

**MACKAYE HARBOR WATER DISTRICT
BOARD OF COMMISSIONERS
MINUTES
April 15, 2019**

CALL TO ORDER

The Board of Commissioners for MacKaye Harbor Water District met in regular session on April 15 at the Lopez Island library meeting room. Chairman Olson called the meeting to order at 5:15 p.m. Present were commissioners KC Jennings and Dean Anderson, manager Wayne Haefele, clerk Helen Cosgrove, water operator Stanley Arnott and guest Linda Noreen.

REGULAR BUSINESS

A. Approval of April 15 Minutes

Olson moved, seconded by Jennings to approve the minutes of the April 15 meeting as presented. The motion passed unanimously.

B. Approval of Vouchers and Payroll

Cosgrove distributed the claims payment request form; additional expenses included invoices from A & A Well Drilling and the state auditor's office. Cosgrove explained that the auditor's office decided not to bill the full estimate of \$5,500 and would only bill \$3,453.45; in the future the auditor's office explained, they will look at the amount they are billing relative to the revenue of the district being audited as a result of comments made during last month's exit conference. Jennings moved, seconded by Anderson to approve payment from the general fund vouchers in the amount of \$7,966.81 and \$600.00 and payroll in the amount of \$384.00. The motion passed unanimously.

C. Financial Report

Cosgrove distributed the fund report; reported there is currently \$42,000 in the fund, transferred \$5,000 from the investment pool, have collected 50% of budget and expended 28%. Jennings asked where the Dept of Health invoice would be categorized. Cosgrove replied probably professional fees.

D. Manager's Report

Haefele was not in attendance. (ferry late)

E. Commissioners Reports

None

F. Public Comment

Noreen asked how much the auditor's invoice was reduced to. Cosgrove replied that it was \$3,453.45.

The sanitary survey was discussed with Arnott. The report had a significant finding regarding the corrosion in well #1 casing that needed repair and to control the cause of the deterioration. Arnott explained that bleach was poured into the well after checking the static level by a prior water operator; bleach causes oxidation, leading to the corrosion; Arnott had stopped that practice but the damage had been done.

It's hard to say how far down the corrosion is because a lid prevents inspection. Olson asked about putting a liner in. Arnott said the DOH doesn't approve of that type of fix; a surface seal is now required and is difficult to do after the fact. Jennings asked if drilling another well was a solution. Arnott replied that it was and to abandon one of the existing ones; (Haefele arrived). Jennings asked if it would be better to increase the distance between the wells. Arnott confirmed that it would be better. Haefele said as a whole the inspection went well. Arnott said the significant deficiency needs to be addressed within 45 days and to inform the DOH of how the deficiency would be resolved.

The recommendations were reviewed and discussed. Arnott said that most would be easy to comply with or repair as needed: will post contact information at pumphouse and signs on the gate or fence around the well field; release valve can be reinstalled; will check existing lock at the pumphouse to see if it works, if not, will buy a new combination lock; the meter boxes under water cannot be corrected, have had no problems with flooded meter boxes in the past; the pressure tank could be corrected but it might create more issues. Haefele said he would discuss the tank and flooded meter boxes with the county Dept of Health officer.

There was discussion about the significant finding about the corrosion; Haefele read the section in the sanitary survey referring to the finding along with suggestions on repair. It was suggested to bust up the concrete, dig down 18", cut a hole in the casing and install a pitless adapter, use existing meter and set it up underground in the vault. Olson asked if the casing is corroded farther down, what is done then. Arnott said he would try this correction and if there are more problems, reassess the situation and possibly consider drilling a new well. Haefele said it was well #2 that the District felt needed to be repaired or replaced and the finding is regarding well #1; suggested correcting well #1 as best as possible and then replace well #2 and let the new well be the primary one. Haefele suggested pressure washing the inside of the vault, wire brush the casing, paint inside of casing white, paint the lid blue, install a vent and that should resolve the issue. By consensus, it was agreed to repair per Haefele's suggestion.

MANAGER'S REPORT

Haefele reported water use chart has been updated on website along with posting of minutes and agenda.

Contacted Len Volland re: new connection; spoke to him and his problem is one the district is also experiencing with other customers that use their water infrequently; sent him information about the district's costs to hookup and policies. He decided not to hook up to the District.

Had sent out copies of the statement of policies and draft water user agreements which consisted of the draft prepared by Haeefe along with Jonson's agreement and a modified version of Jonson's agreement; need to review and finalize both; concerned the customers may not want to sign it.

Has prepared a leak testing plan along with maps and sent to Arnott; need to find valves located on the map, need to find out what does exist and what doesn't and if they work; the various ones indicated on the map were discussed. Haeefe said that since the system is unlooped, start at the extremes of the district and work inwards to the wellheads; look for movement of water and not pressure. Jennings asked if additional gates should be installed. Haeefe said he had suggested replacing valves where uncertainty of location exists; did add one valve to isolate one section of the line. Movement tells you how much the flow is, some valves at meters may have small leaks which would give false leak information. Haeefe suggested running a trial test at the end of one of the branch lines on Salmon Point; determine if a good hydrostatic test would work, if not then install a bypass meter to test the line; if satisfied then install meters and bypass valves at needed locations.

Jennings suggested stopping replacing meters and resolve the leak issue first. There is about 25,000 to 30,000 gallons a month that is unaccounted for; represents a large percentage of winter water usage of 80,000 gallons a month. Olson says that preservation of the resource is important and the leak is a waste of that resource. Haeefe said there are two primary areas of concern, the Agate Beach line and a section along MacKaye Harbor Road where an existing 1500' line was used rather than installing a new line when the system was constructed. Arnott to proceed with testing.

G. Commissioners Additions to the Agenda

None

UNFINISHED BUSINESS

A. New Connection Agreement

Tabled to the next meeting.

NEW BUSINESS

A. None

Noreen asked about chlorine being used when testing. Arnott says he always chlorinates after testing.

ADJOURNMENT

There being no further business the meeting adjourned at 6:57 p.m.

Commissioner – San Olson

District Clerk – Helen Cosgrove