



Advisory Board Newman Lake Flood Control District

SUMMER MEETING

June 2, 2019

AGENDA

AB Business Meeting

- Introductions/Meeting Etiquette/Accomplishments
- Water Quality and Equipment
- Equipment Status and Capital Budget
- Milfoil Update
- Budget Update

Community Information

- NL Safety and Shoreline Erosion
- Honeymoon Bay Septic Update
- Petition Status Assessment Update
- The Future of Newman Lake: What's Next?

Question and Answer

Introductions & Purpose of AB Community Meeting

Advisory Board Members

- Karen Stebbins – Voting, Community Representative, 2020
- Lee Tate – Voting, Forestry & Agriculture, 2021
- Suzanne O’Connell – Voting, Open Classification, 2021
- Karen Taff – Non-Voting, Year-Round Lakefront, 2022
- Dennis Rewinkel – Voting, Seasonal/Lakefront, 2022
- Dan Clark – Non-Voting, Year-Round Secondary, 2021
- LeaAnn Gould – Voting, Seasonal/Lakefront, 2022
- VACANT -

*Advisory Board is made up of 5 voting members & 3 alternates or non-voting members

Q & A SESSIONS AFTER EACH TOPIC & AT END OF MEETING

*talking stick procedure

- The person with the Talking Stick is the only one speaking other than the Advisory Board members and presenters.
- No one interrupts the person who is holding the Talking Stick.
- If the person with the Talking Stick needs some time to think before s/he is finished, then everyone just waits until they're ready.
- When the speaker is finished they give the Talking Stick back to the moderator.
- The next person talks and so on until everyone has had their turn.
- There will be a 3 minute time limit per person.

2018 Advisory Board/Community Accomplishments

The Newman Lake AB and Community in concert with county staff and elected officials (Senator Padden, Commissioner Kerns and many others) accomplished:

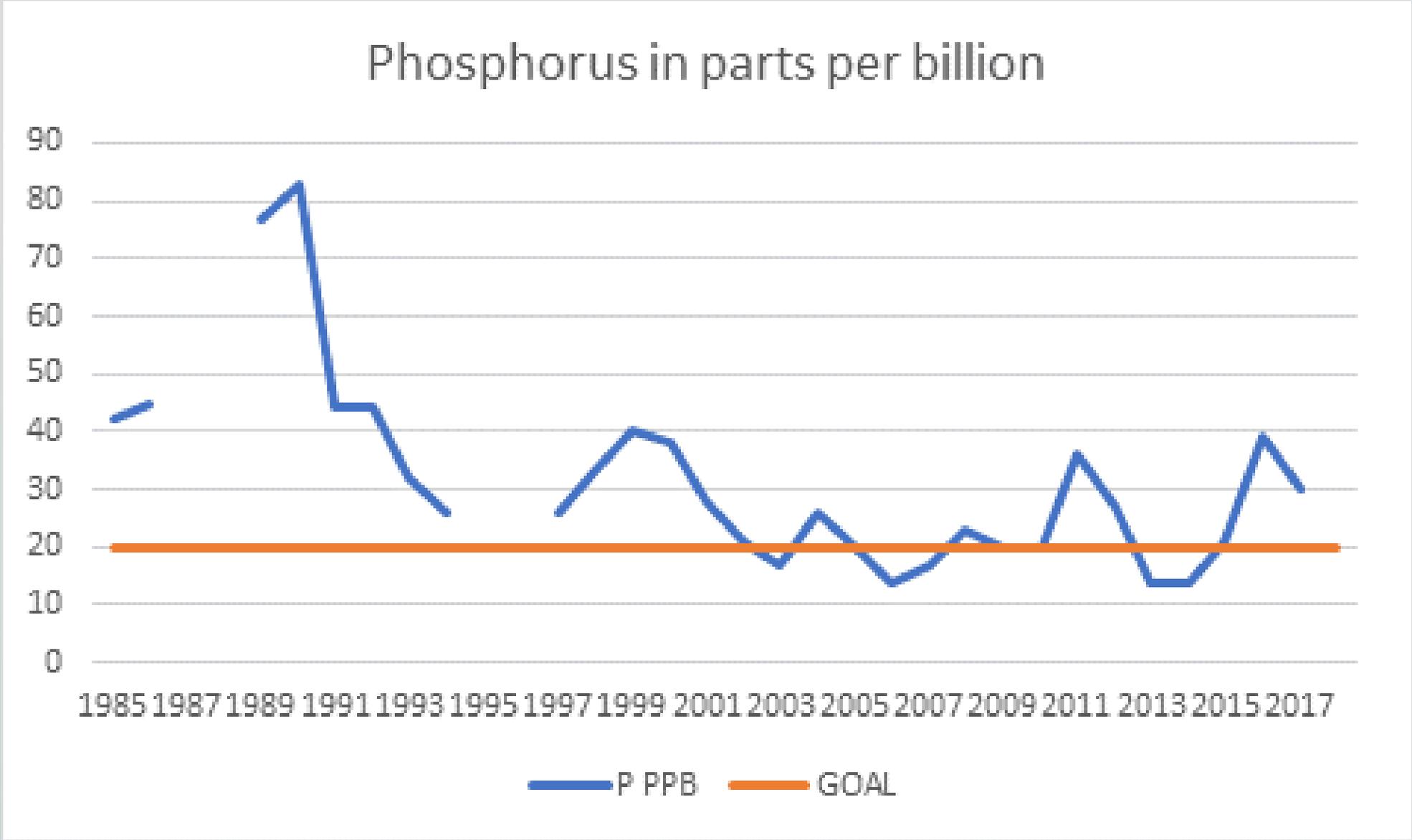
- \$415,000 in state funding for repair/replacement of water quality equipment.
- Brought lake monitoring/sampling in alignment with requirements; this required a change in contractor and saves the district \$20,000.
- Created and implemented lake level, Oxygen, and Alum equipment operation guidelines that will save \$10K per year and create a clearer lake by switching on and off these systems based on real time data.
- Driving the budget process to the county rather than being a rubber stamp at annual summer meetings. Cut County proposed budget by \$55K in 2019.
- County staff applied for and NL received a grant for invasive species abatement.
- Created Advisory Board by-laws for how to operate, represent the community, and interface with staff.
- Took control of planning and presenting understandable and honest lake status reports at community summer meetings.

