

LMCPC Board Meeting

Meeting Minutes

November 17, 2017

I. Board Members Present: Jason Battles, President; Jackson Beard, Vice President; Joe Connell, Water Master; Barbara Garnish, Secretary; David Irion, Treasurer; Kelly Russell, Trustee; Julie Heimbigner, Trustee

II. Employees Present: Sue Beauvais, Carl Mueller

III. Members Present: Bill Kreutzberg – lot 187/8, Deloa Parrish– lot 69, Tom Sinclair lot 194, Kurt Watson – lot 72, Andrea Lewicki - lots 27/28, Randy/Candy Garl – lot 105.

IV. Call to order

called to order the regular meeting of the LMCPC at on at the BAB (lot 194).

I. Approval of minutes from last meeting

minutes from the last meeting. The minutes were approved as written.

I. Monthly Financials

Jackson moved, Kelly seconded

Discussion:

It was noted supplies/misc went up significantly from last month to this month. David pointed out the list of checks written during the month on the second page of the financials. He also indicated we are likely to see additional expenses in the next couple of months from costs associated to our Ph issues.

Financials were approved as submitted.

I. Water Manager/Water Chair

- Joe reported the Ph has been consistently above 7 recently. Sometimes as high as 7.2.
- We are now in the 2nd stage of water sampling and are preparing to take official samples into AM Test. All samples have been collected per original plan.
- Carl and Joe have spoken to 2 Engineering firms and have received engineering quotes for Ph management system plans. Neither firm has submitted a hardware quote for their recommended solution. Manganese removal system was an option discussed with the engineering firms.

- Carl indicated he is hesitant to enter into any agreement with Eng. firm. Without any intervention last 2 weeks, Ph has stabilized.
 - Carl and the Assistant Water Master cleaned the whole intake and roughing filter system to remove Manganese 2 weeks ago. The effort took 30 man-hours over a weekend.
 - There was a question: did water saturation of manganese change with water temperature increase? Carl indicated that was possible.
 - There was discussion about how to prevent manganese from getting into the treatment system.
 - One engineering firm said perhaps sediment reached the intake from the lake and recommended raising the intake valve (foot valve). This would require an engineering pilot study. It is also possible to dredge around the foot valve but the inflow may pull manganese in again.
 - Another option discussed was a “Bag filter” which would keep manganese from entering the system but may create a daily maintenance issue.
- Carl mentioned that Ph testing during the last couple days was 7.11 and 7.19. He is calibrating the meter each time as per WA state rules
 - If there was a decrease in the Ph Carl indicated there were 2 ways to address it: caustic soda, which is expensive and dangerous to handle, or soda ash, which is inert.
 - We are awaiting tests results from several samples at the treatment plant and several additional residences. The goal is to use the test results to determine the best method of Ph management for us and to share the data with WA Department of Health.
 - The WA DoH Engineer says it is possible changes in the lake chemistry are causing our current Ph issue.
 - How sustainable is the clean out of the inlet system through the roughing filters? Carl indicated we would likely have to do it quarterly
 - It was asked, if we dredge around the foot valve, could we deal with water nymph? Other water nymph options like pulling it up in spring or perhaps oxygenating the lake were mentioned.

