% 33	249	3.38

What are your expectations for reasonable improvements of Tainter lake? (Q6)

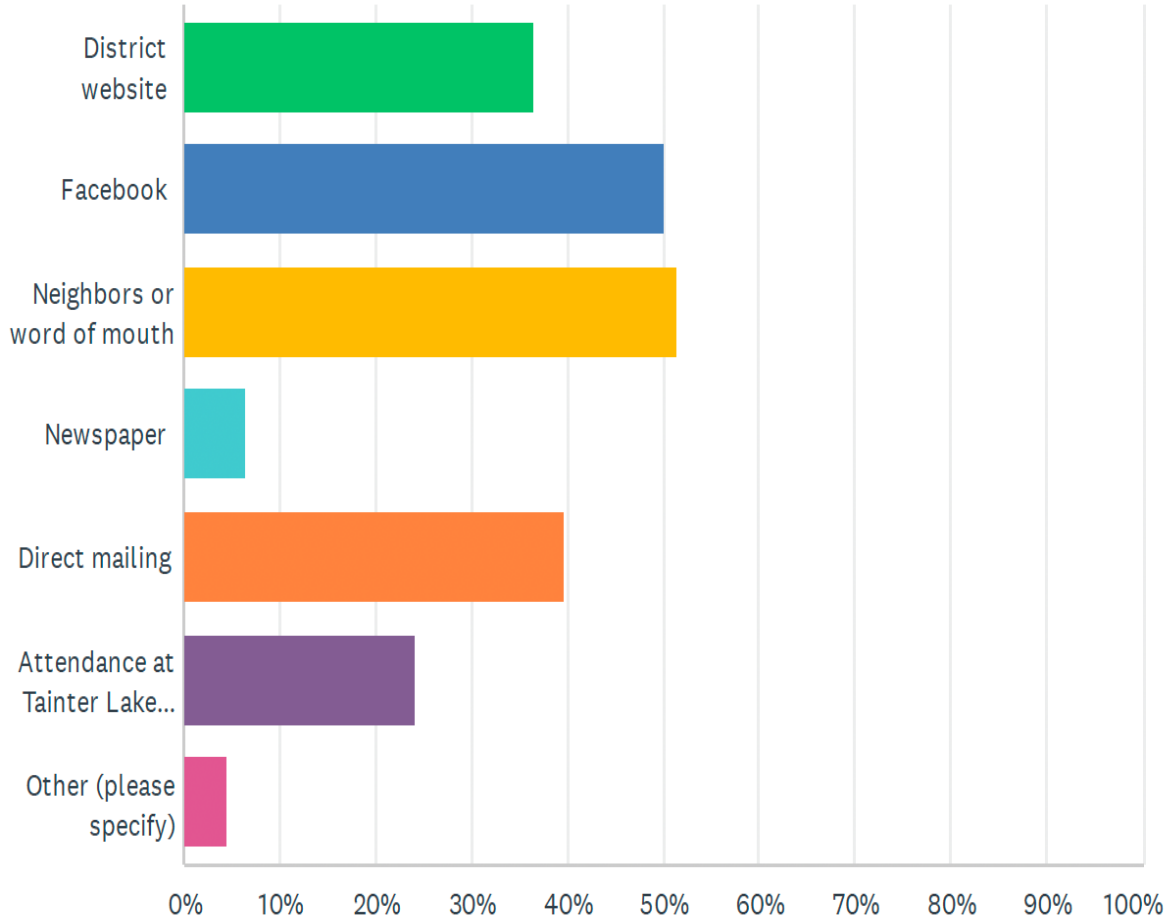


ANSWER CHOICES	RESPONSES
1-2 years	4.51% 11
2-3 years	16.39% 40
3-5 years	37.30% 91
5 years or greater	41.80% 102
TOTAL	244

Which of the following responses best describe you with respect to: (Q9)

