

A-Side Primary Clarifiers Replacement at Plant No. 2, Contract No. P2-98A

Presented by:
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Engineering Manager

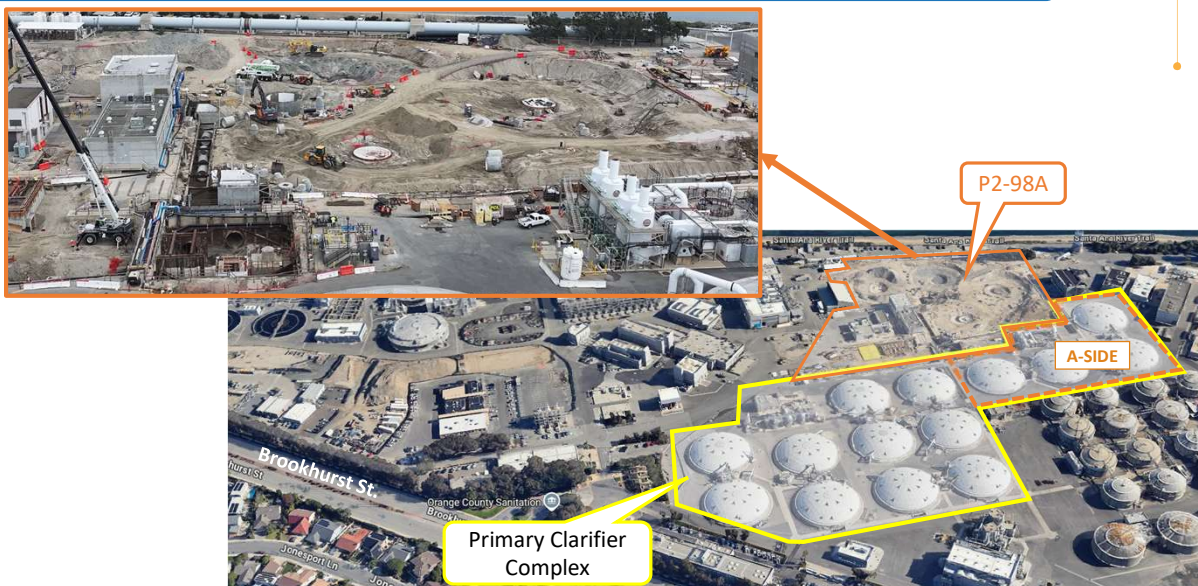
Operations Committee
December 3, 2025

Contingency Increase

OC SAN
ORANGE COUNTY SANITATION DISTRICT

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Project Construction Area



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Project Elements



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Bid Results – March 16, 2021

Bidder	Amount of Bid
Engineer's Estimate	\$129,000,000
★ PCL Construction, Inc.	\$111,405,880
Kiewit Infrastructure West Co.	\$112,849,000
J.F. Shea Construction, Inc.	\$119,360,000

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Summary of Major Changes to Date

Change	Amount	Percentage
1. Additional demolition of underground obstructions	\$2,812,360	2.5%
2. Change in soil improvement methods	\$720,418	0.6%
3. Construction delay direct costs from unforeseen conditions	\$366,865	0.3%
4. Bulkhead installation to separate non-reclaimable flows	\$209,056	0.2%
5. Protective liner installation around outside clarifier walls	\$187,064	0.2%
Total Major Changes	\$4,295,763	3.9%
Approved Construction Contingency — May 2021	\$6,684,353	6.0%

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1. Additional Demolition of Underground Obstructions



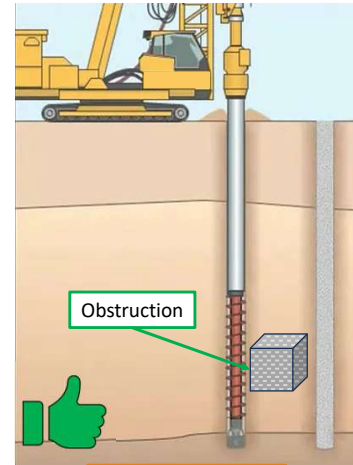
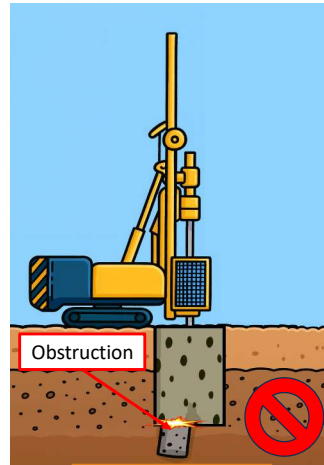
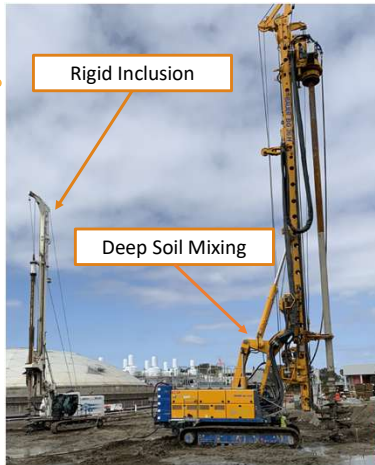
More unknown RCP pipelines and concrete structures to remove.

