



2018 Field Operations Year in Review

Liquid Assets Review:
from Source to Course

Source

Granlees Pumping & Diversion Station

- 2017-2018 Pumping Season: 2,165.5 Ac. ft. (705.6 MG) pumped
Started filling on Nov. 21, 2017.
- 2018-2019 Pumping Season: 304.1 Ac. ft. (99.1 MG) pumped *so far* this season (as of 1/24/19)

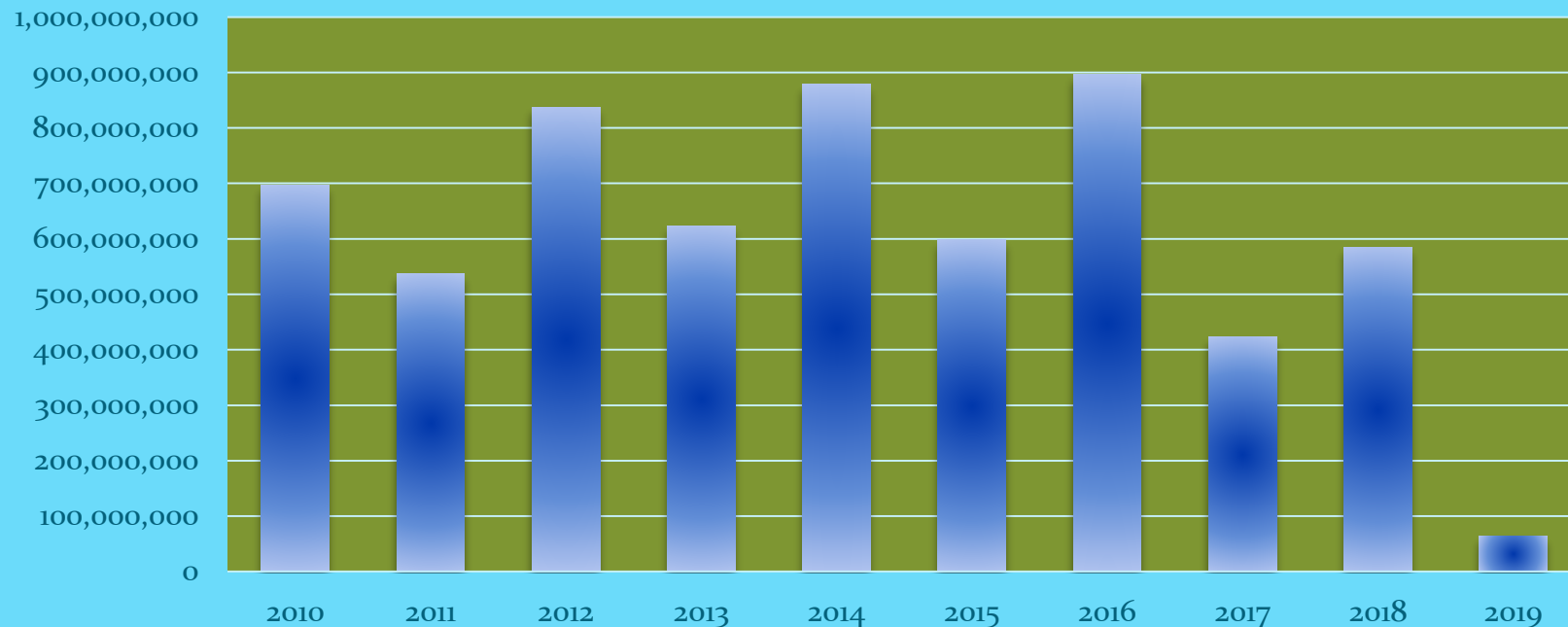
The District may pump water from the Cosumnes River from November 1 thru May 31 of each year for raw water storage. Amounts and times vary depending on river flow. River diversion through the Cosumnes Irrigation Association (CIA) ditch is utilized to convey water for downstream uses.