	NOT APPLICABLE	NEVER DONE, NO INTEREST	NEVER DONE, WILLING TO	USED TO, BUT NO LONGER DO	CURRENTLY DO	TOTAL	WEIGHTED AVERAGE
Volunteering your time to protect or improve Tainter Lake	8.98% 22	11.02% 27	57.96% 142	11.84% 29	10.20% 25	245	3.03
Speaking to friends and neighbors about lake protection or improvement	5.39% 13	22.82% 55	22.82% 55	6.22% 15	42.74% 103	241	3.58
Wasing your boat when leaving a lake or other water body	44.53% 110	4.86% 12	8.91% 22	0.40% 1	41.30% 102	247	2.89
Planting native plants along your shoreline	9.05% 22	8.64% 21	44.86% 109	4.12% 10	33.33% 81	243	3.44
Shoreline erosion protection (e.g. rip rap)	13.52% 33	6.15% 15	40.16% 98	4.92% 12	35.25% 86	244	3.42
Reducing or eliminating fertilizer application on your lawn and/or garden	15.32% 38	9.68% 24	16.13% 40	2.82% 7	56.05% 139	248	3.75
Creating a rain garden on your property	11.43% 28	27.35% 67	43.67% 107	1.22% 3	16.33% 40	245	2.84
Using a rain barrel(s)	10.33% 25	29.75% 72	46.28% 112	2.89% 7	10.74% 26	242	2.74
Creating fish habitat or other aquatic restoration methods	8.54% 21	16.67% 41	59.35% 146	4.47% 11	10.98% 27	246	2.93

How Do You Get Your Information regarding the activities and events of the Lake district? (Q7)

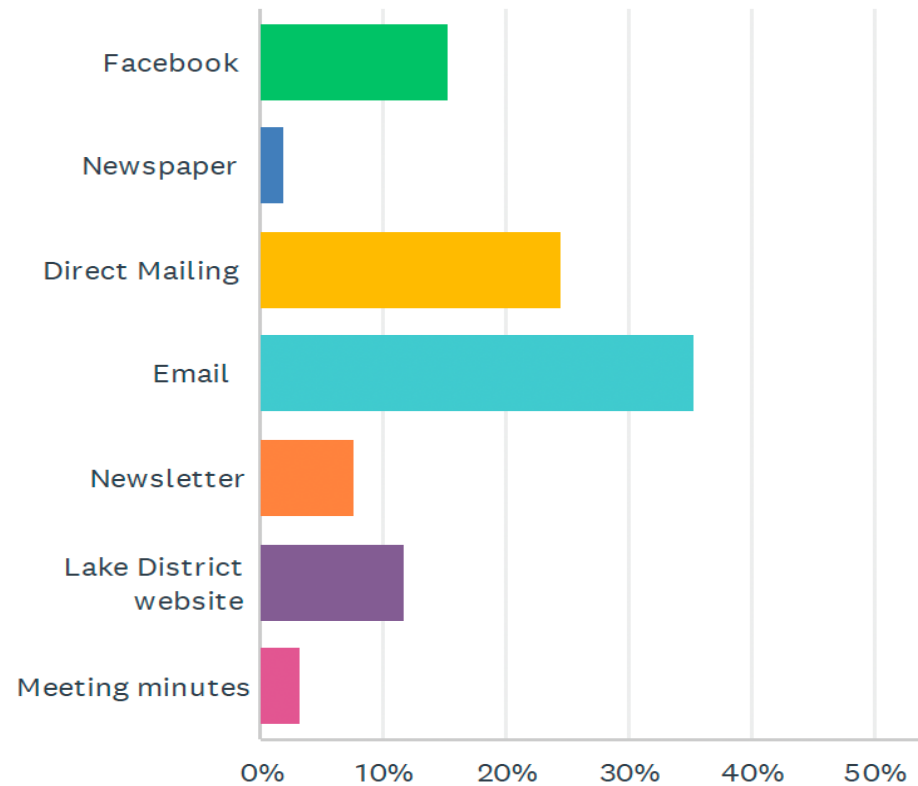


ANSWER CHOICES	RESPONSES	
District website	36.55%	91
Facebook	50.20%	125
Neighbors or word of mouth	51.41%	128
Newspaper	6.43%	16
Direct mailing	39.76%	99
Attendance at Tainter Lake Rehabilitation District meetings (regular and committee)	24.10%	60
Other (please specify)	4.42%	11
Total Respondents: 249		

Other (q7):

