



ADDRESSING TRANSBOUNDARY FLOWS & WATER QUALITY ACTIVITIES FACT SHEET

IBWC is working on 4 key fronts to address transboundary flows and wastewater quality affecting the coast.



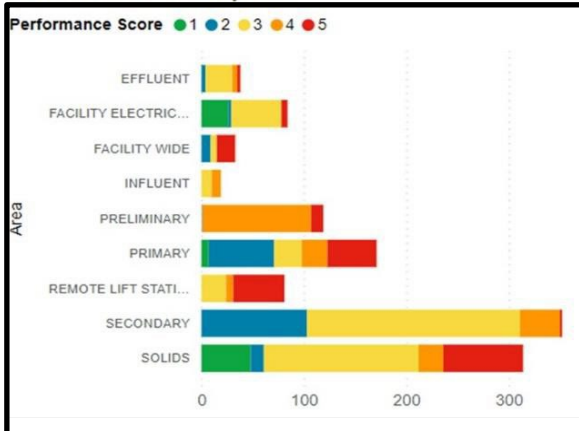
Before and after: Sediment and debris accumulation in a primary sedimentation tank resulting in reduced capacity and compliance issues.

1. Urgent Repairs for Permit Compliance

In 2022 and 2023, IBWC redirected \$25 million to SBIWTP to address damage caused by Tropical Storm Hilary and continued high flows from Mexico that bring unexpected large volumes of debris and trash caused issues with our discharge permit. The plant achieved compliance in November 2024. Weekly communication on repair progress with the State Regional Water Quality Control Board ensures transparency.

Equipment failures, condition, and age are impacting performance.
430 assets/36% need immediate attention.

Performance Condition by Area



Performance scores 4 and 5 need immediate attention.

2. SBIWTP Rehabilitation and Expansion

Facility Assessment/Pre-design:

Start: October 2022; End: November 2023

Procurement phase:

Start: December 8, 2023; Award: August 21, 2024

Scope:

Project is a progressive design-build and includes final design and construction for rehabilitation and expansion to 50 mgd with 75 mgd peaking factor that will comply with EPA standards and will restore the Tijuana River and San Diego coast's water quality for the benefit of U.S. interests. Estimated total cost \$600M. All funding secured.

Design:

\$42.4 million for full scope

Start: September 2024; End: May 2026

Construction: 5 years

Definitive schedule and costs will be determined between 30% and 60% design. Through progressive design-build, elements of design and construction can be executed concurrently. As such, it's possible this schedule can be decreased by as much as 18 months.

The plant will continue to operate during construction and excess flows in the Tijuana River will continue to be diverted to Punta Bandera.

3. Minute 328 - Mexico

In addition to efforts for the SBIWTP, \$144 million has been committed by Mexico for the 14 infrastructure projects under Minute 328. Approximately 40% of funding has been secured. IBWC and U.S. EPA hold monthly status review meetings of these projects with Mexico.

- Project 1B, Pump Station 1- construction begins in mid-2025
- Project 3, International bypass collector Phase 1- completion March 2025
- Project 11, Reuse of effluent in Mexico project under development
- Project 14, New San Antonio de los Buenos WWTP- completion early 2025
- Project 15, 4 Gate Projects-contracting in early 2025



4. Urgent Action on Tijuana River Flows

IBWC is very concerned about the high flows and sediment entering the United States from Mexico in the Tijuana River. During the dry season, pump station PBCILA should be diverting flows to achieve zero or minimal transboundary flows. We are implementing steps to identify the sources. This plan includes:

1. Accelerated Commissioner-level meetings;
2. Water data from Tijuana Utility;
3. Review of satellite imagery;
4. Binational river inspections; and
5. U.S.-Mexico collaboration.

Recent Investments: USIBWC funds redirected since 2021 for SBIWTP = \$31 Million
18 Projects Completed since 2021 totaling \$7.5 Million

Urgent repairs at SBIWTP to restore performance and add redundancy in process:

ACTION	DESCRIPTION	COST	DATE AWARDED	NOTES
Repair Influent flow meter and associated piping and valves	Replace deteriorated Cement-Lined Ductile Iron (CLDI) piping and flow meter	\$1,791,532	8/17/2021	Completed
Clean PSTs #1-4	Emergency Maintenance due to excess trash and sediment from excess inflows from MX	\$1,782,473	7/28/2023	Completed
Repair Junction Box #1	Design and construction	\$5,793,110	8/10/2023	Completion expected August 2025
Rehab PSTs #1-5	Emergency Maintenance due to trash and sediment from excess inflows from MX	\$2,384,511	8/14/2023	Completed
USST Valves and Piping Replacement	Rehab USST #1&2	\$ 2,979,490	9/29/2023	To be Completed Summer 2025
Backup Pumps & Motors	For redundancy after TS Storm Hilary	\$ 3,992,690	9/29/2023	Pumps on order. To be Completed December 2025
		\$197,543	8/9/2024	Modification for required electrical work
Clean Grit Chambers	Emergency Maintenance due to trash and sediment from excess inflows from MX	\$439,065	2/16/2024	Completed May 2024
4 Backup Influent Pumps	For redundancy after TS Storm Hilary	\$1,908,000	3/25/2024	Pumps on order
Rehab Belt Filter Presses #1-4	Rapid deterioration caused by sand in sludge	\$4,668,046	5/10/2024	Completion Summer 2025 Modifying for additional work
Hollister Street Pump Station Repairs	Clean out surge tanks filled with sediment and perform electrical repairs	\$161,000	8/2/2024	Completed September 2024
Total =		\$26,097,460		

MOVING FORWARD – IBWC IS WORKING ON THE FOLLOWING KEY FRONTS

1. **Completion of urgent repairs for permit compliance and redundancy: Ongoing since 2023**
2. **SBIWTP Expansion/Rehabilitation: Progressive design build awarded August 2024**
3. **Minute 328 – Ongoing monitoring progress of Mexico’s projects**
4. **Urgent action on Tijuana River Flows**



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