Granlees Pumping & Diversion Station



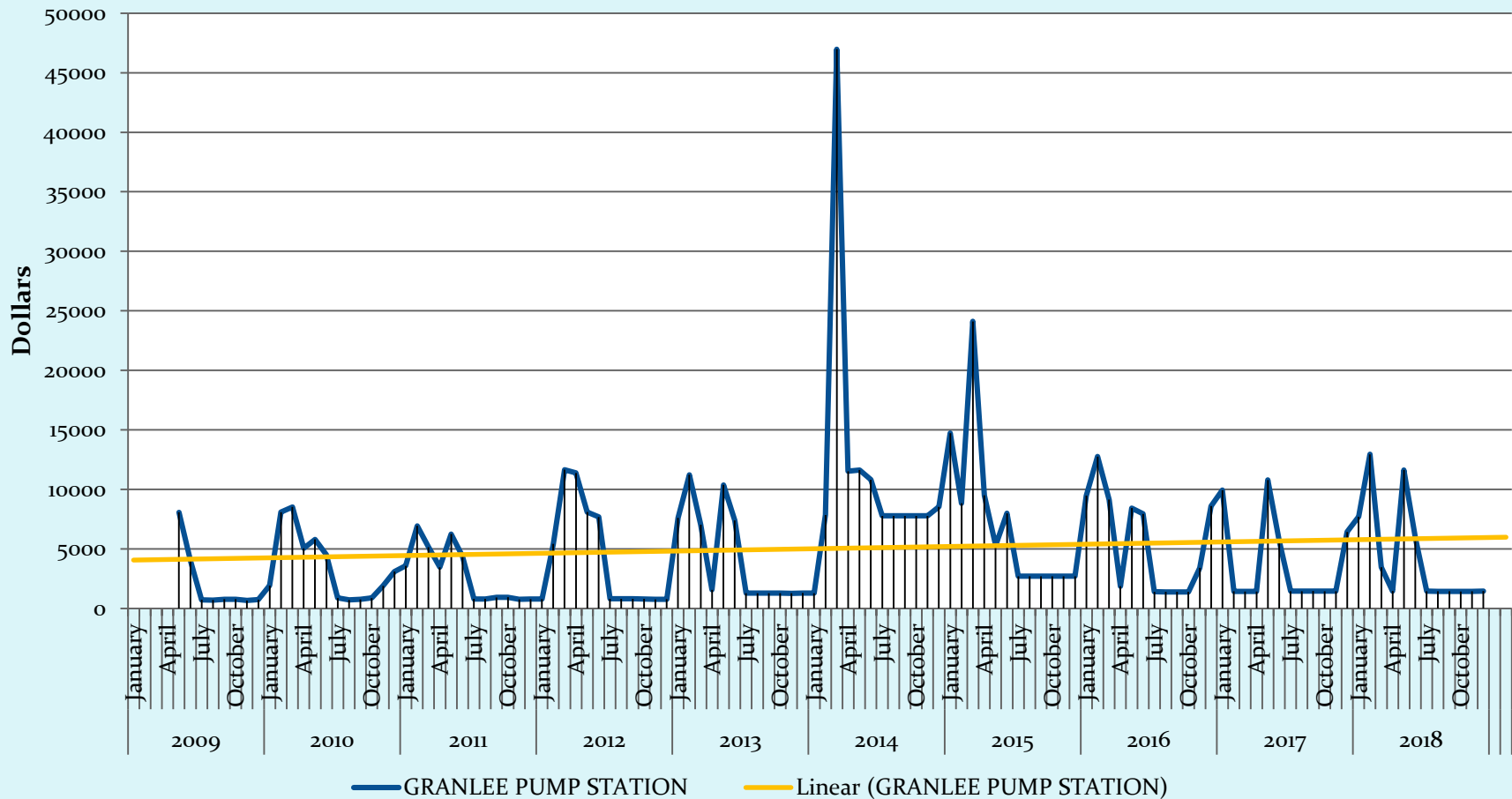
Annual Amounts Pumped from River to Storage

