

**Monthly Construction Summary Report
South Bay International Wastewater Treatment
Plant – Secondary Treatment Upgrade
October 24, 2009**



Aeration Basins/Secondary Sedimentation Tanks - Aerial View Looking East



Secondary Sedimentation Tanks- North Half



72" Diameter Influent Pipe to Aeration Basins Influent Channel



Aeration Basin Walkways



Installing Ductile Iron Pipe



AST Effluent Channel

1. Overview - (Progress Report From Week of October 20) - Completed concrete for AST tank short walls adjacent to the effluent channel. Poured AST gallery intermediate deck. Continued forms and rebar and began pouring AST elevated walkways. Backfilled on west side of ASTs to facilitate effluent channel SOG. Continued rebar, forms, and concrete for SST walls and SSK PS walls. Prepared subgrade for NPW PS sump and poured floor and walls. Poured SOG for DAF No. 1 and thickened slab section for DAF No.2. Poured USST sludge mixing pump station SOG. For 72" SE at AST influent box, set 90 degree bend and 2 sections of FRP pipe and poured encasement. Began buried fuel piping for new generator.
2. Project Schedule
 - a. Notice to Proceed Signed November 24, 2008
 - b. Construction Duration 730 days
 - c. On site work began January 5, 2009
3. Project Financial Information
 - a. Award Amount \$87, 637, 816
 - b. Modification No. 1 - \$179,150
 - c. Modification No.2 - \$62,819
 - d. Modification No. 3- No cost change
 - e. Modification No. 4 – VE (\$151,380)
 - f. Modification No. 5 – VE (\$35,939)
 - g. Modification No.6 – Cancelled
 - h. Modification No. 7 – No cost change
 - i. Modification No. 9 - \$555 (definitization of Unilateral Mod No.7)
 - j. Modification No.11 - VE (\$8,224.69)

Project Status

- k. Approximately 30 PCL salary personnel are on site, 100 additional personnel have been hired. To this date, 9 of 28 subcontractors have worked, or are currently working, on site.
 - l. PCL has submitted 428 Requests for Information (RFIs); approximately 97% have been answered: of 300 submittals, approximately 280 have been answered.
4. Site Conditions
 - a. Dry
 5. Key Events
 - a. None
 6. Detailed Project Schedule – Due to excusable Government delays from Deep Dynamic Compaction (DDC) and Standard Penetrometer Test (SPT) modifications 1 and 2, the project is approximately 2 months behind schedule. A time extension has not yet been issued, but an additional 70 days have been negotiated for this delay. Due to inadequate definition of instrumentation and control schematics and descriptions in the contract documents, the project has suffered an additional delay. Those issues have now been worked out through a series of workshops between PCL, the construction manager, and the Government. Current schedule identifies an April 14, 2011 completion date, however the schedule and PCL still maintain that advanced primary effluent will be treated by the compliance date of January 5,

2011. The latest schedule from the September progress update is shown on the attachment .pdf file.

7. WebCam – PCL has installed a webcam. Address of the website is <http://oxblue.com/pro/open/pcl/southbayinternationalwastewatertreatmentplant>