- d) Most immediate need is to pass lead and copper sampling before end of December to meet state testing requirements.
 - Additional testing for lead and copper were done and submitted at houses around the lake that fell into the pre-1987 build timeline.
 - Spoke to DoH about sample set. The 3 failures will not be able to be removed from test. Our results have to have 90% or above of the samples coming back below the actionable limit = 27 must pass. Want to get ~37 samples just in case of any unanticipated outliers.
 - Joe explained how lead and copper could leach. Lead solder was used in pipes of houses constructed until ~1987. (Copper continues to be used in residential plumbing.) Our distribution system is all PVC piping.
 - To gather the additional samples, Joe and Jason plan to do random sampling. They have identified as many homes within the pre-1987 parameters as possible in the test pool (at least 7). There could be homes with galvanized plumbing, which would be even less predictable results because of potential leaching from those pipes.
 - Samples have to be tested and results given to DoH by end of year. Current sampling included some investigative tests. Steve from DOH recommended that we do pretesting before our retesting.
 - Randy Garl asked, ‘so you are taking more tests to “rig” the results?’ Joe responded we know the Ph is good now. But we are over-testing to decrease our likelihood of failing as the result of an outlier. DOH recommended oversampling.
 - Deloa asked if results would be shared with homeowners. It was confirmed that homeowners will receive their test results. But the board cannot provide homeowners results to everyone else.
 - It was asked if the Ph issues are a secondary effect of manganese? Carl said, yes, roughing filters get clogged and there is less access to the limestone Ph management system. It was mentioned that the old Asbestos Concrete distribution pipe was a Ph buffer too. It was also noted that we have always done pre-treatment Ph management but most other systems do post-treatment management. In fact, when discussing our Ph issues with the engineering firm we used for replacing our water main, NW Water realized removing the Asbestos concrete pipe could impact Ph. Water chemistry in the lake has changed too which impacts the flora and fauna and then impacts chemistry. We are continuing to look at why it happened and what we can do about it.

- Bill asked how the cleaning of the intake and roughing filters was done. Carl indicated it was primarily done using pressure washing. There was some backwashing in the inlet system. Carl indicated this kind of clean-out of the inlet and roughing filters has been done annually but this year it was increased to every 6 months. Work done 2 weeks ago went beyond the usual clean out procedures.
- e) Joe noted his and Carl's focus until December 31 would be on passing the sampling test. Deciding which engineering firm to work with and which implementing one of the plans will likely happen no earlier than March or April of next year.
- Where do we test? Right after treatment and at the end of the line. And now at houses as part of our standard testing program. Carl tests Ph at the treatment plant daily and at a Sampling Station on the north end of the lake weekly.
- It was mentioned that Meredith asked for testing at last meeting. We did multiple samplings at her house and have given her the results of those tests.

II. Community Resources

- a) Jackson reported the lock bid from Bulger was over \$2,000. We will get a competitive bid and Jackson will see if we can access Urban Areas Initiative grant monies to reimburse the cost. Keys will be in a tiered system and cannot be duplicated.
- b) Email for the board is setup and we can forward it to our mail system.
- c) Jackson cut off the pilings at the swim lot to make a picnic table.
- d) We need to schedule a volunteer work party to clean up the fishing lot on the east side of the lake and fix the dock there. There is Bamboo on that lot that is very tough to remove. Jackson is planning to cut the bamboo down and then use stump killer to remove it. Jackson said he would talk to Brian Pugh about how he removed it from Deloa's property. Someone suggested renting goats to eat the overgrowth on the fishing lot but the cost is \$600/day.
- e) Deloa mentioned that the shelter on the swimming lot received a first coat of sealer but we need to schedule a work party in the spring to get a second coat. The interior rafters were not sealed because a taller ladder was needed.

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I. Webmaster

- Newsletter is coming out in December. Please send input. Cutoff 12/1/2016 has to be in the printer's hands by 12/5. Should we do an article on winterization of pipes?

II. New Business

- File cabinet downstairs of stuff that need to be gone through by Secretary based on retention schedule. We are not a public entity so retention schedule does not apply to us. However the retention schedule is a best practice. Exception is where public regulation covers what we do.
- Have we looked into ebilling and epayments? Ends up being more of a headache. Have to have software and pay fees to do it. Do an article in newsletter about setting up auto payments.
- Next meeting 1/30/2017
- Discussion about who wants to take a bottle for testing.

III. Executive Session

We received and evaluated complaints brought against an employee.

I. Adjournment

adjourned the meeting at 9:44 pm.

Submitted by Barbara Garnish