



Engineering, Operations, & Technology Committee

Jensen Washwater Basin Refurbishment

Item 7-2

July 7, 2025

Item 7-2

Jensen WWRP2 Basin Refurbishment

Subject

Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC to refurbish a washwater reclamation plant basin at the Joseph Jensen Water Treatment Plant

Purpose

Enhance the continued reliability of the Jensen plant

Recommendation and Fiscal Impact

Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC

Fiscal Impact – \$2.64 million

Budgeted

Location Map



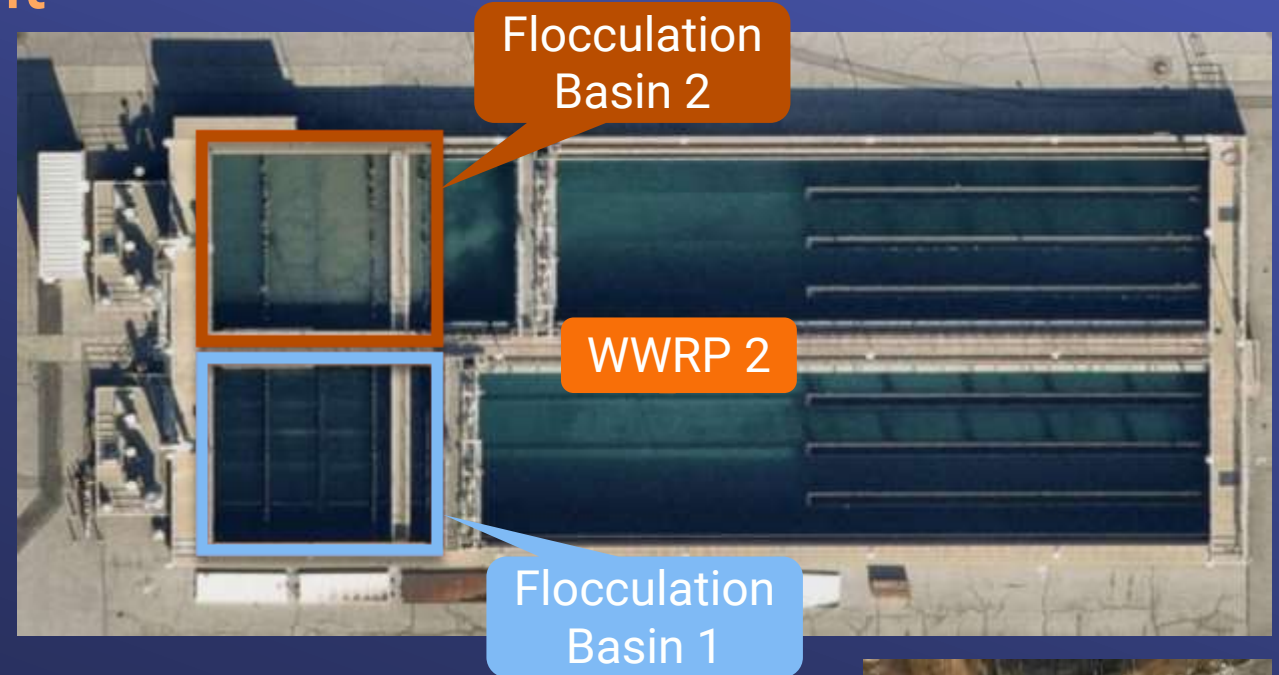
Washwater Reclamation Overview

- Washwater Reclamation Plant (WWRP) plays a critical role in overall treatment
 - Water is directed to WWRP from filters & gravity thickeners
 - WWRP removes solids via coagulation, flocculation & sedimentation
 - Settled water returned to plant inlet
 - WWRP 2 has capacity to support 500 mgd flow



Flocculator Basin Refurbishment

- WWRP 2 in continuous service since 1990s
- Worn rotating equipment & baffles reduce particle removal efficiency & reliability
- Staff refurbished one basin in 2017
- Second basin currently recommended for refurbishment



Wear & corrosion
on shaft casing

Jensen WWRP2 Basin Refurbishment

Alternatives Considered

- Considered Alternative – Utilize Metropolitan forces to perform refurbishment
 - Current commitments would significantly delay work
- Selected Alternative – Contract award
 - Allows work to proceed while Metropolitan forces continue supporting shutdowns & other priorities

Jensen WWRP2 Basin Refurbishment

Scope of Work – Contractor

- Refurbish drive shaft assemblies, flocculator paddle arm shaft assemblies, shaft bearings & flocculator stuffing box
- Replace flocculator paddle boards & baffle wall boards
- Align & commission all equipment to specifications