Cost: \$2,812,000

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2. Change in Soil Improvement Methods



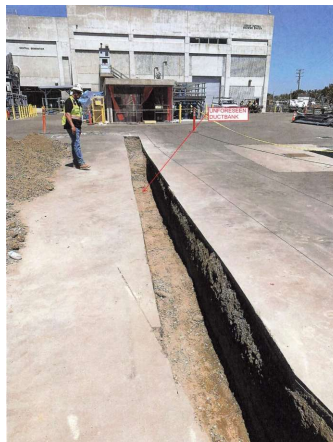
Rigid Inclusion in lieu of Deep Soil Mixing on areas that have underground obstructions.

Cost: \$720,000

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3. Delay Direct Costs from Unforeseen Conditions



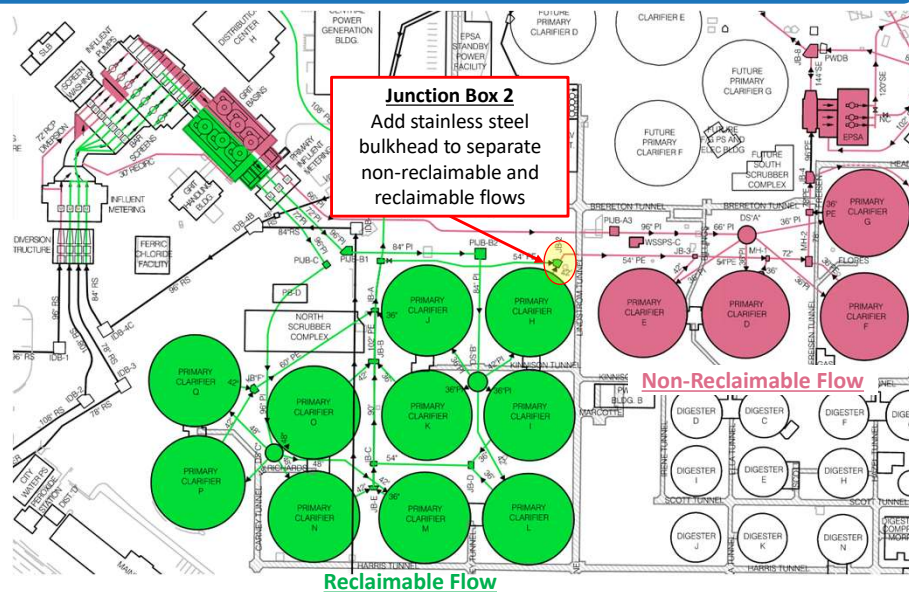
Additional direct costs from construction delays caused by unforeseen electrical ductbanks.

Cost: \$366,865

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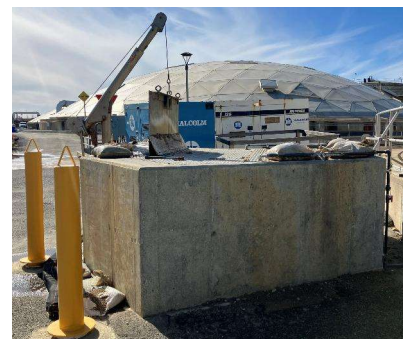
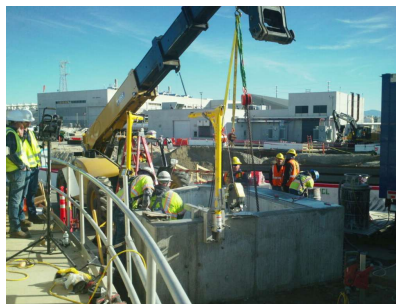
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4. Bulkhead to Separate Non-Reclaimable Flows



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4. Bulkhead to Separate Non-Reclaimable Flows



Installation of a temporary large stainless-steel bulkhead to separate non-reclaimable wastewater flows as required by the GWRs Final Expansion system.

Cost: \$209,000

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5. Protective Liner Around Outside Walls



Before



After

Additional protective liner installation around the exterior launder walls of each clarifier to prevent gas intrusion, concrete corrosion, and other liner failures.

Cost: \$187,000

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Construction Contract Status

Construction Contract	Amount	Percentage
Original Contract Amount	\$111,405,880	
Board Approved Contingency	\$6,684,353	6.0%
Changes to Date	\$6,219,958	5.6%
Remaining Contingency	\$464,395	0.4%
Requested Contingency Increase	\$4,456,235	4.0%

Disputed Work / Time Claims: \$11M

Remaining Work:

- Civil, Mechanical, Electrical and Instrumentation and Controls
- Demolition of existing 4 clarifiers with support facilities
- Resolution of project disputes

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Recommendation

Recommend to the Board of Directors to:

Approve a contingency increase of \$4,456,235 (4%) to the existing Construction Contract with PCL Construction, Inc., for A-Side Primary Clarifiers Replacement at Plant No. 2, Contract No. P2-98A as part of Primary Treatment Rehabilitation at Plant No. 2, Project No. P2-98, for a new total contingency amount of \$11,140,588 (10%).

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Questions?

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