



USIBWC

South Bay International
Wastewater Treatment Plant
Secondary Treatment





CONSTRUCTION LEADERS

Existing Plant

Headworks (5) Influent Pumps
Mechanical Bar Screens (3) / Grit Washers (2)
Aerated Grit Chamber (1)
Primary Sedimentation Tanks (5 each)
Unstabilized Sludge Storage (1 tank)
Belt Filter Press Dewatering (4 each)
Lime Stabilization (2 trains)
Truck Loading Building
Odor Control Stations (4 ea)
Influent and Effluent Meters
Solids Processing Bldg (Current Admin Building)
Emergency Generator (1) 2kW



CONSTRUCTION LEADERS

Secondary Plant

- Activated Sludge Tanks (7 ea)
- Secondary Sedimentation Tanks (10 ea)
- Return Activated Sludge Pump Station
- Waste Activated Sludge Pump Station
- Skimmings Pump Station
- Unstabilized Sludge Storage Tank (1)
- Dissolved Air Flotation Thickeners (2)
- Operations and Maintenance Building/Plant
Control Center
- Second Emergency Generator



CONSTRUCTION LEADERS

Construction Status

Expected Project Completion 3/3/11

Award Amount: \$87,637,816

Current Contract Amount: \$87,728,405

Approximately 15% Complete as of
June 30, 2009

Deep Dynamic Compaction



Excavation and Groundwater



SST SOG Prep and Groundwater



Tower Cranes



American Pride placing fabric for AST trench Footings



SST Pump Gallery – Slab Formwork



PCL pouring slab at SST



SST Wall Construction



PCL Bucketing Concrete at SSK Sump





CONSTRUCTION LEADERS

Webcam can be viewed at

<http://oxblue.com/pro/open/pcl/southbayinternationalwastewatertreatmentplant>

**South Bay International
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WebCam View Updates Every 15 Minutes

