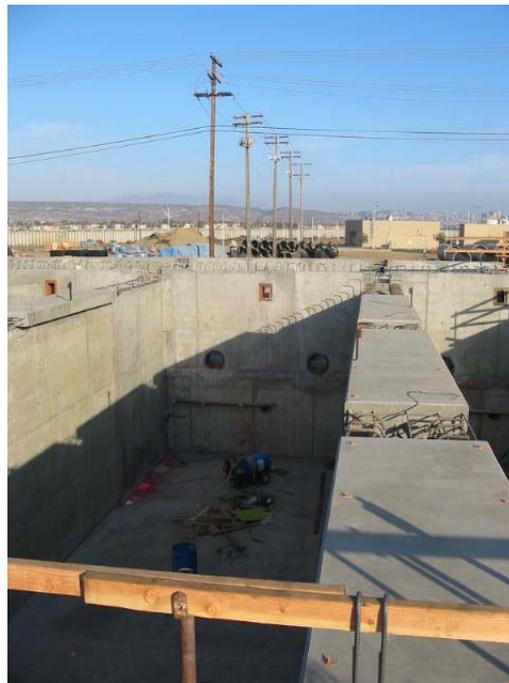


**Monthly Construction Summary Report  
South Bay International Wastewater Treatment  
Plant – Secondary Treatment Upgrade  
November 24, 2009**



**Secondary Sedimentation Tanks - 84" dia Effluent Pipe Outlet**



**Aeration Tanks- East Side Influent End**



**Connecting Channel Between Aeration and Secondary Sedimentation**



**Aeration Basin North South Walkways**



**Dissolved Air Flotation Thickeners**



**Plumbing Rough in For O&M Building**

1. Overview - (Progress Report From Week of November 16) - Continued forms and concrete for AST influent channel walls and tank east end tee walls. Continued forms, rebar and concrete for AST east/west elevated walkways and continued shoring and decking for north/south walkways. Continued rebar and forms for AST

effluent channel walls and AST/SST connector channel walls. Continued shoring for SST influent channel deck and for SST driveway deck. Continued forms and concrete for SST walls. Poured lower stairway at west end of SST gallery. Forming beams and intermediate deck at RAS/WAS Pump Station. Completed buried RS piping at USST #2. Completed repair of existing buried NaHSO<sub>3</sub> line. Began 8" NPW west of USSTs.

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)
- k. Modification No. 12 – VE (\$5,175)

Project Status

- l. 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.
- m. PCL has submitted 447 Requests for Information (RFIs); approximately 98% have been answered: of 338 submittals, approximately 315 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, and inadequate definition of instrumentation and control schematics and descriptions in the contract documents, the project is approximately 4 months behind schedule. A time extension has not yet been issued for Mods 1 and 2, but an additional 70 days have been negotiated for this delay. The instrumentation and control issues have now been worked out through a series of workshops between PCL, the construction manager, and the Government. Current schedule identifies a May 12, 2011 completion date, however this is subject to further review and discussion. The latest schedule from the October 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>