TOTAL WATER PUMPED FROM GRANLEES DAM TO STORAGE IN GALLONS



Water Pumping Costs from River

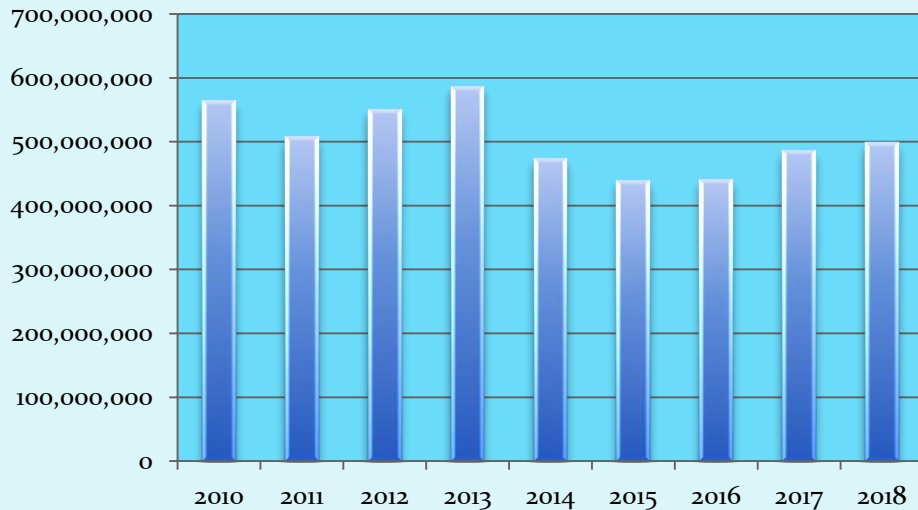
Granlee PS Electrical Cost (raw water pumping)



