



May 30, 2019

**TO:** LOCSD Board of Directors  
**FROM:** Rob Miller, District Engineer  
**SUBJECT:** **Agenda Item 11M – 6/6/2019 Board Meeting**  
Construction for 8<sup>th</sup> Street Upper Aquifer Well Equipping Project

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### DESCRIPTION

The 8<sup>th</sup> Street Upper Aquifer Well Equipping Project (8<sup>th</sup> Street Upper Well) is currently proposed for the FY 2019/20 Capital Improvement budget (Fund 9006) with an estimated construction cost of \$284,000. This project was recommended in the Basin Plan as a Program A Basin Infrastructure Project, which is intended to reduce sea water intrusion by increasing production from the upper aquifer (Zone C). The project ranked highly for IRWM grant funds, and staff is requesting additional time to accommodate the extended funding schedule recently released by DWR.

### SUMMARY OF STAFF RECOMMENDATION

Staff recommends that the award of the 8th Street Upper Aquifer Well Equipping Project be deferred to February 2020 in the event grant funds are secured for project implementation.

### DISCUSSION

As a Program A project, the 8<sup>th</sup> Street Upper Well should be implemented as soon as practical to decrease sea water intrusion. While Spring 2019 data generally indicate a retreat in the sea water intrusion front, chlorides are slowly increasing at the Pasadena monitoring well to the west of the 8<sup>th</sup> Street site. The following mitigations are recommended as staff waits for confirmation of grant funds in the next 30 days. If the project is funded, DWR has indicated that funds can be disbursed in February 2020:

- Initiate bidding in Q4 of 2019 so the project is ready to award when funds become available.
- Construct the planned water main from the District's South Bay well site to the main gravity zone as proposed in the FY 19/20 budget. This work should be built as soon as possible, which will increase production from the east side lower and upper aquifer wells.

### FINANCIAL IMPACT

Staff believes the likely grant award will be in the range of \$200,000, which would preserve funding in the same amount for other capital projects.