



November 2, 2023

# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services

Engineering and Operations  
Committee Meeting


# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services




\* Google map of proposed Wells 206 & 207 Groundwater Treatment Improvements Planning and Final Design Services Project and surrounding areas.

# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services



Well 207   
Average flow rate  
2,300-2,500 gpm

 Well 206  
Average flow rate  
2,300-2,500  
gpm



# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services

- May 30, 2023: Request for Proposal (RFP) on PlanetBids advertised
- July 5, 2023: Two (2) proposals received
  - Woodard & Curran, Inc
  - Lee & Ro, Inc
- Evaluation Team: Engineering, Operations & Maintenance
- Lee & Ro, Inc selected based on:
  - Responsiveness (conformance and compliance) to the RFP requirement
  - Project understanding
  - Project Approach
  - Responsibility (resources/capability/qualifications/availability) to perform the work
  - Scope of work
  - Schedule



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- Project Meetings and Workshops
- Data Collection and Review
- Perform Topographical surveys
- Groundwater Treatment Improvement planning (land use, flood and seismic risk assessments, well rehabilitations, site layout, site accessibility, piping and electrical load analysis)
- Identification of easements, jurisdictional boundaries, future construction discharge quantities, and permit requirements
- Planning level design drawings and 3-d renderings
- Estimated Construction Costs
- Pipeline and Chemical Building Final Design

*\*\* Agency's Strategic Plan Objective D.1: "Achieve 100% compliance with all environmental regulations and standards." and D.2: "Proactively install, operate, and maintain groundwater treatment infrastructure to avoid impacts on water supply reliability (e.g. VOCs, perchlorate, PFAS, etc.)."*



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Services	Cost Breakdown
Planning for Groundwater Treatment Improvements	~\$160,000
Final Design (Transmission Line, Pump-to-Waste Line, Turnout/Blending Station & Site Drainage)	~\$190,000
Final Design (Chemical Building, Injection System & Turnout)	~\$250,000
<b>Total</b>	<b>\$600,000</b>

*\*Pipeline will combine well water from all four wells (206, 207, Saugus #3 & Saugus #4) and send to a centralized chemical building for treatment.*



# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services

- **Award Phase:**

- November 2, 2023: Engineering and Operations Committee
- November 21, 2023: Board Meeting

- **Planning and Design Phase:**

- November 2023: Notice to Proceed
- November 2023 to April 2024 (6 Months): Planning and Final Design Services





# Wells 206 and 207 Groundwater Treatment Improvements Planning and Final Design Services

**That the Engineering and Operations Committee recommends that the Board of Directors:**

Approve, pursuant to the previously adopted addendum to the adopted 2005 Groundwater Containment, Treatment, and Restoration Project MND and MMRP, a purchase order to Lee & Ro, Inc for an amount not-to-exceed of \$600,000 for planning and final design services for the Wells 206 and 207 Groundwater Treatment Improvements Project.