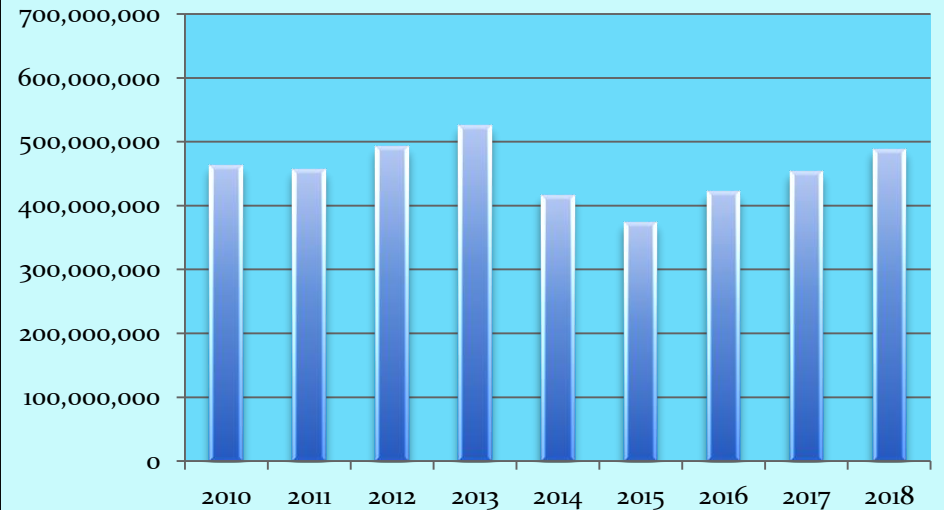


WATER

**TOTAL WATER PRODUCTION FROM
WATER TREATMENT PLANTS**



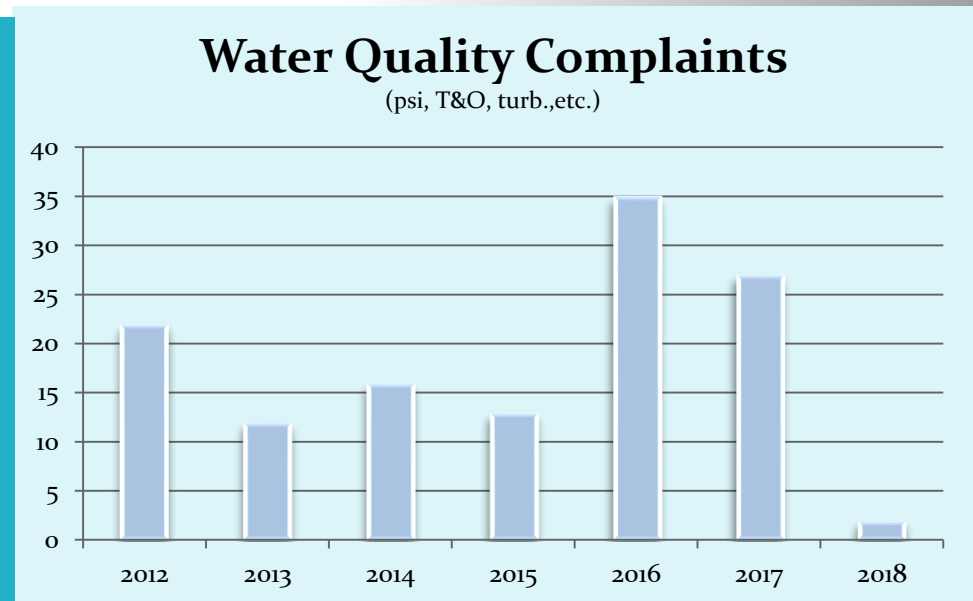
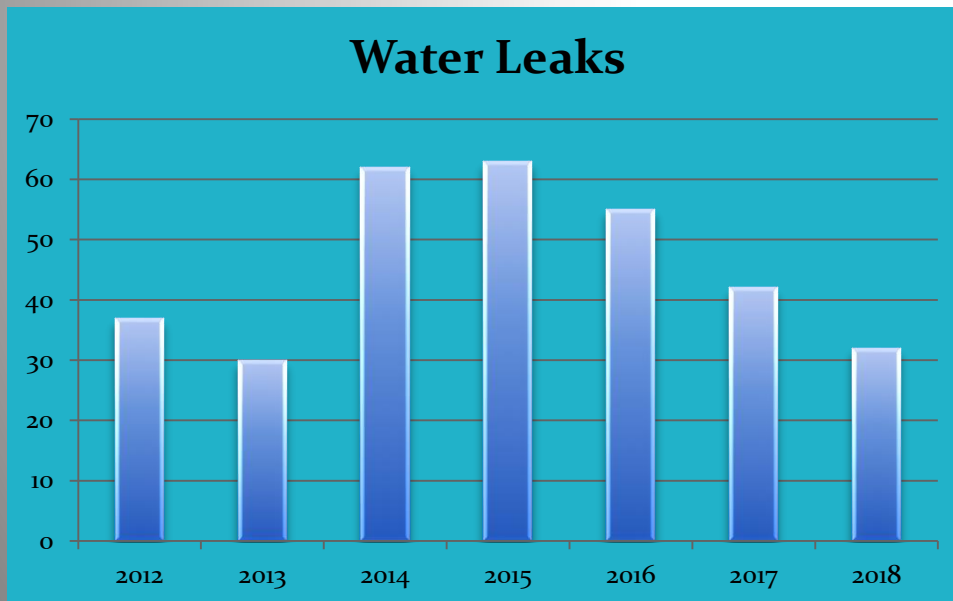
**Potable Water Consumption - from
Administration**



The District achieved a 10.5% conservation vs. water use in 2013.

Water Distribution & Maintenance

- **32 Water Leak Repairs in 2018**
- **137 Meters Replaced**
- **13 MXU's Replaced**



