

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



Secondary Sedimentation Tanks - 84" dia Effluent Pipe Outlet



Secondary Sedimentation Walkways



Aeration Basins - North South Walkways



Secondary Sedimentation Tanks



Connecting Channel Between Aeration and Secondary Sedimentation



Slab Preparation for O&M Building

1. Overview - (Progress Report From Week of Dec22) – Poured AST influent box walls. Poured RAS chlorination vault SOG. Continued forms, rebar and concrete

for AST east/west and north/south elevated walkways. Continued forms, rebar and concrete for SST influent channel deck. Completed SST driveway deck. Continued shoring, decking, rebar, and concrete for launder beams. Continued forms, rebar and concrete for SST gallery walls. Continued forms, rebar and concrete for SST gallery intermediate deck. Completed 4" and 6" drains at DAFTs and began 14" UF. At Operations Building, installed conduits and trap primer lines, and placed 6" of fill concrete above slab vapor barrier. At Maintenance Bldg, poured jib crane foundation. Continued exposed 4" NPW and 6" CDW at existing Effluent Blending Structure. Received diesel storage tank and set in place.

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 – install duct bank vs bus duct
- 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)
- l. Modification No. 13 – cancellation of Modification No. 6
- m. Modification No. 14 - \$7,342 (addition of jib crane)
- n. Modification No.15 - time extension of 70 calendar days for Mods 1 and 2
- o. Modification No. 16 - \$1,857 (definitization of Mod 14)
- p. Modification No.17 - \$11,377 (I&C Participation)

Project Status

- q. 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.
- r. PCL has submitted 455 Requests for Information (RFIs); approximately 99% have been answered: of 367 submittals, approximately 350 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 been issued for Mods 1 and 2 in the amount

of 70 additional days. The instrumentation and control issues have now been worked out through a series of workshops between PCL, the construction manager, and the Government, however a modification to cover this additional delay and cost is still pending. The Contractor's current schedule identifies a May 16, 2011 completion date, however this is subject to further review and discussion. At this time the USIWBC is exploring alternatives for project acceleration so that SBIWTP effluent will be compliant with the secondary standard by January 5, 2011. We expect that we will have an agreement in place with the Contractor on an acceleration method by the end of January 2010.

7. The latest schedule from the November progress update is shown on the attachment .pdf file. This monthly schedule update is for information purposes only and does not ascertain, affirm or infer definitive changes to the contract's base-line schedule, which represents the contractual performance period agreed upon by the parties. Any implied or actual impact on the schedule as reported in this update is subject to review and negotiation prior to acceptance into the base-line schedule by the IBWC.
8. WebCam – PCL has installed a webcam. Address of the website is <http://oxblue.com/pro/open/pcl/southbayinternationalwastewatertreatmentplant>