


LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

M E M O R A N D U M

DATE: JANUARY 28, 2020

TO: BOARD OF DIRECTORS
Lake Arrowhead Community Services District

FROM: 
CATHERINE CERRI, General Manager

SUBJECT: GENERAL MANAGER'S REPORT

A. RECOMMENDATION

This is an information item only.

B. REASON FOR RECOMMENDATION

This is an information item only.

C. BACKGROUND INFORMATION

District Update

Results from the tracer study are being compiled. The tracer was inserted in Village Bay where it mixed vertically through the entire depth. Very little of the tracer made it to the North Bay intakes but a significant amount appeared at the Emerald Bay intakes within 48 hours and then dispersed. Both intakes remained off during the study. All of the data still needs to be modeled into a hydrodynamic study to determine what the actual retention time would be if recycled water were added to Lake Arrowhead. Lahontan has requested a technical report of the study by June 30, 2020.

As stated in the Operations Manager's Report, District staff upsized the pipes and valving at the Hesperia percolation facility to help alleviate a bottle neck in flow during storm events. In the capacity analysis that was prepared for Lahontan, it was estimated that this project, along with an upsize of the pipe running through the dam, could increase capacity by 0.26 MGD. This additional capacity may have been enough to avoid one of the discharges that were seen last February.

On January 8, 2020, Webb & Associates, along with Kyle Groundwater, met with District staff to kickoff the Blue Jay Groundwater Well. The project will start with regulators to verify that the location is compliant and able to be permitted. The

equipping design will not begin until the well has been drilled and determined to be feasible before any additional costs are incurred.

Dudek has proposed a new concept to assist with wastewater treatment. This new technology would insert dissolved oxygen into an existing pond at the Willow Creek Wastewater Treatment Plant. Along with some pretreatment, this could reduce the strength of a large portion of the influent to the Grass Valley Wastewater Treatment Plant and may help support the process at the trickling filters. A cost estimate is being prepared.

The Administration and Finance departments have made a concerted effort to jointly process the destruction of a significant amount of old paper records. Over 100 boxes have been identified.

The Operations Department has selected Mica O'Connell to fill the Water Operations Supervisor position. The Field Operations Department promoted Nathan Porter to Wastewater Supervisor and Zachary Holmes, Ryan Lawler and Richard Pretzinger were promoted to Senior Field Operations Worker. Congratulations!

The next board meeting is scheduled for February 25, 2020.

Lake Update

As of January 20, 2020, the level of Lake Arrowhead was approximately 1.14 feet below full. Western weather forecasters have recently improved the odds that our area will see a normal amount of precipitation this year which is 35-40". There is a 95% probability that we will receive at least 75% of normal. So far this water year, the USGS rain gage at the Bernina Water Treatment Plant shows that we have received approximately 12" of precipitation.

D. FISCAL INFORMATION

This is an information item only.

E. ENVIRONMENTAL IMPACTS

This is an information item only.

F. ATTACHMENTS

None