*THANK YOU to anyone and everyone who has been a part of the above accomplishments . . . WE KNOW WE STILL HAVE A LONG WAY TO GO

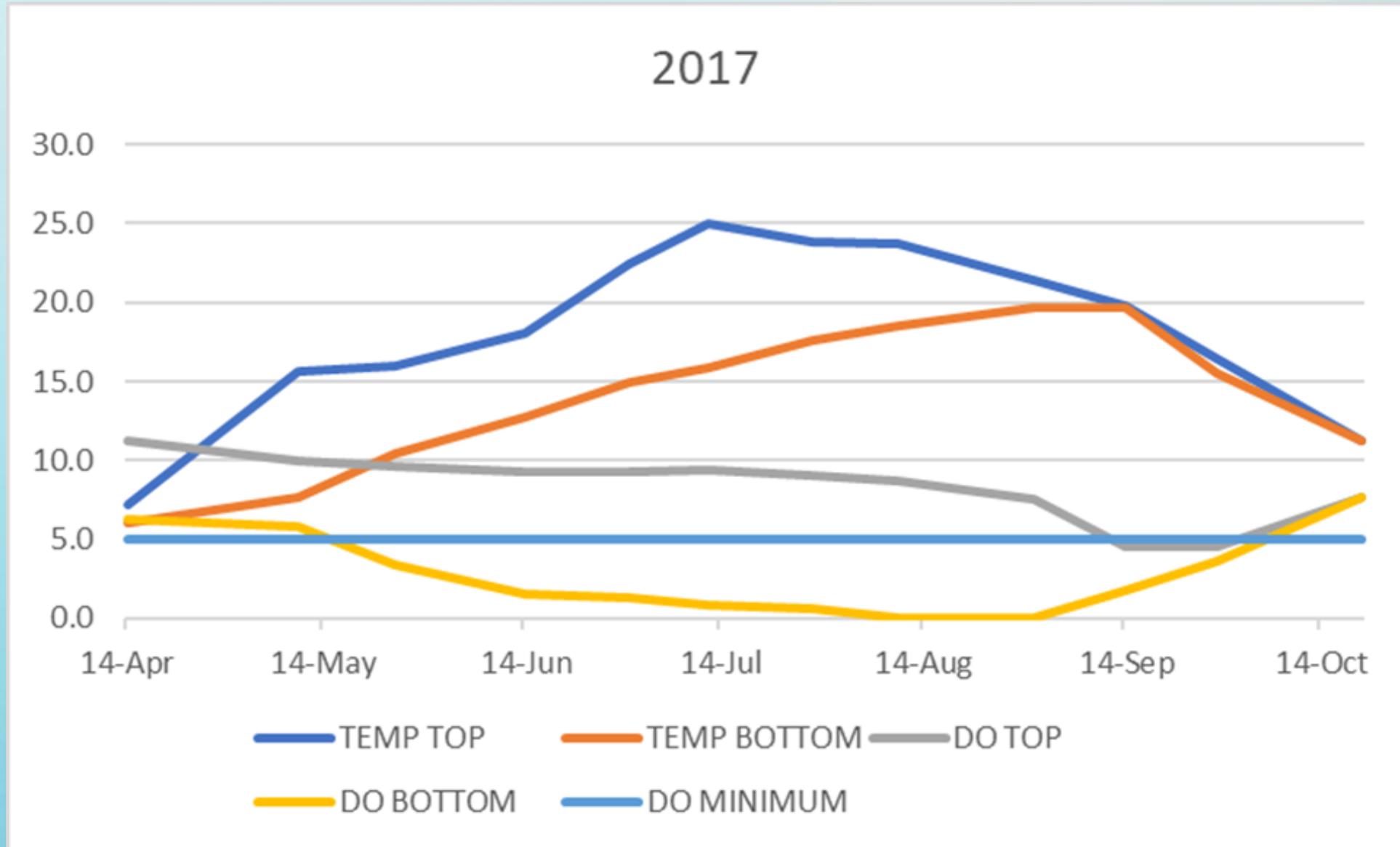
A serene landscape of a lake surrounded by forested mountains under a hazy sky. The water is calm, reflecting the surrounding greenery and the soft light of the sky. The mountains in the background are partially obscured by a light mist or haze, creating a sense of depth and tranquility. The overall color palette is dominated by soft blues, greens, and greys, contributing to a peaceful and natural atmosphere.

