

Announcements

- The water system 30-Year Plan of 2018 requires an update every 5 years. In the next 12 months the water committee will be writing and the Board reviewing the 5-year update, which will be distributed to members in spring 2023. The update will be focused on (a) a more informed analysis of the three potential capital improvement projects and (b) re-evaluation of the dollar target for the water system capital reserve fund.
- The number of leaks and gallons lost to leaks per year is an important metric to evaluate the performance and status of maintenance of a water system. Due to the many system improvements that your water fees have enabled, the number of leaks have been reduced and leaks can be located faster.

<u>Water year</u>	<u>Number of leaks</u>	<u>Total gallons lost in leaks</u>
2017/18	6	940,000
2018/19	4.5	483,000
2019/20	3.5	210,000
2020/21	2	140,000
2021/22	1	18,000

- Do Not Use Water notices and Boil Water notices remain in effect until you receive a Problem Corrected notice via email from a water operator. During a Do Not Use period, do not use water even if you have running water. This avoids damage to the system, helps locate the leak, and is essential for effectively decontaminating all the branches of the system prior to a Problem Corrected notice.
- If you see a red flashing light on the pole next to the wellhouse, immediately call a water operator (Rick Welch, George Oja, or Fred Brockman). Make a special effort to talk to someone versus only leaving a phone message. Timely notification can be critical, particularly in the summer, to prevent the reservoir from running dry. Also be careful not to forget about a running hose as it can quickly run the reservoir dry.
- Conduct high water use activities such as watering your garden or grass, washing vehicles or power-washing, filling hot tubs, etc. after 8am and before 8pm (daytime). The pump controls are set such that minimal water use after 8pm helps us achieve a shorter water residence time in the reservoir and higher water quality at your tap.

Financials

Table 1. End-of-water-year balances.

	March 31, 2021	March 31, 2022
Operations account: Carryover line item	\$ 2,799	\$ 6,508
Operations account: Emergency repairs reserve line item	<u>\$ 8,122</u>	<u>\$10,000</u>
Operations account total	\$10,921	\$16,508
Capital reserve account	\$50,725	\$60,613

Table 2. Operating budget line-item report for the past 12 months (April 1, 2021 to March 31, 2022).

Line item	Budgeted cost	versus	Actual cost and explanation
1. Meter replacements	\$ 0	\$ 706	Purchase of 3 meter setters (not enough in inventory). Individual owners reimburse HLOA for meter and pay for installation.
2. Stainless steel ladder for inside of reservoir	\$ 700	\$ 555	
3. Replace damaged valve in main along Tamarack Rd.	\$ 1,500	\$ 0	Contractor not able to perform work.
4. Eight \$65 refunds to owners (for 1 hr labor to connect meter setter, per policy)	\$ 0	\$ 520	No budgeted cost due to oversight.
Planned projects subtotal (lines 1-4)	\$ 2,200	\$1,781	
5. Base operations	\$ 2,186	\$2,031	(\$1,299 electricity, \$297 water analysis, \$185 OAWU and OHA fees, \$135 pressure transducer, \$108 record easement with county, \$7 copies)
6. Unanticipated repairs	\$ 2,186	\$3,023	Three unforeseen issues encountered during meter upgrades -- these were on HLOA side (vs. owner side) of meter.
7. Emergency repair reserve contribution	\$ 1,878	\$1,878 approved contribution.	No use of emergency repair reserve funds in last 12 months.
8. Total *	\$ 8,450	\$8,713	

* Does not include the \$10,129 capital reserve contribution because it is not part of the Operating budget.

Table 3. Operating budget request and revenue request for water year 2022/2023 (April 1, 2022-March 31, 2023).

Category	Amount
Planned projects	\$ 5,628*
Base operations	\$ 2,252*^
Unanticipated repairs	\$ 2,252*
Emergency repair reserve contribution	\$ 0^^
Operating budget request	\$10,132
Capital reserve contribution	\$10,129*
Total revenue request	\$20,261

* Dollar values based on 30-Year Plan which provides for a 3% annual inflation adjustment.

^ 30-Year Plan allows up to \$2,000 for a part-time water system operator in the budget request, but system improvements and a stable census of full-time water users have so far made a part-time water operator unnecessary.

^^ This reserve is presently at the \$10,000 cap.

Table 4. Line item detail for the planned projects category in Table 3.

Line item	Budgeted cost	Notes
1. Two meter upgrades, which will complete the system-wide conversion to above-ground low-lead meters.	\$ 750	HLOA portion of cost.
2. Replace damaged valve in water main along Tamarack Road (from 3 years ago).	\$ 1,500	Valve is difficult to seal shut and operate.
3. Analysis by a hydrogeologist of the water source we use for 8 months of the year will provide a sustainable yield.	\$ 1,000	Will analyze 3 years of data collected by the down-hole sensor. Committee doesn't know enough to make an evaluation. Needed for 5-year update of water system 30-Year lan.
4. Install air horn for immediate notification of a low water alarm.	\$ 500	Flashing red light does not result in immediate notification, which risks emptying of reservoir.
Planned projects total	\$ 3,750	\$5,628 is requested for planned projects; planned projects total is \$3,750. The difference actually realized will become carryover that may be used to help fund the back-up power for the well.
(FYI) Back-up power for well	\$12,700	Committee endorses project. The cost makes it a capital improvement project to be funded from the capital reserve; planned projects category may contribute some funds. Board is evaluating whether/how to proceed.
(FYI) Weir and pipe to use stream water during a wildfire	\$ 6,500 Board decided the General account should provide funding because the project is not part of the domestic water system.	Board requested the water committee study the project, develop a cost, and make a recommendation. Committee endorses project and recommends it be conducted as soon as funding allows. Board is evaluating whether/how to proceed.