Jensen WWRP2 Basin Refurbishment

Scope of Work – Metropolitan Staff

- Support during shutdown, dewatering & testing
- Alignment verification for rotating equipment
- Install cathodic protection
- Construction management
- Construction support & submittal review
- Project management & contract administration

Bid Results

Specifications No. 2031

Bids Received	May 20, 2025
No. of Bidders	5
Lowest Responsible Bidder	Myers and Sons Construction, LLC
Low Bid	\$1,718,000
Range of Other Bids	\$1,723,000 to \$2,877,700
Engineer's Estimate	\$1,150,000
SBE Participation*	36%

*SBE (Small Business Enterprise) participation level set at 25%

Allocation of Funds

Jensen Washwater Reclamation Basin Refurbishment

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$	190,000
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Construction Inspection & Support		230,000
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Force Construction		86,000
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Submittals Review, Tech. Support, Record Dwgs.		210,000
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Materials & Supplies		18,000
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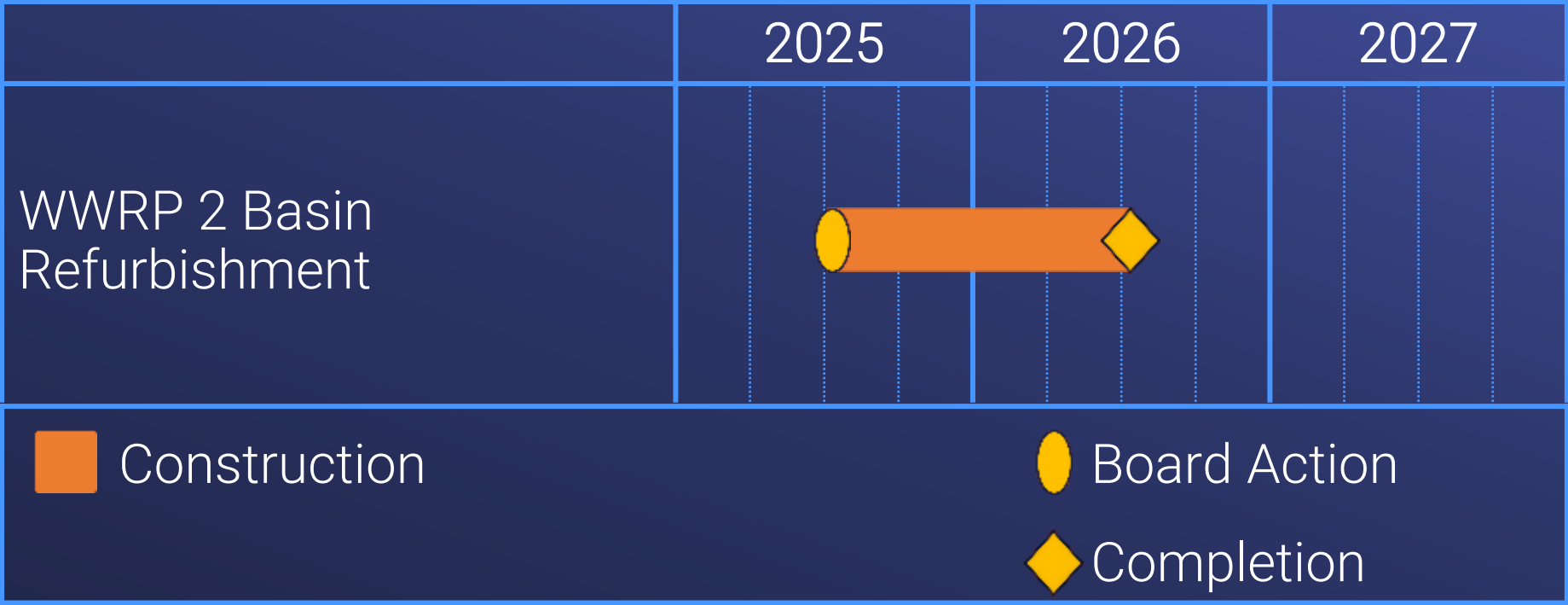
Contracts

Myers and Sons Construction, LLC		1,718,000
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Remaining Budget		188,000
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Total	\$	2,640,000
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Project Schedule



Board Options

- Option #1

Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC to refurbish a washwater reclamation plant basin at the Joseph Jensen Water Treatment Plant.

- Option #2

Do not proceed with this project at this time.

Staff Recommendation

- Option #1