Newman Lake Water Quality & Equipment

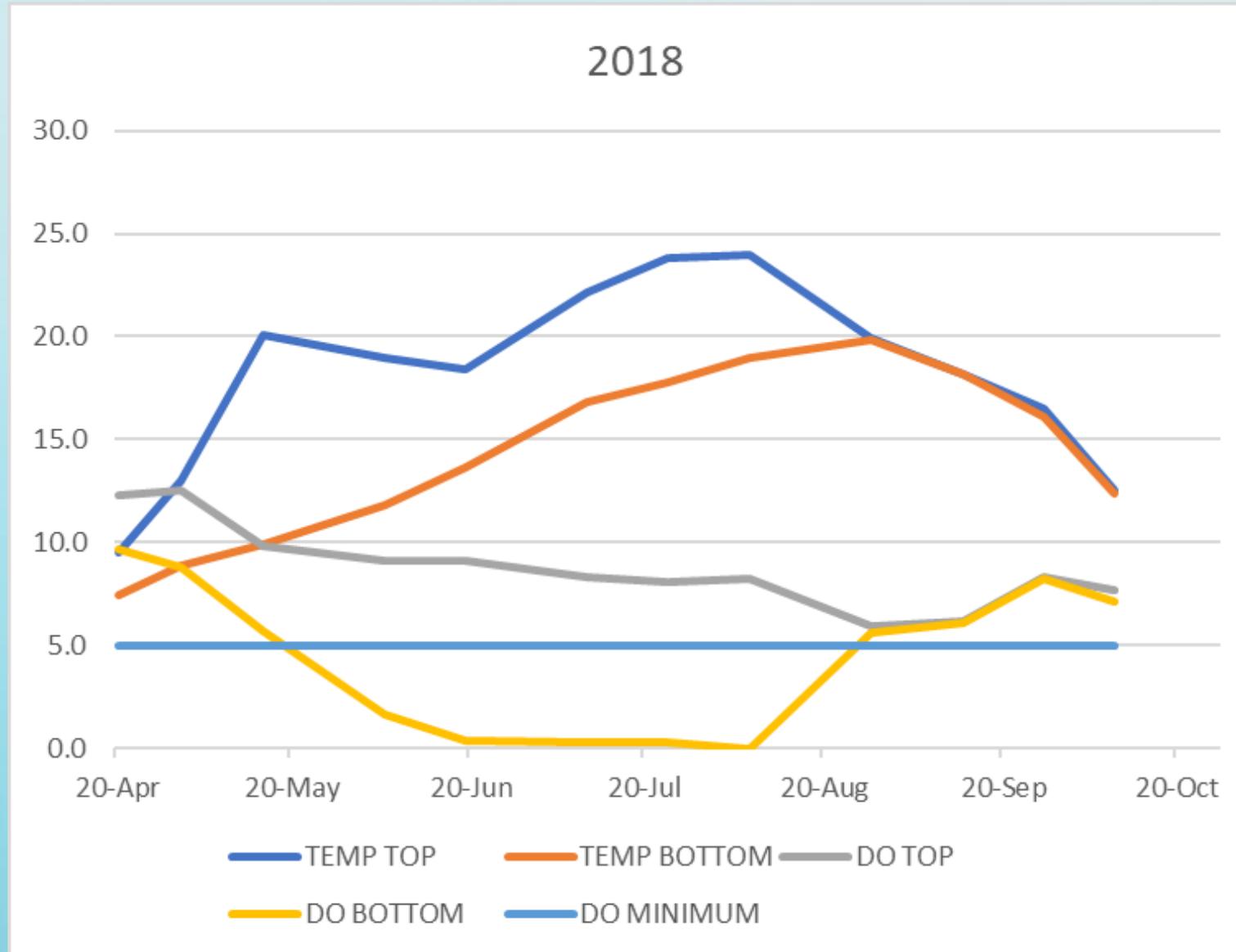
Lake Phosphorus Levels:



