



Photo: Nick Statom & Stephen Holleman

USMCA Tijuana River Watershed Infrastructure Tribal Border Workgroup

August 10, 2023

Today's Agenda

- Proposed Suite of Projects
- History of Tribal Outreach
 - 5/2021 - NEPA Public Scoping
 - 5/2022 - Cultural Resources
 - 11/2022 PEIS/ 6/2023 ROD
 - 8/2023 Government-to-Government Consultation
- Progress
 - Progress in Mexico
 - Progress in U.S.
- Next Steps

Prior Outreach to Border Tribes

- 5/2021 – NEPA Public Scoping Letters
 - Response from no Tribes
- 5/2022 – Cultural Resources NHPA Section 106 Letters
 - Response from one Tribe
- 11/2022 – Final Programmatic Environmental Impact Statement (PEIS)
 - Response from no Tribes
- 6/2023 – Record of Decision (ROD)
 - Response from no Tribes
- 7/2023 – Tribal Border Workgroup presentation
- 8/2023 – Offer for Government-to-Government Consultation
- Spring/summer 2024 award contract to begin design of South Bay International Wastewater Treatment Plant

Existing Conditions



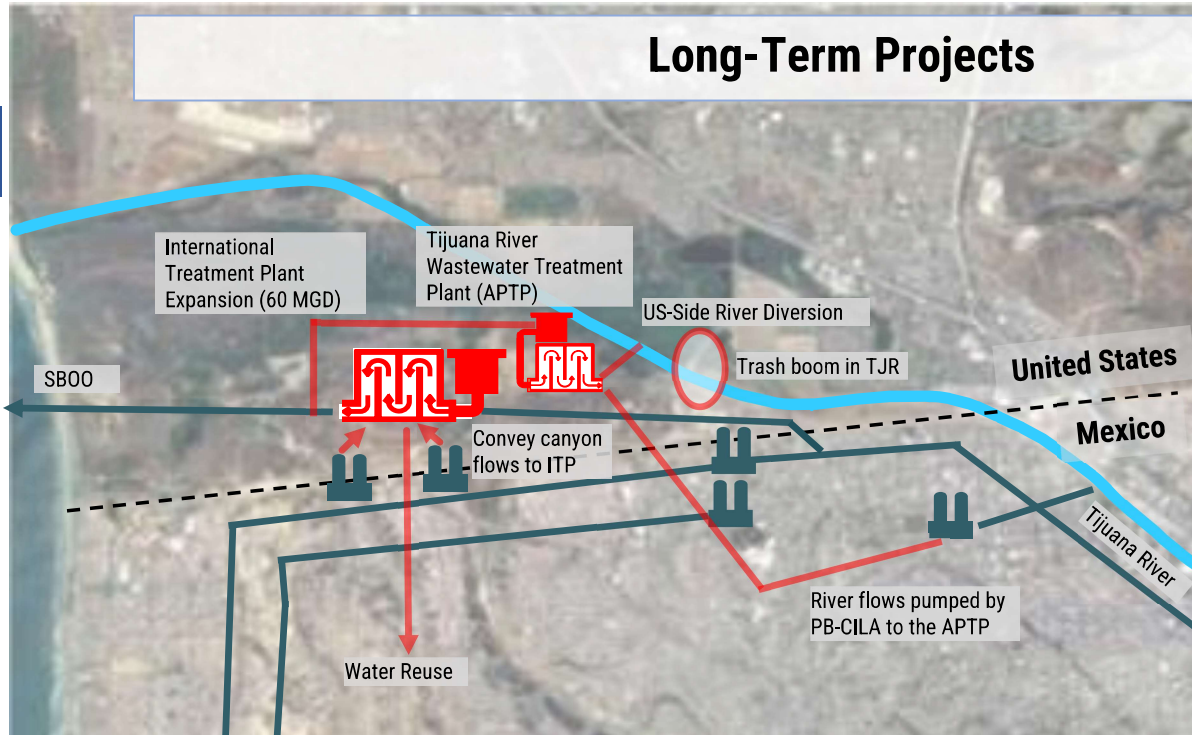
Short-Term Projects (2022-2027)



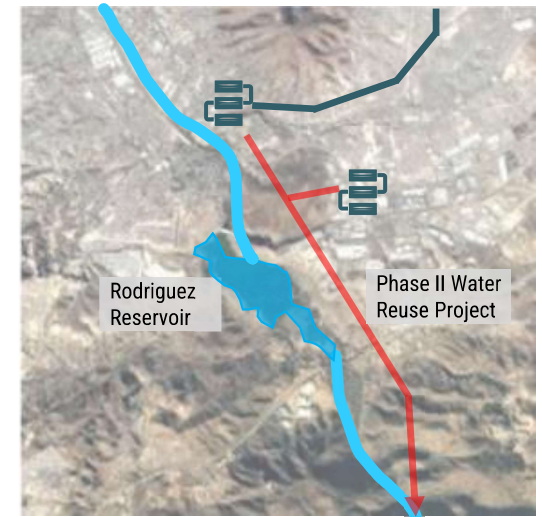
Infrastructure in red is part of the scope for rehabilitation, replacement, etc.

