

**Monthly Construction Summary Report
South Bay International Wastewater Treatment Plant
Secondary Treatment Upgrade
May 24, 2010**



**Foreground - AST Baffle, Mixers
Background - Blower Building**



EIFS System, Operations Building



IMLR and NPW Piping Inside AST No. 1



Dissolved Air Flotation Thickener Tank



DAF Tank Layout Assembly and USST #2 in Background



Installing NPW Piping

1. Overview - (Progress Report From Week of May 17) – Continued installation of baffle walls. Continued installation of mixer brackets and completed installation of mixer hoists. Continued NPW and IMLR piping in tanks. Began installation of CA piping in influent and effluent channels. Began handrail installation at influent channel. SSTs – Poured 12 kV Substation SOG and footings for LCC building. Continued handrail at influent channel. Continued epoxy on wals in launder areas

(now finishing in Tanks 7-10). Grouted WAS pumps and continued process piping in gallery. DAF- Patching and rubbing LCC Bldg walls and ceiling. Continued painting tank mechanisms. Began erection of steel tanks. USST #2- Concrete point and patching on walls. Blower Bldg.- Continued forms rebar and concrete for walls. O&M Bldgs – Continued EIFS system. Continued ductwork. Completed roofing system. Continued interior drywall and insulation. Sitework – Continued installation of buried chemical double containment lines. Continued miscellaneous buried pipe testing. Neal continued ductbanks on east side of SSTs and in polymer area. Misc- Parada continued painting unassembled DI pipe in yard. PCL continued PERC line closure. Placed upper backfill at misc tank locations.

2. Project Schedule

- a. Notice to Proceed Signed November 24, 2008
- b. Construction Duration 830 days
- c. On site work began January 5, 2009

3. Project Financial Information

- a. Award Amount \$87, 637, 816
- b. Current Contract Amount \$92,008,880
- c. Modification No. 1 - \$179,150
- d. Modification No.2 - \$62,819
- e. Modification No. 3- No cost change
- f. Modification No. 4 – VE (\$151,380)
- g. Modification No. 5 – VE (\$35,939)
- h. Modification No.6 – install duct bank vs bus duct
- i. Modification No. 7 – No cost change
- j. Modification No. 8 – Not Used
- k. Modification No. 9 - \$555 (definitization of Unilateral Mod No.7)
- l. Modification No. 10 -\$2,000
- m. Modification No.11 - VE (\$8,224.69)
- n. Modification No. 12 – VE (\$5,175)
- o. Modification No. 13 – cancellation of Modification No. 6
- p. Modification No. 14 - \$7,342 (addition of jib crane)
- q. Modification No.15 - time extension of 70 calendar days - Mods 1 and 2
- r. Modification No. 16 - \$1,857 (definitization of Mod 14)
- s. Modification No.17 - \$11,377 (I&C Participation)
- t. Modification No. 18 - \$52,074 (I&C additions)
- u. Modification No. 19 - \$7,000 add VPN (unilateral)
- v. Modification No.20 - \$850,000 (acceleration- unilateral)
- w. Modification No. 21 – \$12,022 (RFIs 427 and 385)
- x. Modification No. 22 - \$19,846 (Submittal 11 82 18 increase slab thickness Blower Bldg and RFI 328)
- y. Modification No.23 - \$3,170,715 (definitization of Mod 20, acceleration with secondary compliance date of January 5, 2011 and final contract completion date of April 15, 2011.)
- z. Modification No. 24 - \$15, 949 (Definitization of Mod 19)

- aa. Modification No. 25 - \$24,900 (Addition of C channels or HVAC, modify sump pump electrical, add conduits between MCC –SST1 and LCC-SST1, change lighting fixtures at SST Effluent Area.)
- bb. Modification No. 26 - \$25,132 (Add AST Corner Reinforcing Steel, Add 6 electrical conduits from EH33A to SST, Add Conduits between SST-LC1 and TPB)
- cc. Modification No. 27- \$70,728 (Add Automatic Transfer Switch, Add SST Wall Recesses, Add Upgrade SST and AST Sump Pumps)
- dd. Modification No. 28 – \$16,840 (Add Drain Lines for TWAS Pumps, Add Widen North Wall SST Effluent Channel, Relocate NPW and PWA Piping around SDG&E Power Pole.
- ee. Modification No. 29 \$41,477 (Add Floor Drain Changes, Add Change to Existing PCL Switchgear with Allen Bradley Compact Logix)

4. Project Status

Approximately 30 PCL salaried personnel are on site, 100 additional personnel have been hired. To this date, 17 of 28 subcontractors have worked, or are currently working, on site.

PCL has submitted 566 Requests for Information (RFIs); approximately 98% have been answered: of 586 submittals, approximately 560 have been answered.

5. Site Conditions

- a. Dry

6. Key Events

- a. None

7. Detailed Project Schedule – The USIBWC has issued a unilateral modification to accelerate the contract performance period to insure that SBIWTP effluent will be compliant with the secondary standard by January 5, 2011. A final agreement on the modification was reached and a letter was sent to the San Diego Regional Water Quality Control Board on March 23, 2010. Scheduled date of final contract completion will be April 15, 2011.
8. The latest schedule from the proposed March acceleration schedule/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.