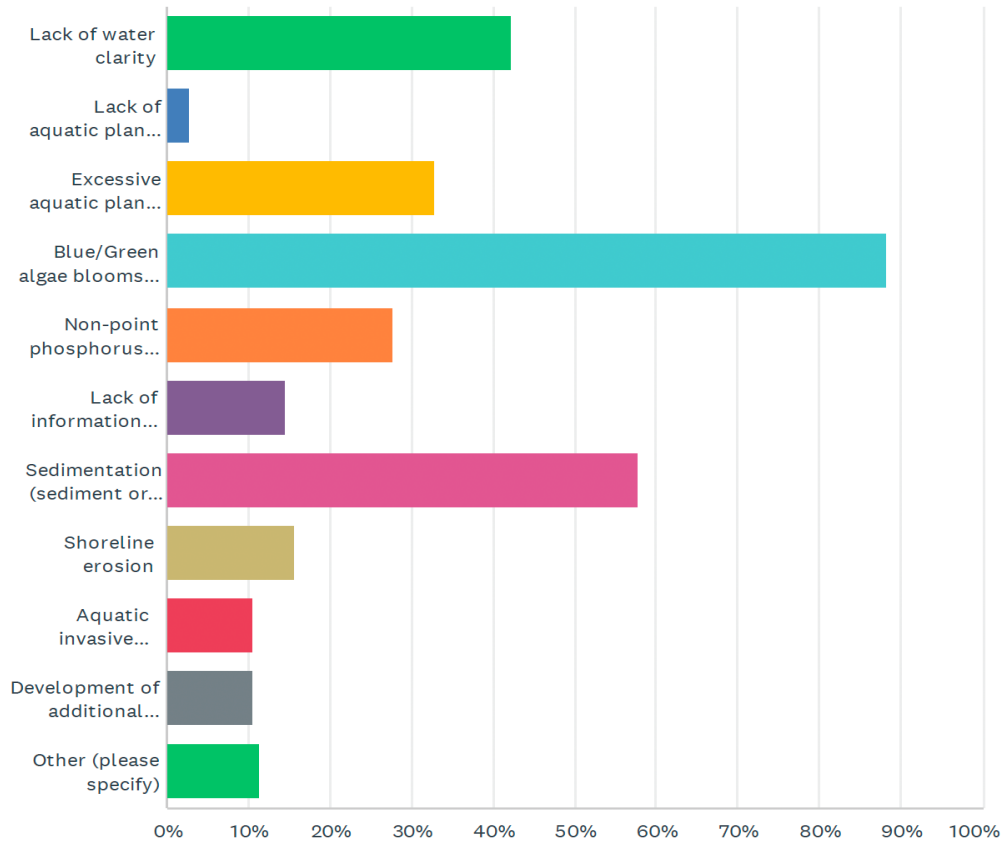
- Meetings on YouTube
- Add more and complete information to the website (Update more timely)
- Email information
- Word of mouth

What is the best method to receive information regarding Tainter lake rehabilitation district? (Q8)



ANSWER CHOICES	RESPONSES
Facebook	15.32% 38
Newspaper	2.02% 5
Direct Mailing	24.60% 61
Email	35.48% 88
Newsletter	7.66% 19
Lake District website	11.69% 29
Meeting minutes	3.23% 8
TOTAL	248

What are the greatest Challenges the Tainter lake district has to address over the next five years in order to improve Tainter lake? (Q4)