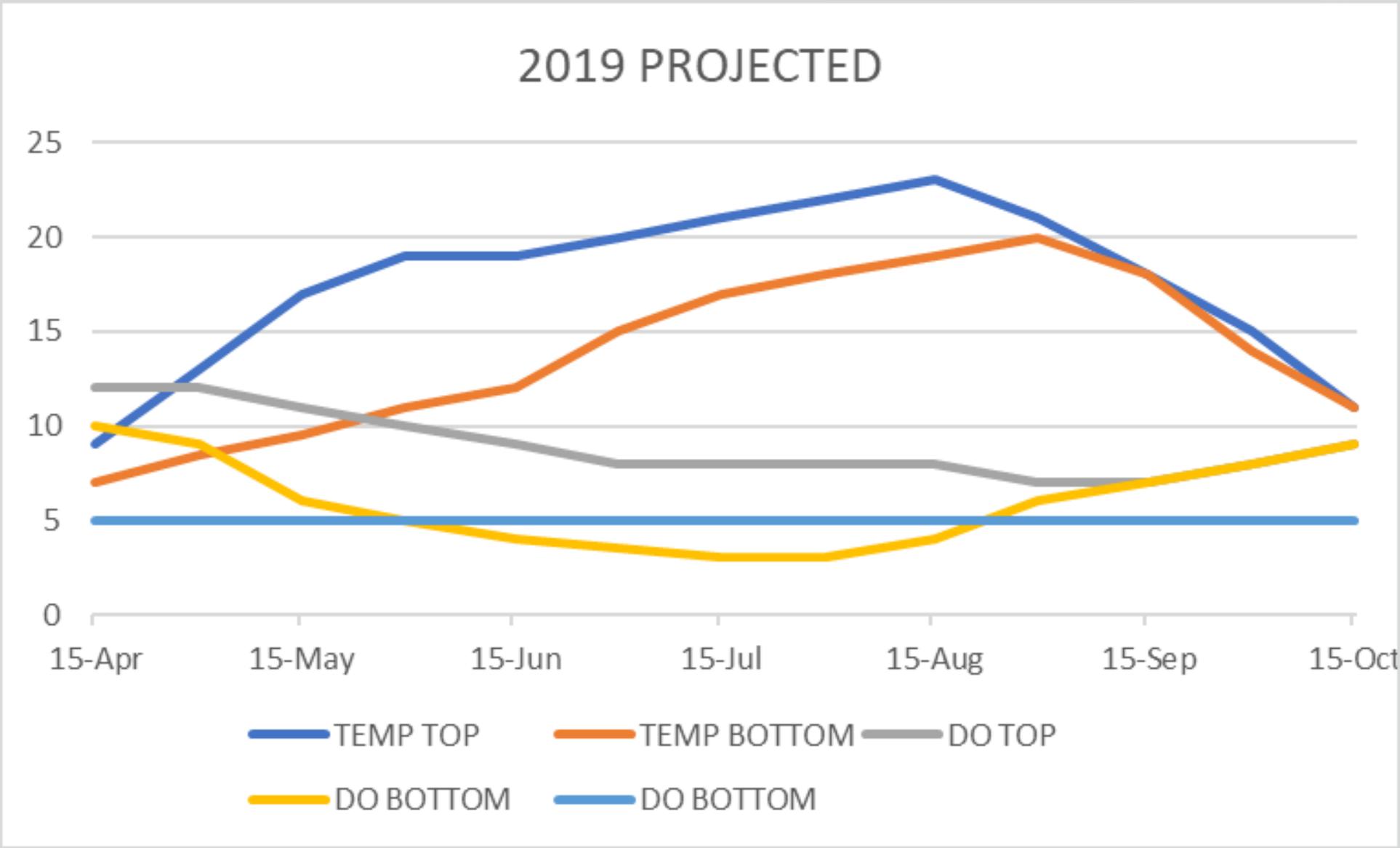
Temp & Dissolved Oxygen(DO) 2017



Temp & Dissolved Oxygen(DO) 2018



Projection: Temp/DO for 2019



NEWMAN LAKE EQUIPMENT & LAKE LEVEL OPERATIONAL PARAMETERS

- LAKE LEVEL MANAGEMENT
- ALUM SYSTEM OPERATION
- OXYGEN SYSTEM OPERATION
- DITCH/CHANNEL OPERATION

Typical expected operational dates:

