



INTERNATIONAL BOUNDARY AND WATER COMMISSION

UNITED STATES SECTION

South Bay International WWTP Update

Morgan Rogers, P.E.

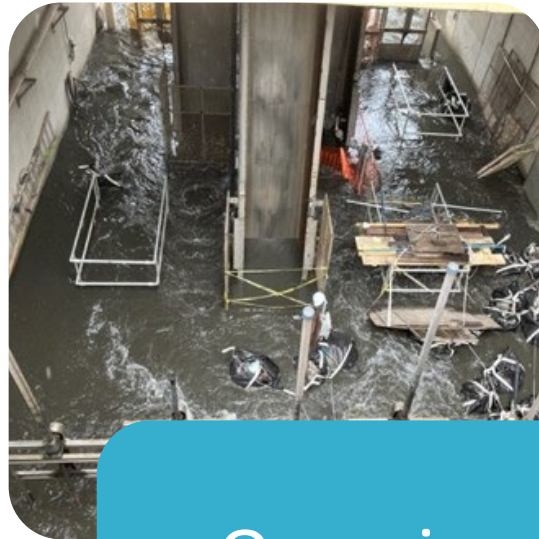
USIBWC San Diego Area Operations Manager

November 15, 2023

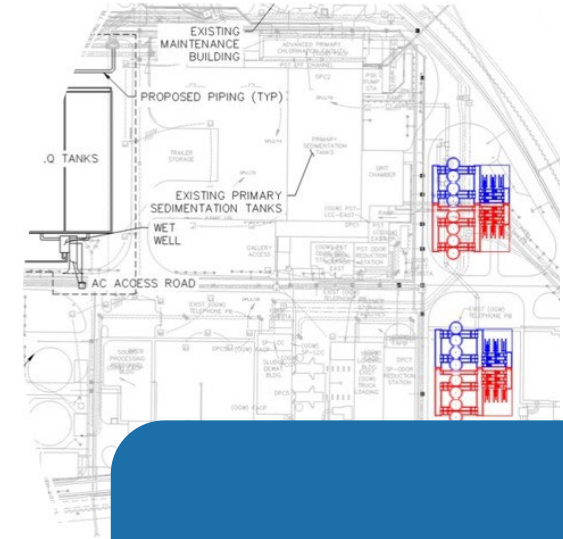
Where are we now?:



What is the problem?



On-going
Repairs For
Permit
Compliance



Rehabilitation
and
Expansion



Update on Permit Compliance

Ongoing repairs for Permit Compliance

Overview of Permit Compliance (Excess Flows and Tropical Storm Hilary)

- Realigned \$18M for repairs due to excess flows from PB-1A and Tropical Storm Hilary
- These improvements will achieve compliance of the plant independent of the expansion project
- Binational meetings held and correspondence sent to Mexico to urge repair of pipeline PB-1A to reduce transboundary flows
- **Compliance to be achieved Summer 2024**
- NOVs received on September 5 and October 27, 2023 for effluent exceedances and reports' submission
- Draft Time Schedule Order issued by the San Diego Regional Water Quality Board for public comment on October 31, 2023



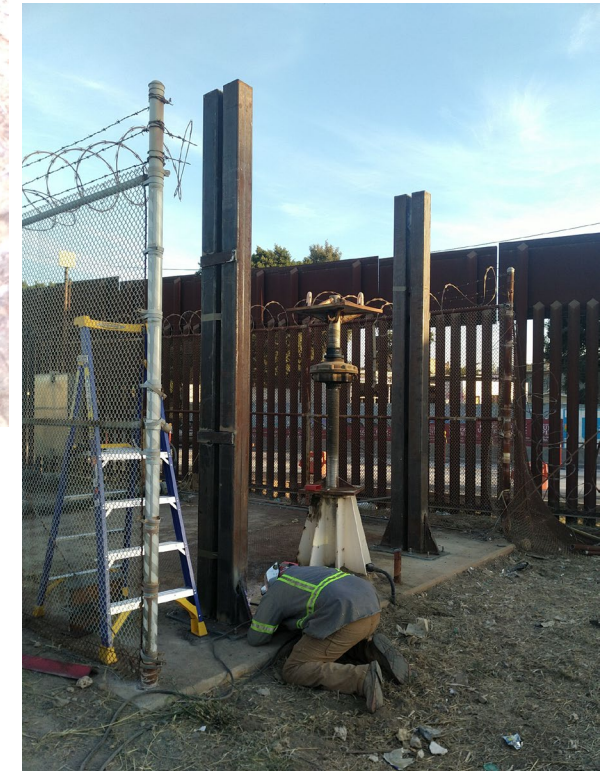
Junction Box 1 (JB1) Rehabilitation

Temporary repair in progress – completion end of November 2023

Rehabilitation by replacement of inoperable JB1
(Permanent Solution)

- Status:
 - Contract Award: August 2023
 - Cost: \$5.8M
 - Schedule: 12-18 months
 - Completion: by early 2025