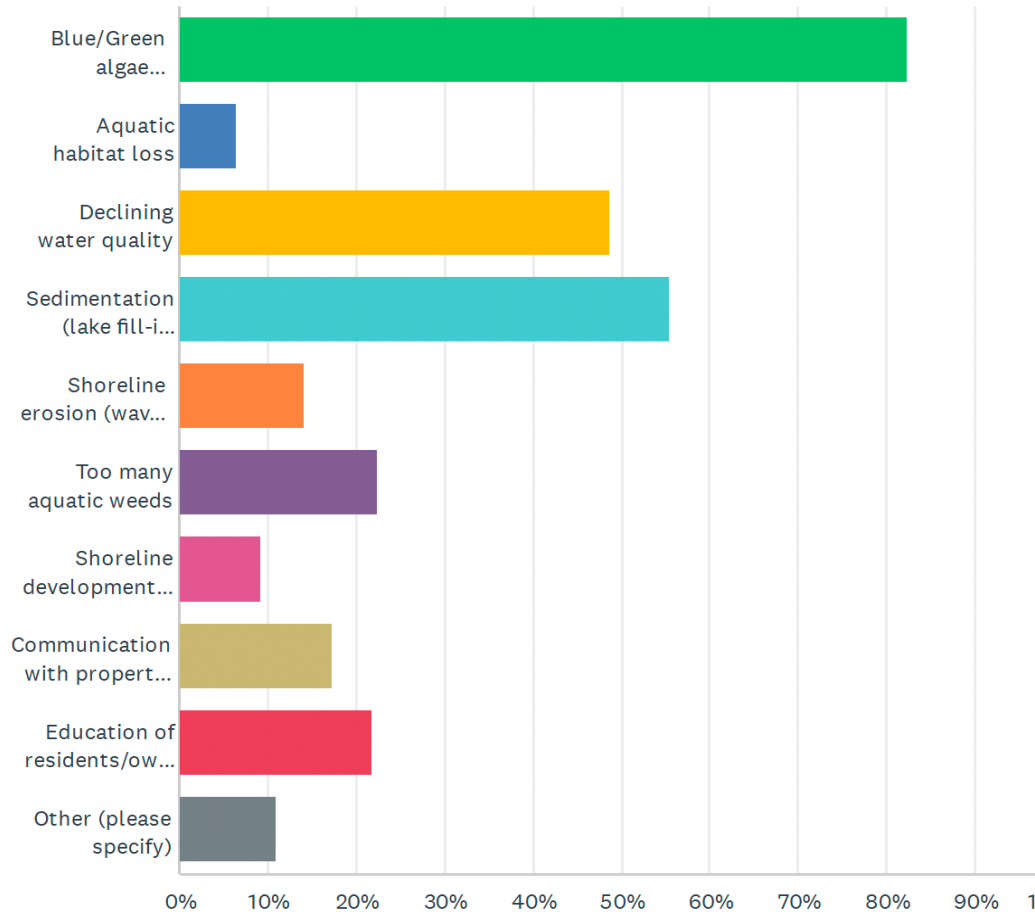


ANSWER CHOICES	RESPONSES	
Lack of water clarity	42.17%	105
Lack of aquatic plant growth	2.81%	7
Excessive aquatic plant growth	32.93%	82
Blue/Green algae blooms (cyanobacteria)	88.35%	220
Non-point phosphorus (e.g. septic systems or runoff)	27.71%	69
Lack of information regarding the issues facing Tainter Lake	14.46%	36
Sedimentation (sediment or sand washing into the lake for the Red Cedar and Hay Rivers)	57.83%	144
Shoreline erosion	15.66%	39
Aquatic invasive species	10.44%	26
Development of additional ordinances regulating the use of the lake	10.44%	26
Other (please specify)	11.24%	28
Total Respondents: 249		

Others (Q4):

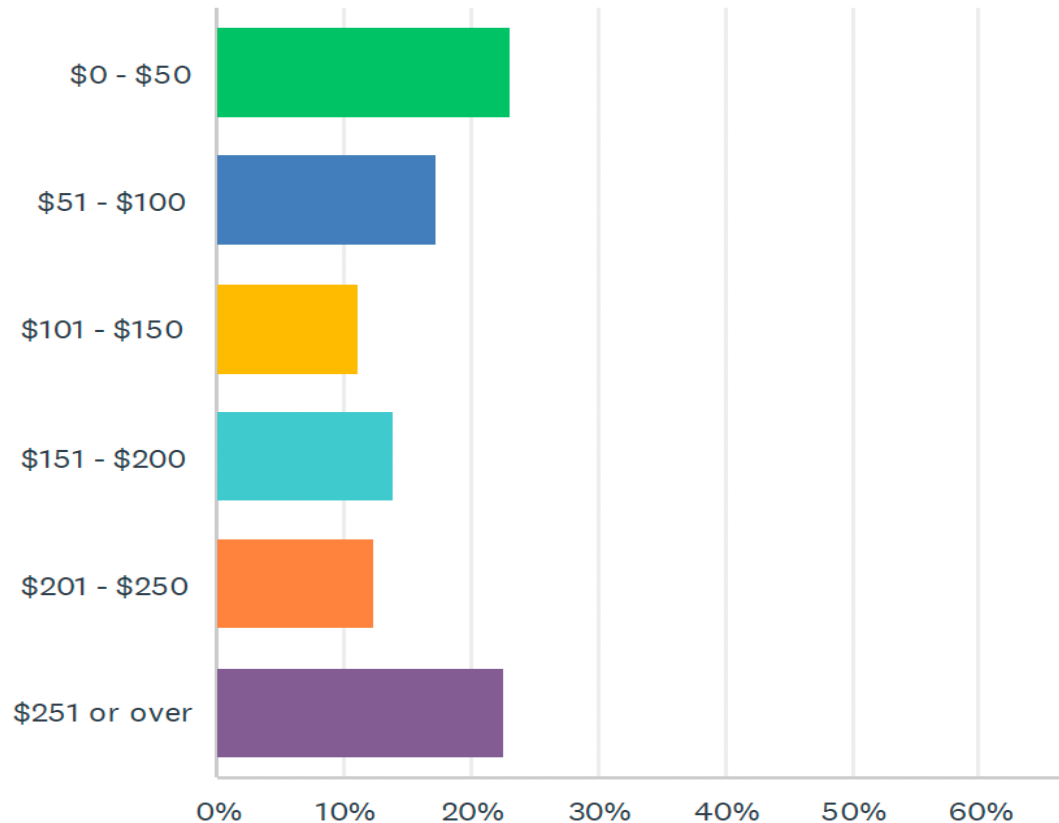
- Carp
- Sedimentation
- Ordinance and enforcement
- Education and partnerships
- Erosion
- Other area of support (finance and technical)
- Vegetation

