



NORTH AMERICAN DEVELOPMENT BANK

## PROJECT CLOSEOUT FACT SHEET

Project:	South Bay Water Reclamation Plant		
Location:	San Diego, California	Certification Date:	June 18, 1997
Type:	Wastewater	Operation Startup:	January 1, 2000
Population Benefitted:	1,200,000	Closeout Date:	May 2021

### Pre-project Conditions

The City of San Diego Water Department provides water service to the city from three water treatment plants. Approximately 90% of the city's water supply is imported, mainly from the Colorado River. This dependence on external sources of supply led to high water costs and increased conservation efforts, including water reuse projects. Wastewater treatment was provided by the San Diego Metropolitan Wastewater Department (MWWD), which was responsible for upgrading and expanding the Metropolitan Sewerage System (Metro). The Metro System was treating approximately 190 million gallons per day (mgd) of wastewater at the Point Loma Wastewater Treatment Plant (WWTP) built in the 1960's. Unused effluent was conveyed through the South Bay Ocean Outfall and discharged to the Pacific Ocean. The South Metro Interceptor, which conveyed wastewater from the South Bay area to Point Loma, had reached its maximum capacity and showed signs of corrosion. A study completed in March 1993 indicated the need to increase capacity.

### Project Objective

Increase wastewater treatment capacity in the South Bay area to support the Point Loma WWTP and provide a new source of reusable water for the community.

### Project Scope

Construction of a 7.0-mgd activated sludge WWTP, with secondary and tertiary treatment facilities, which included an operations and maintenance building, a chemical building and parking areas. The treatment process included influent screening, grit removal, primary sedimentation, activated sludge processes, secondary sedimentation, coagulation, filtration, and ultraviolet light disinfection.



## Project Results

Outputs	Indicator	Target in 1997 (at certification)	Actual (2001)
Activated sludge treatment plant	Millions of gallons a day (mgd)	7.0	7.0

Outcomes	Indicator	Target in 1997 (at certification)	Actual (2001)
Wastewater discharges eliminated	Millions of gallons a day (mgd)	6.06	6.06
Institutional capacity strengthened	Compliance with applicable norms and regulations	100%	100%

### Significant Contribution of the Project

The project provided a new source of reclaimed water, lessening dependence on imported water supplies and offsetting the need for new water supply sources.

## Project Financing (USD)

Sources of Funding	Estimated at certification	Actual Amount
NADB BEIF construction grant*	\$ 17,202,462	\$ 17,202,462
Other sources**	82,385,538	82,385,538
<b>Total</b>	<b>\$ 99,588,000</b>	<b>\$ 99,588,000</b>

\* Border Environment Infrastructure Fund (BEIF) funded by the U.S. Environmental Protection Agency (EPA) and administered by NADB

\*\* Other sources include tax and revenue certificates of obligation and an EPA grant for design costs.