ALUM

- ON mid-April
- OFF mid- to end of May
- ON mid- to end of August
- OFF mid- to end of September

OXYGEN

- ON mid- to end of May
- OFF mid- to end of August

EQUIPMENT STATUS & CAPITAL BUDGET IMPACTS

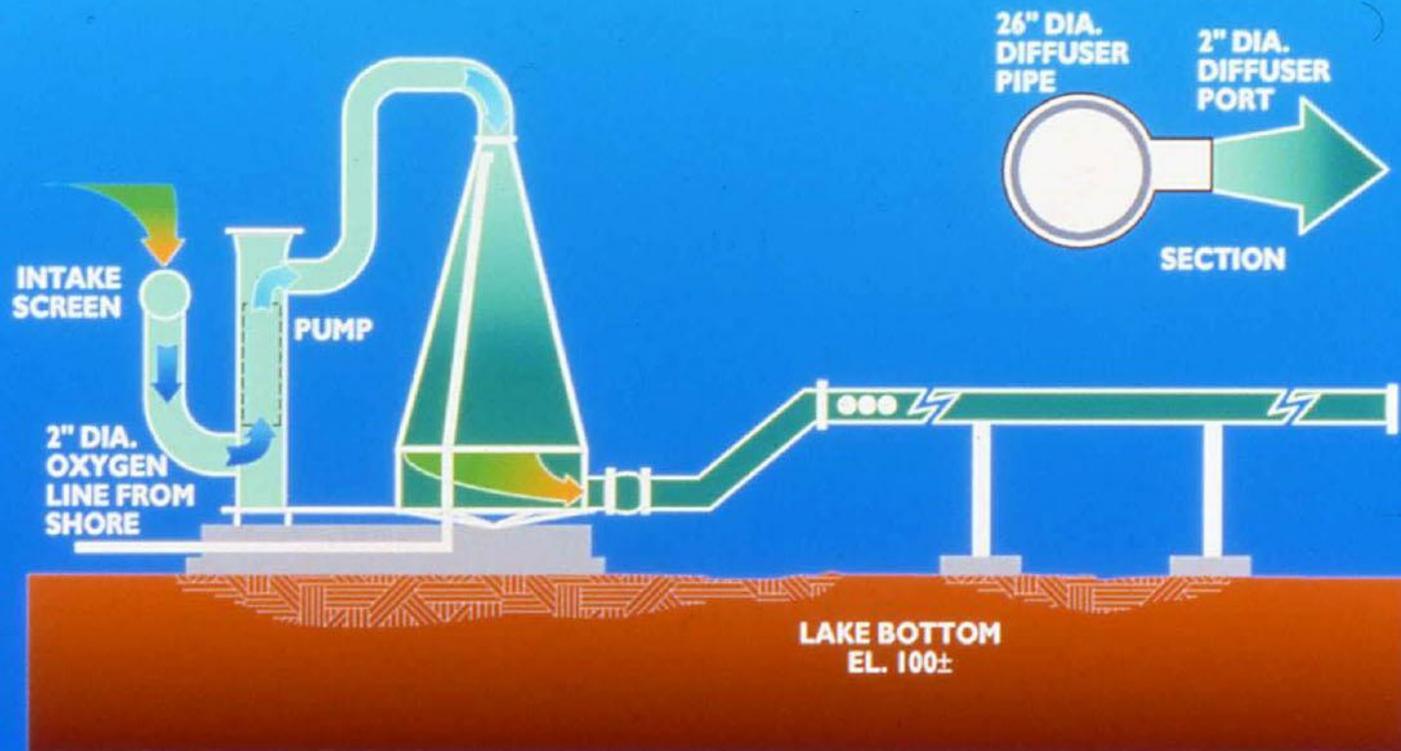
- Background
- Recent Realizations
- Task Listing and Prioritization
- Funding
- System Review