What should be the top priorities for the work of the lake district? (Q5)



ANSWER CHOICES	RESPONSES
Blue/Green algae (cyanobacteria)	82.33% 205
Aquatic habitat loss	6.43% 16
Declining water quality	48.59% 121
Sedimentation (lake fill-in from the rivers)	55.42% 138
Shoreline erosion (wave action)	14.06% 35
Too many aquatic weeds	22.49% 56
Shoreline development (buffer zones, rain gardens, etc)	9.24% 23
Communication with property owners	17.27% 43
Education of residents/owners as to the challenges and threats facing Tainter Lake	21.69% 54
Other (please specify)	10.84% 27

If the TLRD can define and measure attainable projects, how much will you be willing to pay extra in property taxes for Lake district operations and projects? (q11)



ANSWER CHOICES	RESPONSES	
\$0 - \$50	22.95%	56
\$51 - \$100	17.21%	42
\$101 - \$150	11.07%	27
\$151 - \$200	13.93%	34
\$201 - \$250	12.30%	30
\$251 or over	22.54%	55
TOTAL		244

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Summary of the Survey Results

- Demographics

 - 66.5% of respondents are 55 to 65+ years of age

 - Largest age group of respondents was 65+ (38%)

 - Year-round residents

 - 65% of respondents paid between \$2000 and \$6000 in property taxes

 - 75% of respondents have a bachelor's degree or more

- Challenges and priorities

 - A majority of respondents indicated the conditions of the lake range from very poor to fair. Asset to the surrounding community was ranked the highest and water quality the lowest.

 - Top four priorities (from respondents)

 - Water quality

 - Sedimentation

 - Vegetation

 - communication

Summary cont.

- **Communication**

Facebook, word of mouth, and Lake District website were how most respondents received communication.

Email and direct mailing were the highest rated forms preferred by respondents.

- **Expectations**

The majority of respondents have expectation of 3 years or greater

A majority of respondents are willing to try improvement activities and many have made personal changes.

