



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.



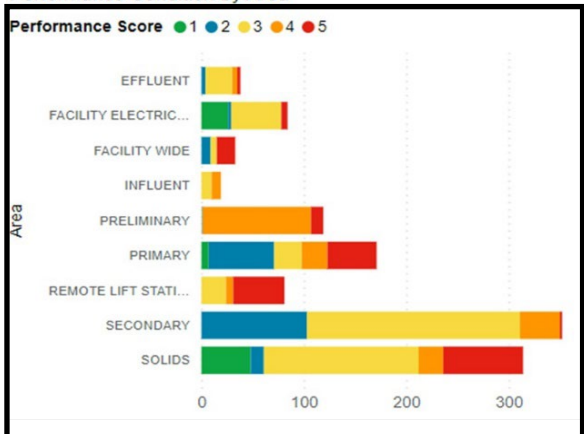
Before and after: Sediment and debris accumulation in a primary sedimentation tank resulting in compliance issues.

1. Urgent Repairs for Permit Compliance

Since 2021, IBWC redirected \$34 million to SBIWTP to address the damage caused by Tropical Storm Hilary and continued high flows from Mexico that bring unexpected large volumes of debris and trash which have caused issues with our discharge permit. Weekly communication on repair progress with the San Diego Regional Water Quality Control Board ensures transparency. *See list of projects on reverse side.*

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.

IBWC Minute 328: signed July 19, 2022, to implement infrastructure projects and improve sanitation conditions in San Diego-Tijuana

2. SBIWTP Rehabilitation and Expansion

Facility Assessment/Pre-design:

Start: October 2022; End: November 2023

Procurement phase:

Start: December 8, 2023; Award: August 20, 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. Estimated total cost \$600M. Secured funding \$650M.

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.

Key projects underway in Tijuana:

- International bypass collector
- Rehabilitation of pump station PB1
- New San Antonio de los Buenos WWTP
- Reuse of effluent in Mexico
- Tijuana River Gates



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 = \$34 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	Complete by 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	Complete by Summer 2025
Backup Pumps & Motors	For redundancy after TS Storm Hilary	\$3,992,690	9/29/2023	Complete by 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	Complete by May 2024
4 Backup Influent Pumps	For redundancy after TS Storm Hilary	\$1,908,000	3/25/2024	Pumps on order Complete by Summer 2025
Rehab Belt Filter Presses #1-4	Rapid deterioration caused by sand in sludge	\$4,668,046	5/10/2024	Complete by 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
Rehab Grit Facility	Replace grit classifiers, gallery, Blowers, piping/valves and other components	\$7,560,323	3/29/2025	Estimated completion October 2026
Replacement of Silva Drain and conveyance lines to JB2	Replace collector structure and conveyance line to JB2, install 4 manholes	\$637,012	4/21/2025	Estimated completion May 2025
Rehab Hollister and Goats Pump Station	Replace Surge Arrestor system, Pumps, Odor Control, and electrical systems	TBD	TBD	Funding approved. Proposal expected the end of April
Total =		\$34,294,795		

SBIWTP Background

1997: SBIWTP initiates operation, advanced primary treatment, 25 mgd/75 mgd peak	Construction cost = \$147M
2011: Secondary treatment in operation, 25 mgd/50 mgd peak	Construction cost = \$93.3M
2018: Secondary treatment expansion to increase efficiency	Construction cost = \$18.2M

MOVING FORWARD – IBWC IS WORKING ON THE FOLLOWING KEY FRONTS

1. Continuation of urgent repairs for redundancy: Ongoing since 2023. Permit compliance achieved in November 2024 with completed urgent repairs.
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, including focus on PBCILA.



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