

Primary Clarifiers F and G Rotating Mechanism Rehabilitation at Plant No. 2, Project No. FE23-09, Specification No. S-2024-612BD

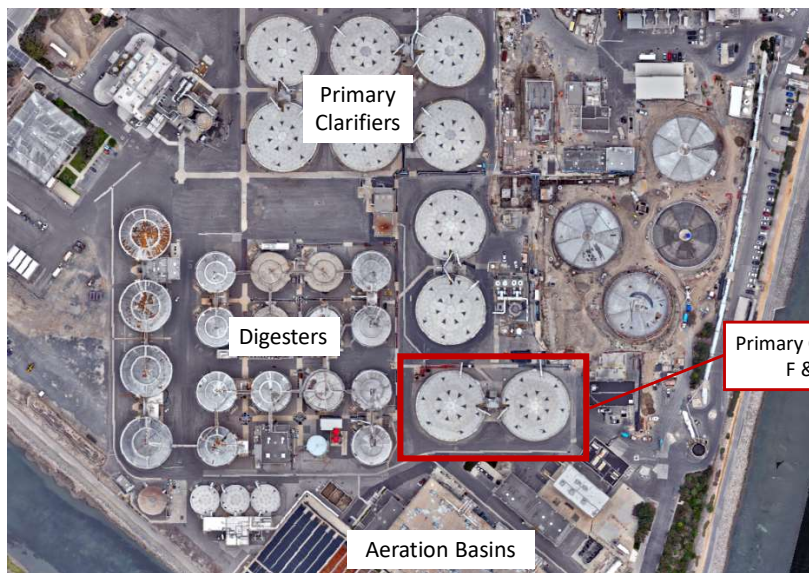
Presented by:
Brad Moore
Engineering Supervisor

Operations Committee
July 2, 2025



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Project Site: Plant No. 2



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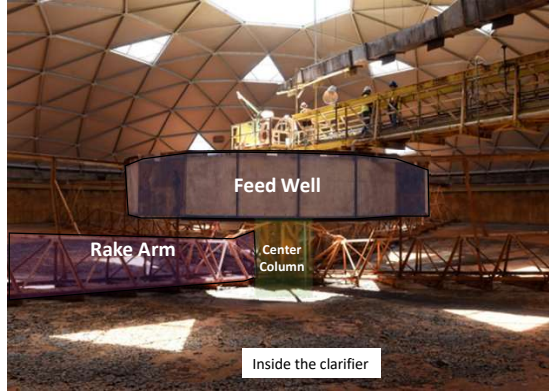
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Project Scope

- Replace corroded sections of metal within the feed well area
- Apply coating to replaced sections, and sections with coating loss in the feed well area
- Apply coating as needed to the rotating rake arms to increase reliability



Feed well truss before sandblasting



Feed Well

Rake Arm

Center Column

Inside the clarifier

3

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Current Condition

- Both Clarifiers F and G are not operational due to corrosion
- P2 does not have a redundancy for the clarifiers at this time
- Contractor sandblasted the corroded steel



um & Remove

Feed well wall after sandblasting

FE23-09 04.02.2025, 10:28:12 AM



Feed well wall after sandblasting

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Additional Repairs

More damage to the steel than what was initially anticipated (feed well area, rake arm, center column)

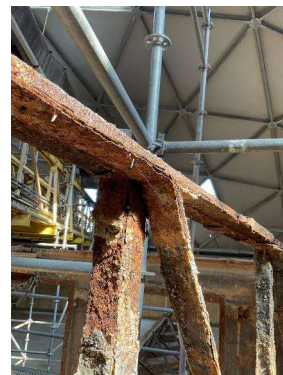
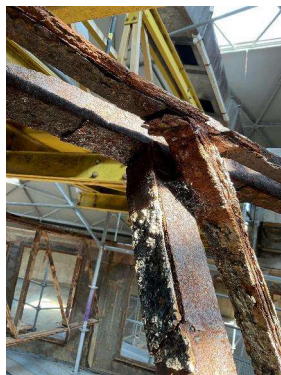


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Repair Quantities per Clarifier

Description	Contract Qty		After Sandblasting Qty		% increase
Steel	6,500	lbs	9,225	lbs	42%
Metal repair material	400	kilograms	1,178	kilograms	195%
Welding	1,425	inches	8,079	inches	467%