Wastewater Treatment System Overview

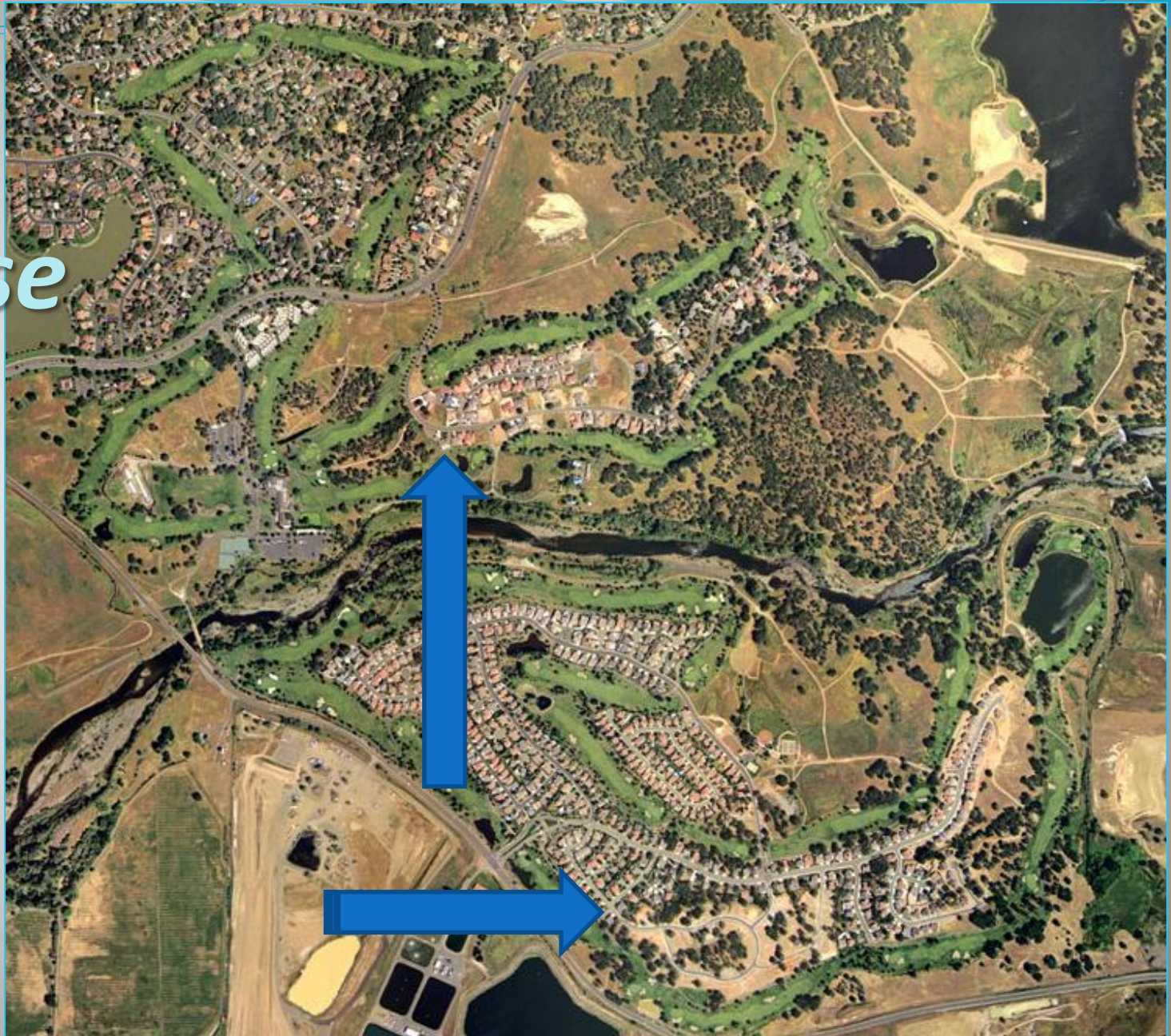
- **2018** influent flow received was **150.86 MG** (463 acre-feet)
- Treated wastewater is stored in two reservoirs until needed for reclamation use by RMCC during summer months.

• Stored secondary treated wastewater is pumped through a DAF system and then filtered, disinfected with chlorine, becoming tertiary treated water, and supplied to the golf courses for irrigation.