Speece Cone

CAMANCHE HYPOLIMNETIC OXYGENATION PROJECT



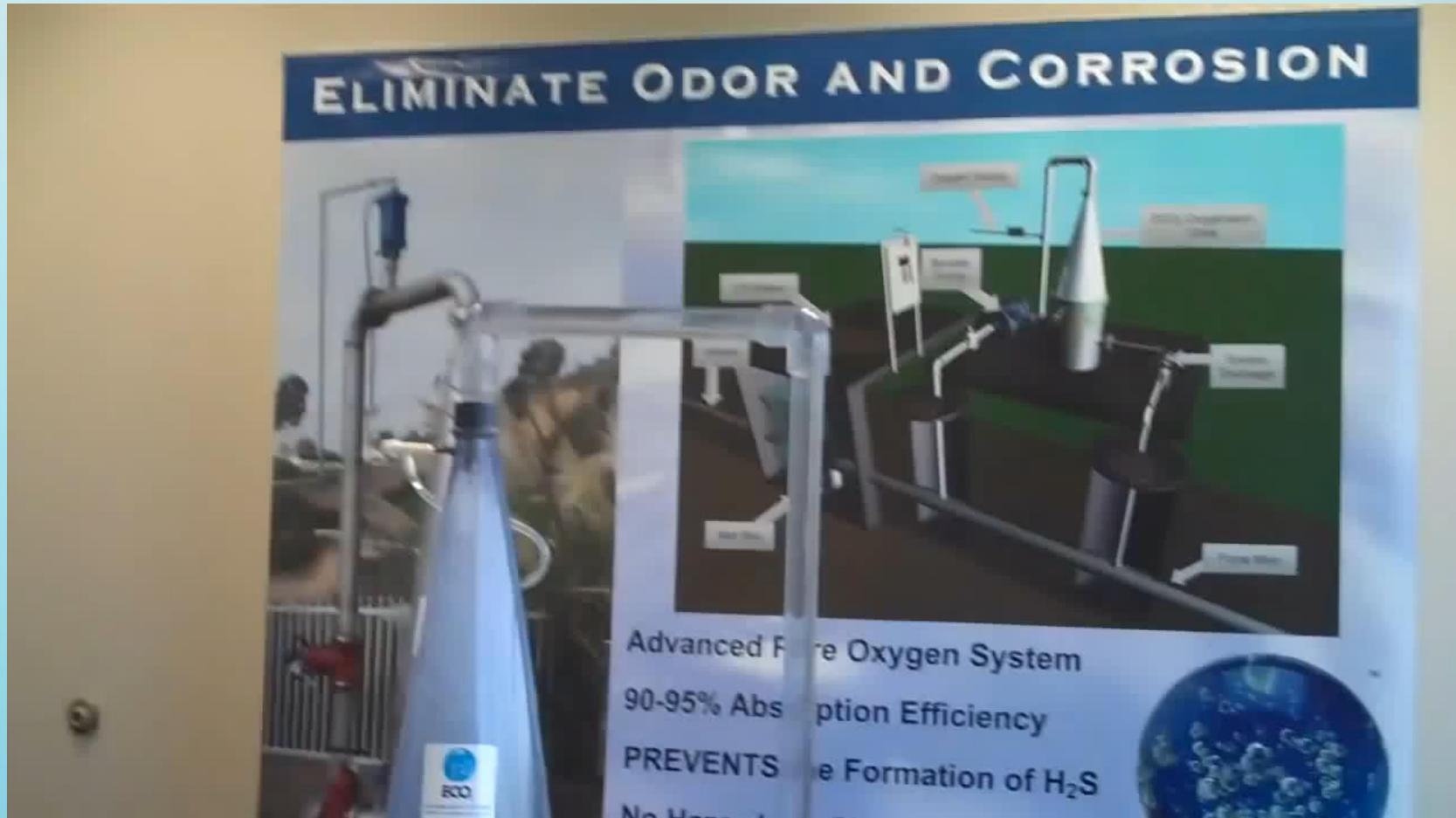
SPEECE CONE & DIFFUSER PIPE DETAIL



Courtesy of Rod Jung



EQUIPMENT STATUS & CAPITAL BUDGET IMPACTS cont . . .



EQUIPMENT STATUS & CAPITAL BUDGET IMPACTS cont . . .

- Priority 1: Pump Refurbishment
Seal Repair
Configuration Verification
- Priority 2: AIRSEP Replacement
Holdup Tank Addition
- Priority 3: On-Shore Pump System Redesign
- Priority 4: Alum Line Replacement
- Priority 5: Control Gate / Channel Gate Maintenance
- Priority 6: Miscellaneous Projects

MILFOIL UPDATE

The latest news on current treatment: Just occurred the past two days!