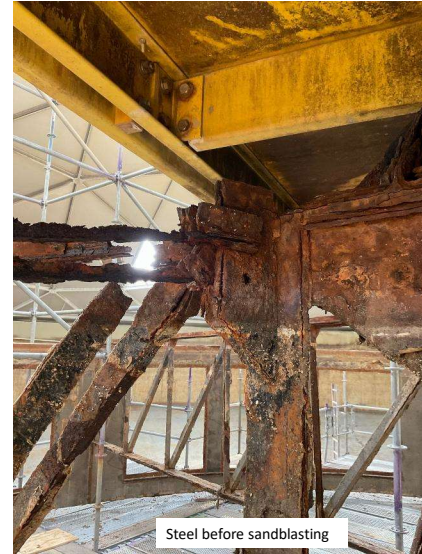
Condition of steel before sandblasting

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Construction Contract Status

Summary	Amount (\$)
Board Approved Contingency	\$472,500
Pending Changes	\$196,400
Remaining Board Approved Contingency	\$276,100
Anticipated Additional Repair Cost	\$740,860
Additional Contingency (for anticipated/unknowns)	\$385,740
Requested Contingency Increase	\$850,500



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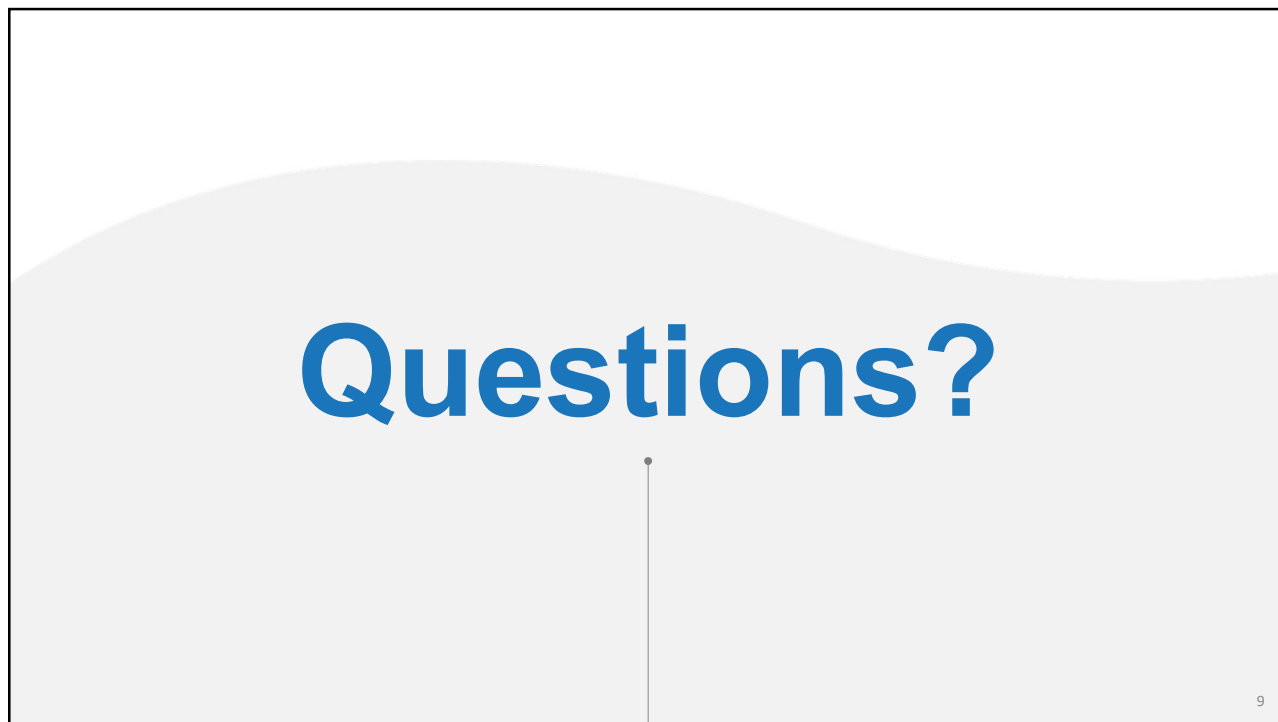
Recommendation

Recommend to the Board of Directors to:

Approve a contingency increase of \$850,500 (27%) to the existing Services Contract with Vicor Enterprises, Inc., for Primary Clarifiers F and G Rotating Mechanism Rehabilitation at Plant No. 2, Project No. FE23-09, Specification No. S-2024-612BD, for a new total contingency of \$1,323,000 (42%).

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