To Course

154.9 MG
(475.4 Acre-feet) of
tertiary water was
delivered in 2018 for
RMCC irrigation use.

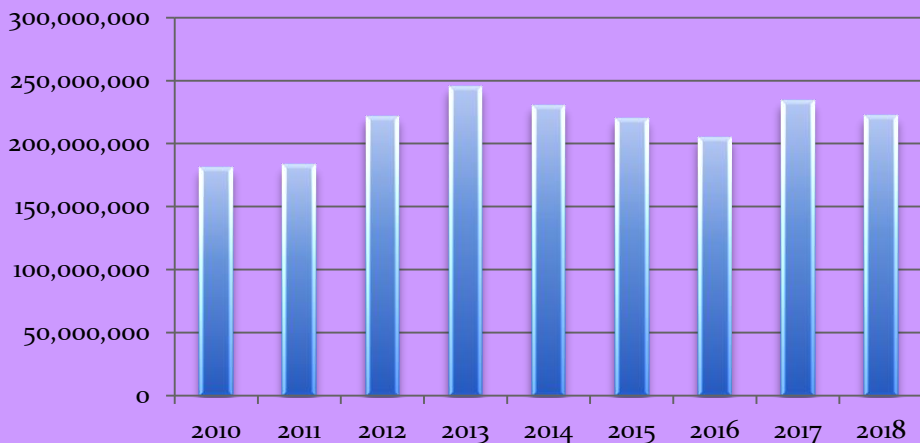


Sewer Metrics

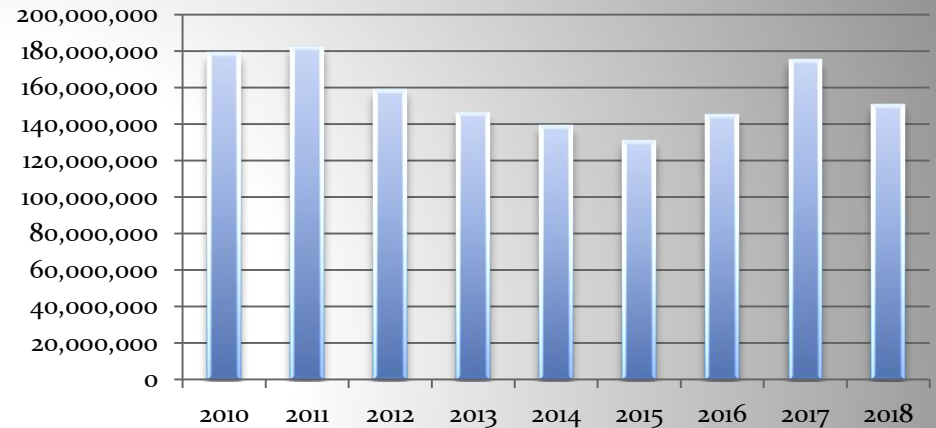
SEWER LINE CLEANED - FEET



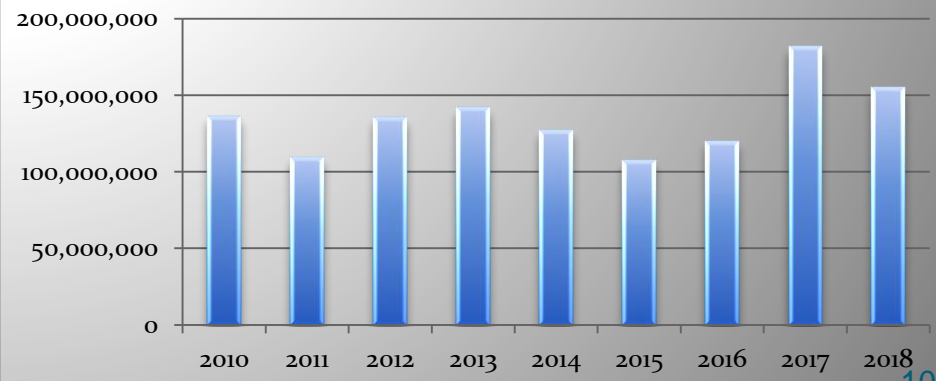
**RMCC RECLAIMED/RAIN/RIVER WATER
USED FOR GOLF COURSE IRRIGATION**



**TOTAL WASTEWATER RETURNED TO
PLANT FROM CUSTOMERS**

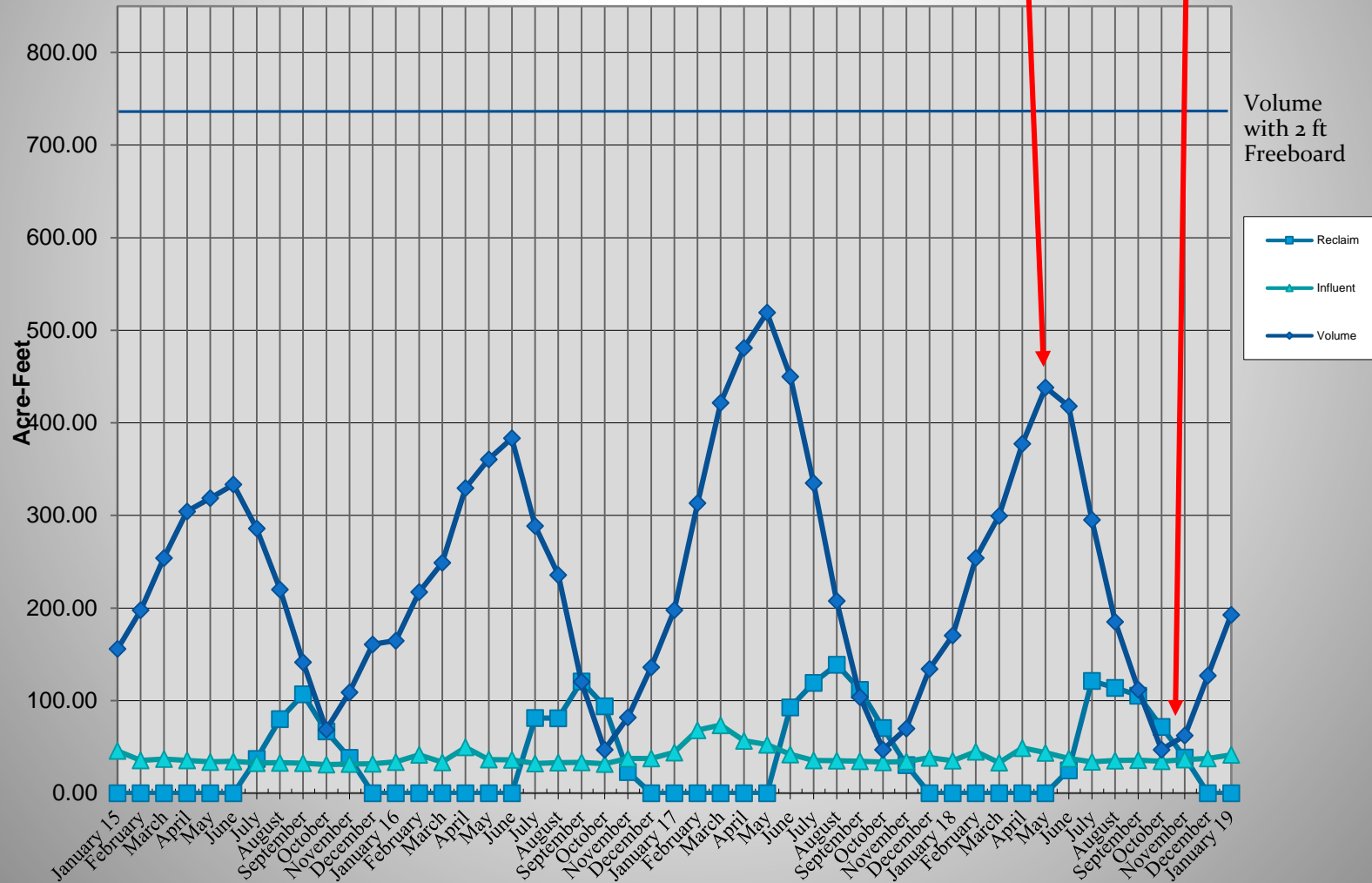


**TREATED RECLAIMED WASTEWATER
DELIVERED FOR GOLF COURSE
IRRIGATION**



