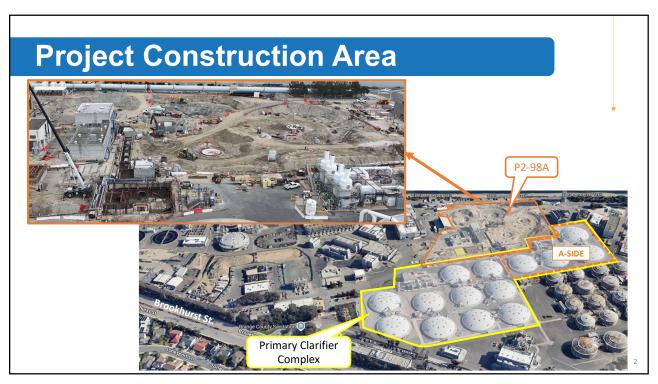
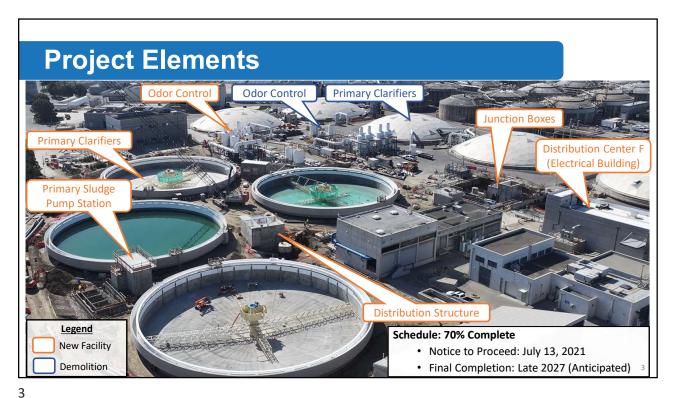
# A-Side Primary Clarifiers Replacement at Plant No. 2, Contract No. P2-98A



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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



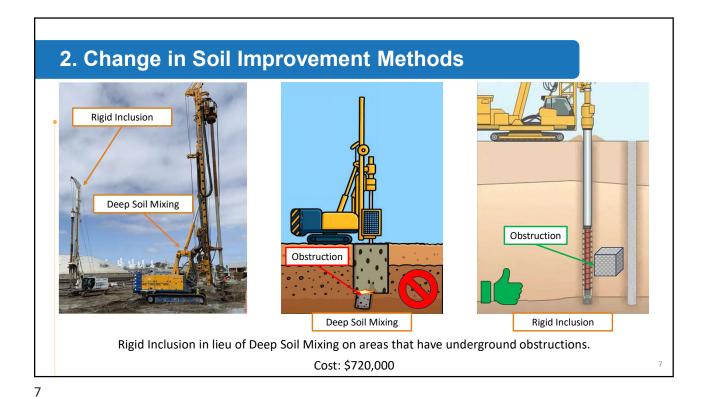




More unknown RCP pipelines and concrete structures to remove.

Cost: \$2,812,000

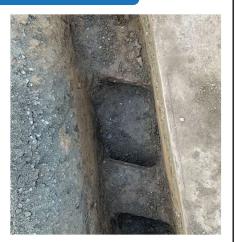
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#### 3. Delay Direct Costs from Unforeseen Conditions







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

Cost: \$366,865

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# 4. Bulkhead to Separate Non-Reclaimable Flows Junction Box 2 Add stainless steel bulkhead to separate non-reclaimable flows Reclaimable Flow Reclaimable

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#### 4. Bulkhead to Separate Non-Reclaimable Flows





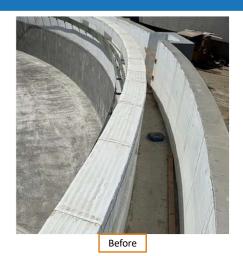


Installation of a temporary large stainless-steel bulkhead to separate non-reclaimable wastewater flows as required by the GWRS Final Expansion system.

Cost: \$209,000

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#### 5. Protective Liner Around Outside Walls





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 |            |
| <b>Board Approved Contingency</b> | \$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

#### 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?**