New Chemical to treat milfoil available: <http://procellacor.sepro.com/> Reduce risk To Our Health, Nontarget Plants, And Our Water Supply. Even the EPA says ProcellaCOR is “practically non-toxic” to animals and humans. But more expensive, must use their certified contractor. County may do a test location next year.

Don't cut aquatic shoreline vegetation – if you see it floating please get it out of the lake! Noxious weeds such as Eurasian watermilfoil and Curly Leaf Pond Weed can re-populate shoreline areas from just one small fragment.

There is a Pamphlet Permit from State Fish and Wildlife. The link to the WDFW Pamphlet Permit is below:

<http://wdfw.wa.gov/publications/01728/wdfw01728.pdf>

BUDGET UPDATE

- The AB presented the first draft for \$214,000 of the ZD budget to District Staff March 15, 2019
- The ZD staff decided to wait to see if Capital Budget request would occur before working on budget because it would need to be redone if awarded. That occurred April 29, 2019
- Two months later ZD staff has not returned a budget response to the AB. But the staff delay saved time as we just received news of Capital Budget process and it requires a rewrite of the budget since funds need to come out of the ZD budget to manage the grant monies. Capital budget monies only go towards bricks & mortar.

AB BUDGET GUIDELINE

- AB receives actuals from staff from previous year
 - AB decides priorities for the following year
 - AB prepares cost estimates for changes from prior years
 - AB assigns member to interface with staff
 - Member presents AB input to staff
 - Preliminary budget developed
 - AB reviews preliminary budget, requests changes
 - Final proposed budget prepared
 - Post budget on community and county websites with request for input from community within 4 weeks
 - AB contacts constituency and presents budget
 - Conduct summer community meeting and present budget
 - Process all community inputs
 - AB creates final input to staff for budget
 - Budget blessed by ZD
 - Budget blessed by BOCC
- End of January
February
February
February
March
April
April
May
May

May
July
August
September
October
October

NL SAFETY & SHORELINE EROSION

An ordinance/pilot program is being considered by the BOCC to limit creation of wakes on smaller lakes.

Ordinance is not looking at banning wake boats, but size of wake the boat makes.

For **Summer 2018**, Newman Lake had the most calls to the Sheriff's office mainly due to safety concerns pertaining to wake height.

Pilot Program being proposed.

- Focus on one lake, most likely Newman Lake due to number of calls pertaining to **safety** concerns created by wake height.
- Monitor for 2 seasons collect specific developed criteria to help support ordinance specifically regarding safety issue.
- By June 28, 2019, Spokane County will be contacting Department of Ecology and Conservation District to set up meeting to discuss what they can and cannot do and what specific information can be actually gathered to see what causes **soil erosion** at Newman Lake, i.e. height/power of boat waves, wind, higher water level, etc. in order to support ordinance and would they assist with analysis of data collected.

*Call Marine Enforcement Deputy J. Ebel at 509-477-7608 or Ron Valencia, Josh Kerns Executive Assistant, with complaints at 509-477-2267

HONEYMOON BAY SEPTIC STUDY UPDATE

- Could not find land for the first option
- Does not include stormwater runoff
- Looking at system from Biomicrobics
- DOE gave us permission to do 2 to 3 pilot systems without having to have a district
- Interested property owners will have to apply
- Current delay
 - Finding an entity to monitor the pilot systems
 - Getting a permit from DOE and Regional Health
- Should have a meeting with the Honeymoon Bay working group in the next month

HONEYMOON BAY SEPTIC STUDY UPDATE

I. Dept. of Ecology (DOE) Cynthia Wahl:

- Spokane County Conservation District (SCD) still has the grant money available.
- Belsby Engineering has completed the feasibility study.
- DOE is working through the cultural resource review process which requires monitoring for Indian artifacts etc. when breaking ground.
- Biomicrobics met the requirements and worked with the Dept. of Health to step down from a Class A to a class B water classification which does not require turbidity monitoring.
- SCD employees identified several homes in HM Bay that could be in the pilot project.
- Spokane County Health does not want to be involved because they are understaffed.

II. SCD Walt Edelen

- The DOE will decide the amount of monitoring that will be needed for class 3 certified wastewater.
- DOE is working with the Biomicrobic's Kansas office to try to get them to donate services for the pilot projects in HM Bay.
- The earliest that the pilot projects will break ground will be this fall.
- DOE has the purse strings now to proceed and SCD has to abide by their grant.