Long-Term Projects

1



2



Infrastructure in red is part of the scope for rehabilitation, replacement, etc.

Key Benefits

- ▶ Treatment **capacity until ~2050** for all central Tijuana & canyon sewage
- ▶ Provides sufficient capacity for **all dry-weather and some wet-weather flows**
- ▶ **Acts as backup** if Mexico's diversion fails or flows exceed capacity
- ▶ Provides **more U.S. oversight and control** of wastewater infrastructure
- ▶ Incentivizes **water recycling**

~95%

Reduction

Frequency of impaired water quality at Imperial Beach during tourist season

~76%

Reduction

Frequency of transboundary flows in Tijuana River

Progress in Mexico

- PB-CILA expansion complete
- Oriente Collector complete
- Rehabilitation of the International Collector and PB1 to begin this year
- Fall 2023 bid for San Antonio de los Buenos WWTP



May 4th Visit to Tijuana



Regional Administrator Martha Guzman visits the Oriente Collector construction site



Bilateral meeting between US and Mexican agencies on SOI/Min 328 projects

Progress in the United States

- NEPA Record of Decision (ROD) signed June 9, 2023
 - Allows project to move into design and construction phase
 - Pre-design activities underway (e.g., facility assessment)
 - Responds to substantive comments, including those related to flood effects
- Predesign Underway on the rehabilitation and expansion of the South Bay International Wastewater Treatment Plant (ITP)
- “Sources Sought” announcement to potential contractors to invite input before design.

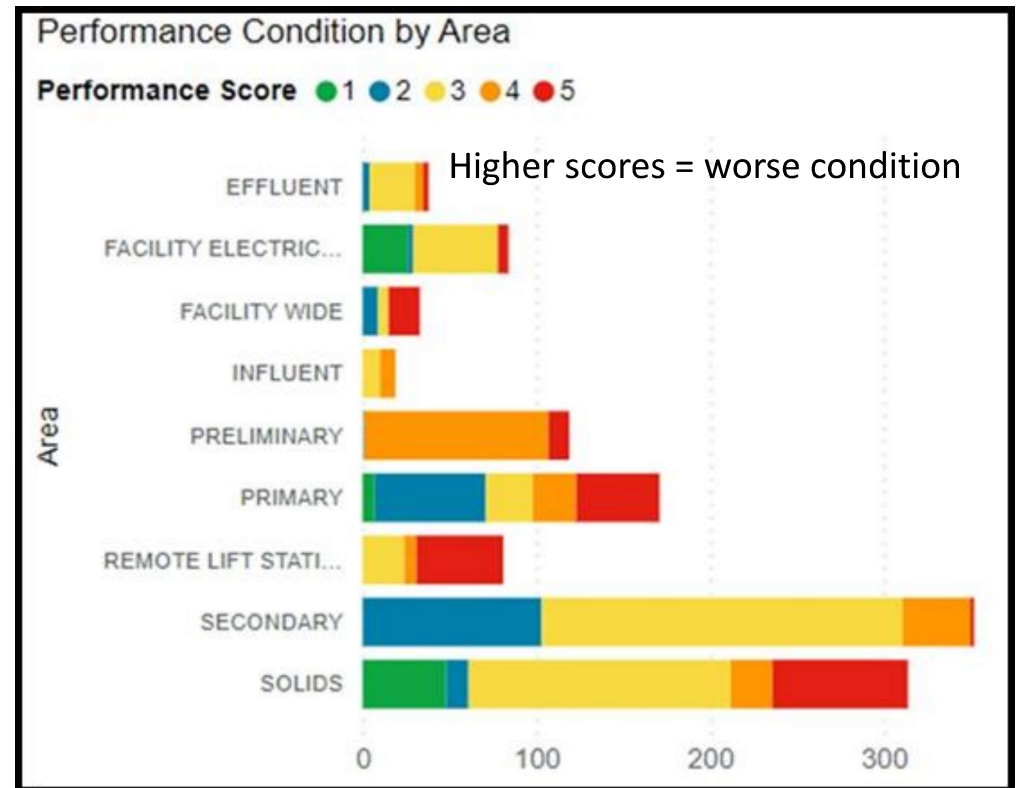
SBIWTP- Pre-design Activities

Key Deliverables:

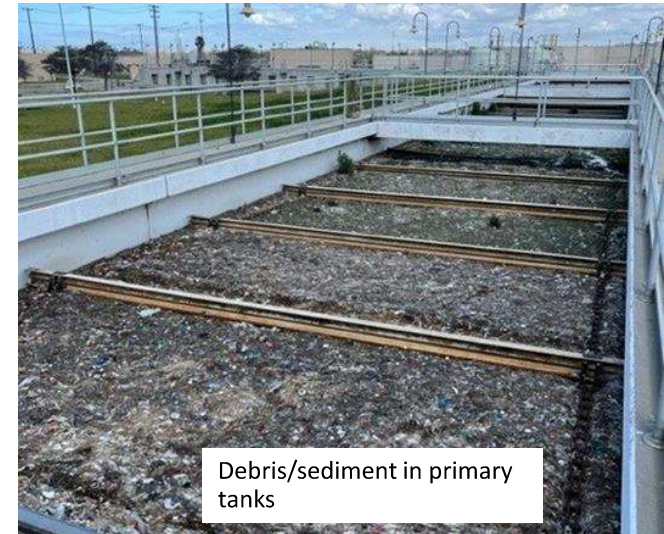
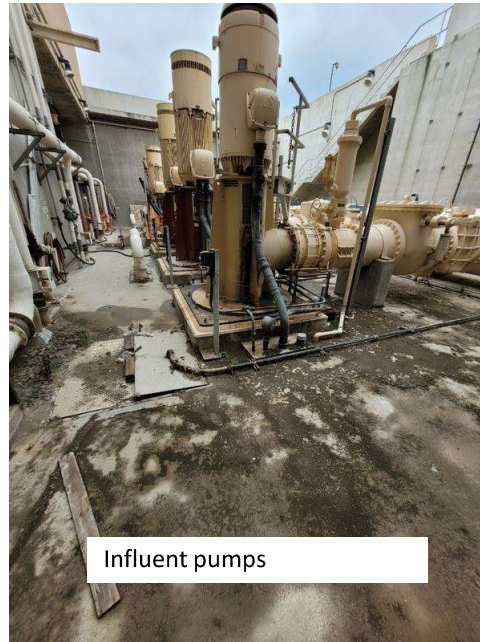
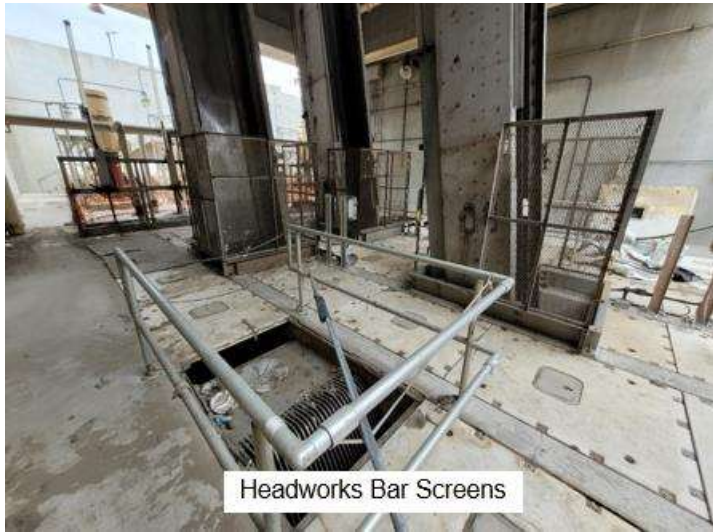
- Condition assessment report
- Expansion of SBIWTP report
- Conceptual drawings
- Opinion of Probable Costs
- Solicitation of project for design and construction

Overview of assessment:

- Equipment failures, condition, and age are impacting performance.
- Assets with scores of 4-5 need immediate attention
- 430 assets (36%) need immediate attention



Headworks and Primary Treatment Facilities



Influent pumps and bar screens require replacement. Influent debris and solids impact headworks facility. Many other components require rehab or replacement.

Primary tanks- solids and debris carryover have also impacted treatment and capacity.

- Instruments, pumps, and mixing equipment are corroded.
- All the existing equipment requires rehabilitation.



Next Steps

- Solicitation of contractor for rehabilitation/expansion - Fall 2023
- Award contract – Spring/Summer 2024
- Construction start – Spring/Summer 2025