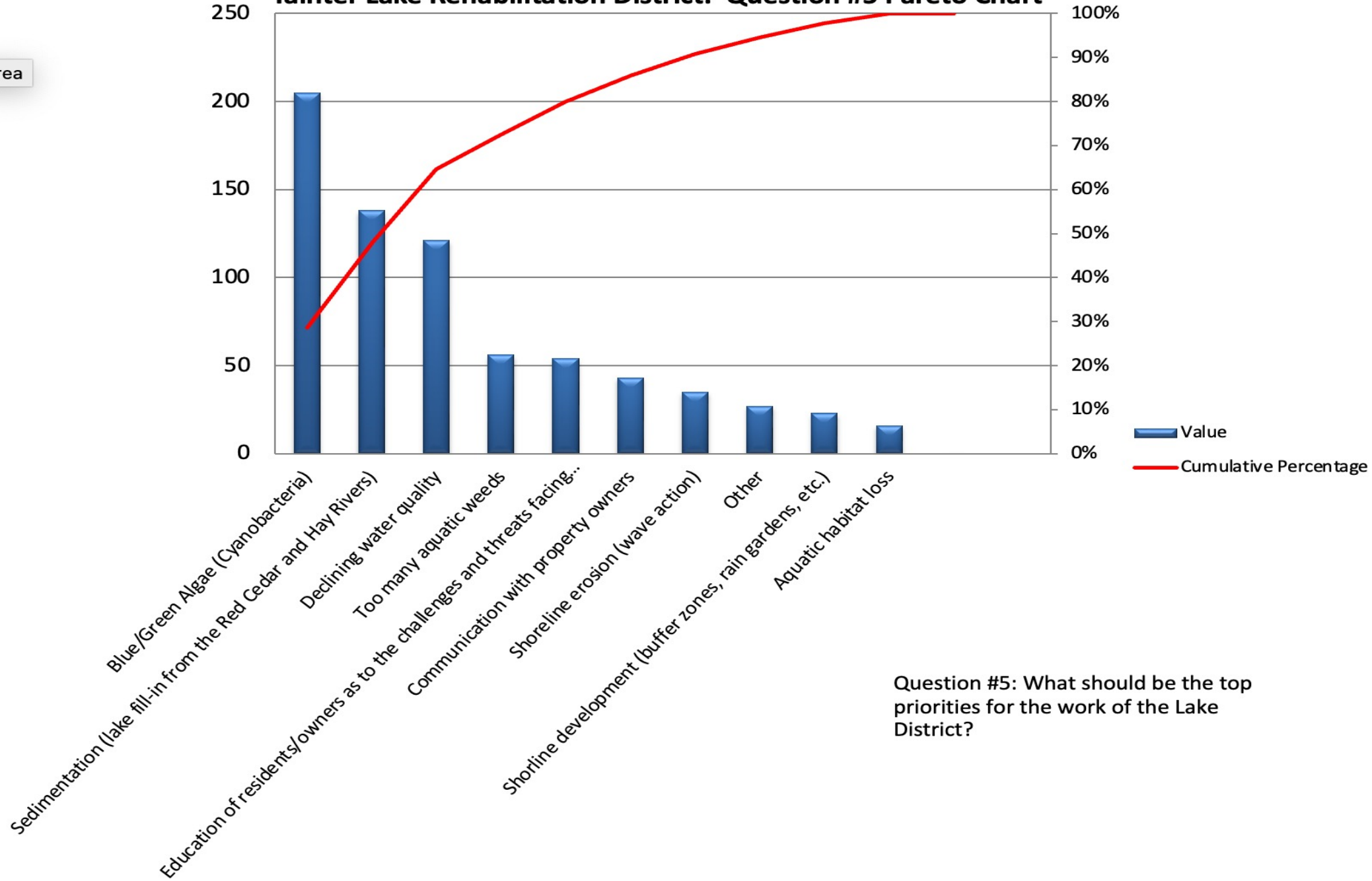
There was a range of responses to the question regarding taxes (Q11).

Pareto Chart & situational appraisal

To focus efforts on the problems that offer the greatest potential for improvement.

Tainter Lake Rehabilitation District: Question #5 Pareto Chart

Chart Area



Question #5: What should be the top priorities for the work of the Lake District?

Situational Appraisal

Definition: A systematic process which helps to break complex issues into manageable parts.

Steps

- See The Issues
- Clarify the Issues
 - Understand the pieces of the issues.
 - Be specific.
- Assess the Priorities and Identify What to Work on First
 - How serious or important is this matter?
 - How urgent is the deadline?
 - What is the potential growth or trend toward a positive result?
- Next Steps
 - The TLRD Board of Commissioners will create goals derived from

Situational Appraisal: scoring

- Seriousness
 - How serious/important is this item?
- Urgency
 - How urgent is this item?
- Growth
 - How well does this item align to our district Mission/Vision/Beliefs? What is the potential for improving Tainter Lake?

Analysis: worksheet

1. Complete the worksheet individually
2. In your groups discuss your responses; clarifying and explaining your sense of importance.
3. In your groups come to consensus to develop a group analysis.
4. We will share the results of your group discussion.
5. The results of the group will be compiled and added to the upcoming meetings.

The group work will be collected to create a summary of the evenings work.

Report the Results of Your Table

- What were the results of your group?
- Is there additional clarification?
- What does this say to you?
- What is the message to the community?

District Vision and Mission

Always an ongoing discussion

Lake District Mission and Vision

Mission

The Tainter Lake Rehabilitation District is striving to improve the water quality, practice natural resource conservation, and protect Tainter Lake from natural and man-made threats. The restoration of Tainter Lake will be accomplished through a commitment to planning, balancing resource management with sustainable conservation practices, and community education.

Vision

It is the vision of the Tainter Lake Rehabilitation District to restore Tainter Lake to a healthy lake sustaining diverse aquatic habitats by improving water quality.

Discussion

Guiding questions:

- What is the Mission for the TLRD?
- Is it current or relevant?
- Does it need to be modified or changed?
- How are we connecting the strategic plan to the vision?