III. From SCD Lindsay Chutas

- SCD is working with DOE and Biomicrobics to kick off the pilot project.
- Ecology is developing its monitoring criteria for pilot systems.
- The SCD still has the funding to implement the pilot projects.
- The development of the pilot project is proving to be extremely slow.

IV. The 'Honeymoon Bay Wastewater Feasibility Study' report

www.newmanlakewa.com/index.php/honeymoon-bay/
on the Newman Lake Property Owners Association Website info@NewmanLakeWA.com

PETITION STATUS ASSESMENT UPDATE

Flood Control Zone District Assessment Re-Evaluation Update

- Senate Bill 5543 (July 2017)
- Petition Submittal (February 2018)
- Signatures Validated (May 2018)
- Contracting three “Appraisers” (Scheduled for March 2019)
- Benefit Analysis / Creation of Assessment Maps (Scheduled for September 2019)
- Revised and Adopted for the 2020 budget year (BOCC commitment)

LOOKING TO THE FUTURE

Recent Progress / Review

Expanding Relationships

- Community
- Advisory Board
- Board of County Commissioners
- Legislators
- Regulators
- District Administration / Staff
- Other Lake Communities

Overall Perspective

LOOKING TO THE FUTURE

Community Involvement / Initiative

- Water Quality/Waste Treatment – In-Work
- Fair & Equitable Assessments – In-Work
- System Operating Parameters – In-Work
- Return Equipment to Operating Specifications – In-Work
- Revise Sampling Procedures to Match Requirements – In-Work

Community Goals / Long Term Actions

- Water Quality Improvement
- Reduction of Nutrient Inflow
- Cost Effective Operations

LOOKING TO THE FUTURE

Option 1: Newman Lake Flood Control Zone District (No Change)

- Demonstrated Performance
- Flood Control Focus
- Water Quality Improvement
- Responsiveness
- Long Range Planning
- Community Interface

LOOKING TO THE FUTURE

Option 2: Modify an Existing District

- Existing Structure
- Local Board of Directors
- Cost Efficiencies

LOOKING TO THE FUTURE

Option 3: Create a New District

- Water Quality Focus
- Local Board of Directors
- Capability to Manage Wastewater Systems
- Common Resolution
- Cost efficiencies

LOOKING TO THE FUTURE

Option 4: Incorporate Newman Lake

- Long Term Implementation
- Major Cost Impacts
- Inconsistent with Community Desires

Q & A SESSION

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**NLFCZD AB Community Meeting
Wednesday, June 27, 2019**

| Name | Address | Email Address or Phone if No Email Address |
|------------------------------|---------------------------------------|---|
| 1. Ann Martin | | |
| 2. Kim + Elaine Jones | | |
| 3. Dennis + Sherri Runkel | | |
| 4. Tom + Karen Stebbins | | |
| 5. Dan + Gloria Clark | | gclark@air-pipe.com |
| 6. ROSALIE ALLAN | PO BOX 116 NL | rallan7@msn.com |
| 7. Denise Duran | 8727 N. Oakland Rd Newman LI 99025 | dduranbl@comcast.com |
| 8. KAREN TAEF | | |
| 9. Suzanne O'Connell | | |
| 10. Danny + Shelby Heiderman | | talley.shelby@gmail.com |
| 11. Alan JURIS | P.O. Box 387 | ar969701@gmail.com |
| 12. LeAnn Emed | | |
| 13. Richard Rickett | 12801 East Newman | |
| 14. Angie Sparkes | 11510 Honeymoon Bay | |
| 15. Stephanie Kennedy | 11401 Honeymoon Bay | |
| 16. Bob + Durno Rainville | 13327 N Peninsula Dr. | rrainville2@msn.com |
| 17. JEFF CLARK | | |

**NLFCZD AB Community Meeting
Wednesday, June 27, 2019**

| Name | Address | Email Address or Phone if No Email Address |
|---------------------|-------------------------|---|
| 18. Bill Boyerson | 13201 N. ANNISUR DR | j.boyerson@frontier.com |
| 19. Wendy Jackson | 16501 N West Newman Dr. | wjackson13@icloud.com |
| 20. MARIANNE WOOD | 12912 N. NORTH PARK | m.uit.v@comcast.net |
| 21. Gerald THOMPSON | 13213 NE Nowman Lake | gerald.a.thompson@gmail.com |
| 22. Scott Krentel | 125.5 NE Nowman Lake | thelandingNL@gmail.com |
| 23. Frank Trapp | | fetrapp@mindspring.com |
| 24. DANIEL ONEILL | 14318 N. Meadow Lane | doneill@aol.com |
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