Ongoing repairs for Permit Compliance

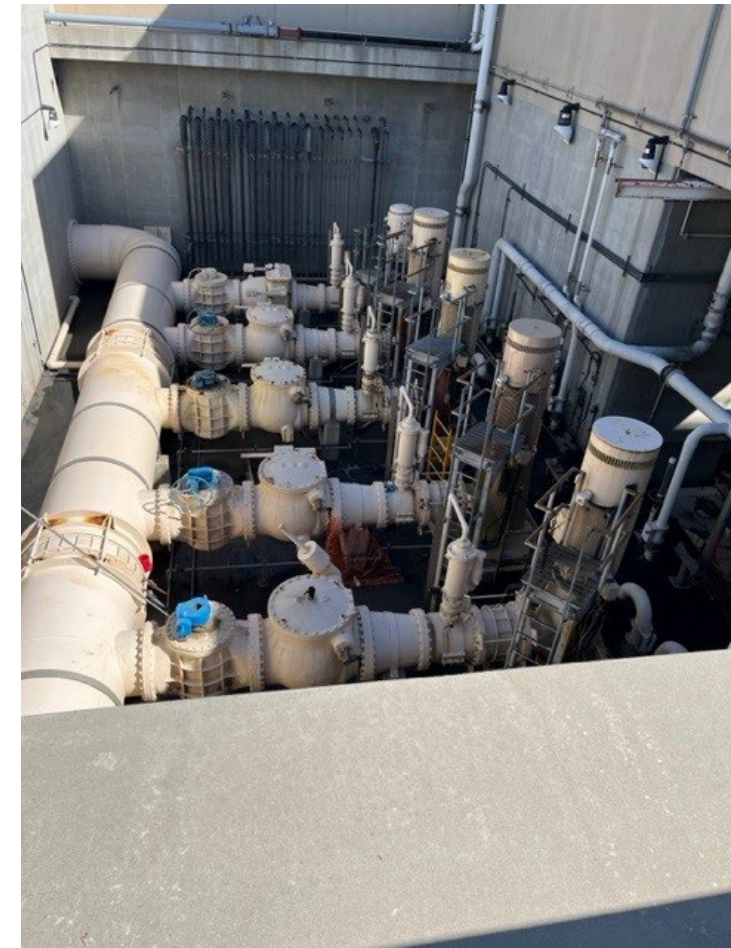




Influent Pumps - Replacement

Ongoing repairs for Permit Compliance

- Six influent pumps at the headworks
- Two minimum for normal operations
- Status:
 - **Three pumps operational**
 - Two new pumps scheduled for delivery Nov & Dec 2023
 - Repair and/or replace inoperable pumps
- Increase reliability and redundancy of pumping at headworks





Primary Sedimentation Tanks (PSTs) Rehabilitation

- Primary treatment currently inoperable since early 2023
- Five PSTs total, all inoperable
- Minimum 3 PSTs for normal operation
- Status:
 - PST #5 parts available Oct 2023, rehab in progress, online Feb 2024
 - PSTs #1 & #2 start cleaning/rehab Feb 2024, online Apr/May 2024
 - PSTs #3 & #4 to follow
 - Plant permit compliance summer 2024
- Restore Primary Treatment and permit compliance

Ongoing repairs for Permit Compliance





Hollister Pump Station

- Diverts flows from Goat Canyon & Smuggler's Gulch canyon collectors to the SBIWTP
- Typical flows less than 1 MGD and 4% of total flows to the SBIWTP
- Four pumps total, all were inoperable after Tropical Storm Hilary
- Status:
 - One existing pump restored on Sept 19
 - One new pump installed on Sept 29 - pump station operational
 - One new pump received Oct 10 - awaiting installation
 - Additional pumps being ordered for fourth pump and redundancy
- Increase reliability and redundancy of Hollister pump station

Ongoing repairs for Permit Compliance

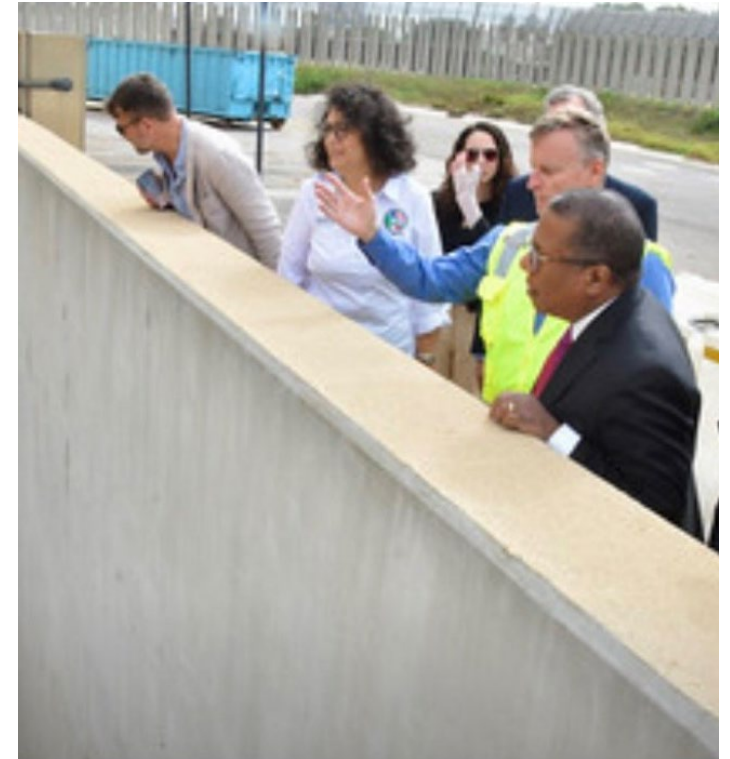




Administration Support

- October 11, 2023: SBIWTP visit and plant tour by Assistant Secretary of State for Western Hemisphere Affairs Brian Nichols
- Late October 2023: \$310M supplemental budget request from President Biden to complete 50 mgd plant with peaking factor
- Department of State engages regularly with Mexican officials to support continued progress on Minute 328 project implementation

Rehabilitation and expansion



*Assistant Secretary Nichols toured
the SBIWTP on October 11*

Questions?

