



PUBLIC WORKS COMMISSION

Capital Improvement & Major Projects August 11, 2016

Presented by:

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Water Treatment Plant



➤ Plant Construction:

- Substantial Completion (99%), punch list items

➤ Operations to commission Plant in August/September:

- Startup/Shakedown testing
- Reload Chemicals
- Operator Training - Wet Testing/Tuning
- Membrane Replacement
- Wet Testing/Sampling
- DDW approval for plant operation





Shallow Groundwater Wells



- **Held Kick-off meeting w/ Tetra Tech & Hazen and Sawyer**
 - Tetra Tech (Designing conveyance system)
 - Hazen & Sawyer (DDW Permitting & Plant Integration)
 - Developing Water Sampling Plan (Frequency & WQ Analyses)
- **City uses non-potable water from 21K-gallon Tank**
 - 1 Combo Truck (1100 gal/2x daily)
 - 1 Jetter Truck (1500 gal/3x daily)
 - 4 Street Sweepers (220 gal/daily)
 - 2 Environmental Trucks (270 gal/2x daily)

Total Non-Potable Water Withdrawal: 11,260 gal/day





Greystone Reservoir

- City's Largest Reservoir: 19.4 MG Capacity – Built in 1967
 - West Basin: 9.2 MG – Repairs Completed July 2016
 - East Basin: 10.2 MG – Work in progress



Joint Repairs on Reservoir Columns



Corroded Sample Station



Outlet & Drain Valves



West Basin - completed



Inlet Valve



West Basin - completed



Cabrillo Reservoir



Liner Installation:

- Issued Notice-to-Proceed
- Coordinating Preconstruction Meeting w/ Contractor
- Est. 4 month construction project

Conveyance System:

- Held mandatory pre-proposal meeting
- Proposals Due August 23, 2016
- Award Design Contract - September