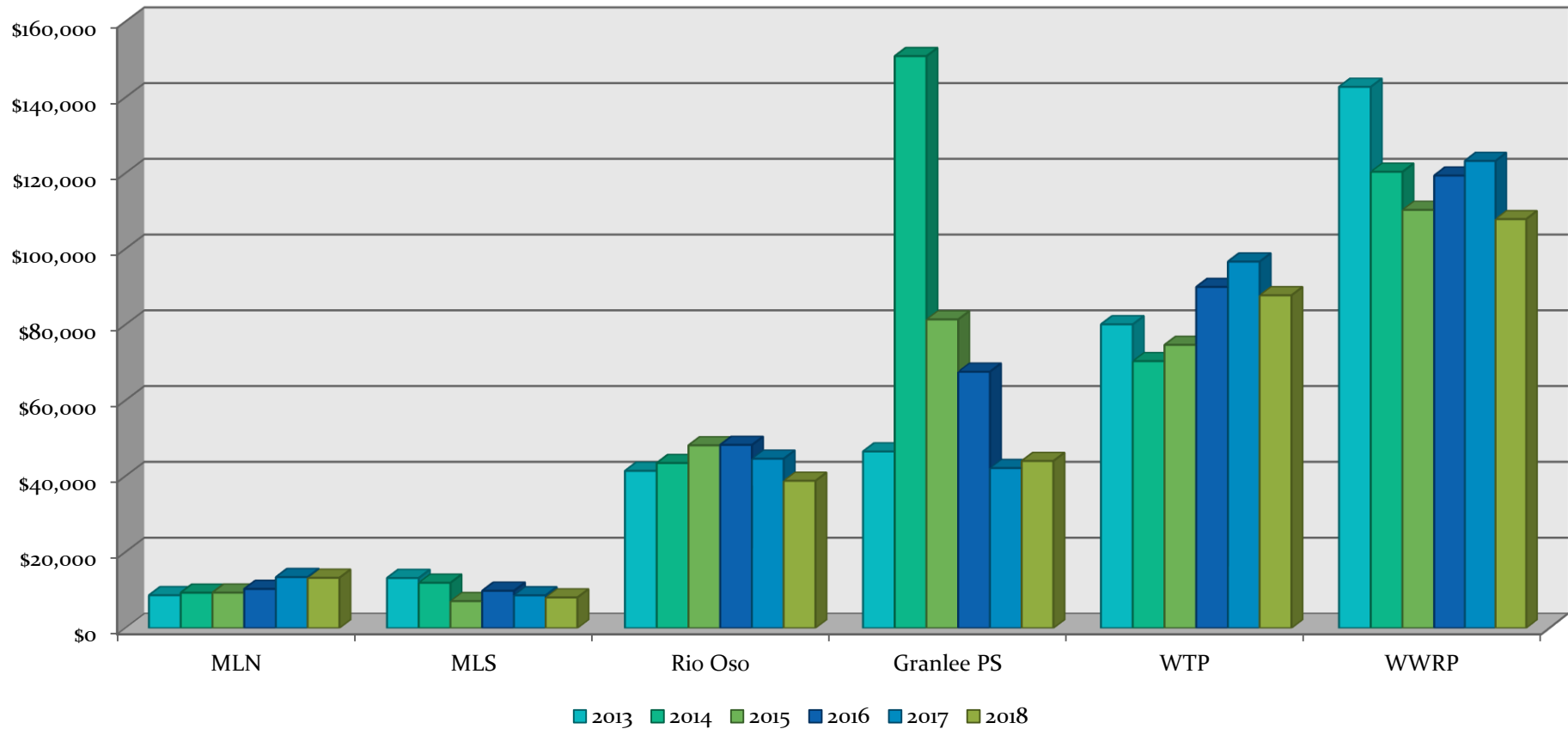
We effectively lowered secondary wastewater storage to 45.6 acre-feet.
 The highest storage volume for the year was 451 acre-feet.

Volume of Secondary Wastewater in Reservoirs 2015-2018



SMUD Power Costs

Primary Electrical Accounts - Annual Costs



Projects Completed



Chesbro drain repair.

Water Plant Culvert Replacement



A night scene of a utility site. In the center, a worker in a high-visibility vest and blue jeans is operating a small, motorized piece of equipment on a paved surface. To the right, a white pickup truck with its driver-side door open is parked. Further back, another worker is visible near a large orange tank. The scene is illuminated by bright work lights, creating a high-contrast, somewhat washed-out effect. The background shows dark trees and a building with some lights.

Thank You!

With the continued support of the Board and community, we will continue to make improvements and keep the District running with a high standard of service and operation.