

Additional Construction Progress Photos

Assembly of Stainless Steel Lake Intake Pipe



NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

Prepared for:

John Hollenbeck
San Luis Obispo County Flood Control & Water Conservation District
Nacimiento Water Project
NWP Project No. 300187.08

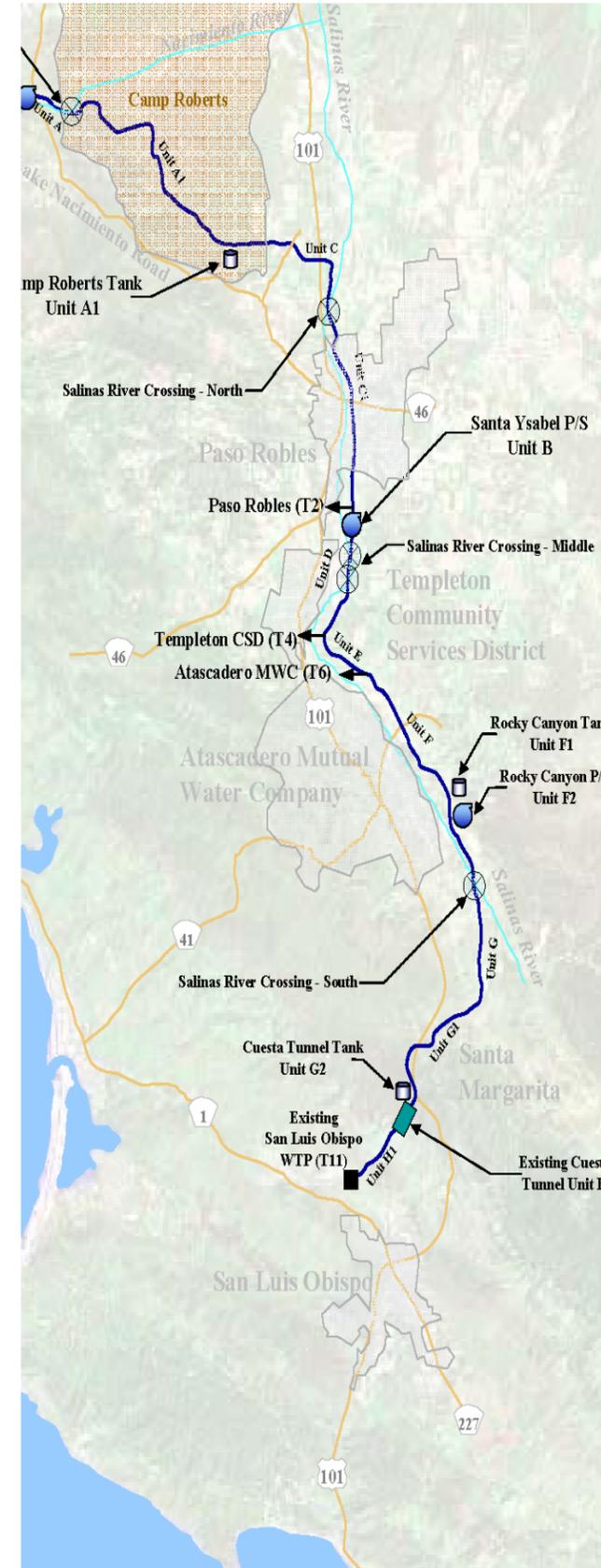
SUMMARY CONSTRUCTION REPORT NO. 10

Reporting Period: 9/1/08 to 9/30/08
September 2008

Construction – Team Effort
Bid Package 1 – Lake Intake
Bid Package 2 – Facilities
Bid Package 3 – Pipeline North
Bid Package 4 – Pipeline Central
Bid Package 5 – Pipeline South

Submitted by:

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Program Summary Schedule

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	2007	2008	2009	2010
Contract No.1- Intake										
A1102	Pre Construction Activities - Contract No. 1	107"	0"	100	01MAY07A	01OCT07A	█			
A1120	Contract No. 1 (Intake) Bid Period:	53"	0"	100	01MAY07A	16JUL07A	█			
A1320	Contract No. 1 - Intake	480"	118"	85	25OCT07A	26JAN09	█	█		
A1440	Intake Shaft Construction	252"	26"	95	12NOV07A	05NOV08	█	█		
A1580	Lake-Top Operations & Underwater Work	225"	40"	63	11JAN08A	25NOV08	█	█		
A1530	Microtunnel Installation	43"	22"	20	02SEP08A	30OCT08		█		
A1780	Commissioning - Contract No. 1	68"	68"	0	20OCT08	26JAN09			█	
Contract No.2- Pump Stations, Tanks, SCADA, etc										
A1155	Pre Construction Activities - Contract No. 2	84"	0"	100	02JUL07A	01OCT07A	█			
A1310	Contract No. 2 Bid Period	33"	0"	100	02JUL07A	16AUG07A	█			
A1745	Contract 2 - Pump Stations & Tanks	628"	407"	15	19NOV07A	05MAY10		█	█	
A2410	Construction - Rocky Canyon Pump Station & Tank	323"	194"	15	31MAR08A	06JUL09		█	█	
A2660	Construction - Cuesta Tunnel Tank	221"	157"	20	01JUL08A	12MAY09		█	█	
A2240	Construction - Santa Ysabel Pump Station	281"	225"	10	14JUL08A	18AUG09		█	█	
A2120	Construction - Camp Roberts Tank	199"	199"	0	01OCT08	13JUL09			█	
A1950	Construction - Intake Pump Station	202"	202"	0	15DEC08	29SEP09			█	
A2840	Overall System Startup Testing	53"	53"	0	19AUG09	02NOV09				█
A2900	Commissioning - Contract No. 2	182"	182"	0	19AUG09	05MAY10				█
Contract No.3- Pipeline North										
A1195	Pre Construction Activities - Contract No. 3	84"	0"	100	01MAY07A	28AUG07A	█			
A1200	Contract No. 3 (PL North) Bid Period:	56"	0"	100	01MAY07A	16JUL07A	█			
A2870	Contract No. 3 - Pipeline North (Units A, A1, C)	805"	376"	35	07NOV07A	23MAR10		█	█	
A3170	Commissioning - Contract No. 3	0"	0"	0	29APR10	28APR10				█
Contract No.4- Pipeline Central										
A1238	Pre Construction Activities - Contract No. 4	95"	0"	100	01MAY07A	29AUG07A	█			
A1240	Contract No. 4 (PL Middle) Bid Period:	61"	0"	100	01MAY07A	26JUL07A	█			
A3250	Contract No 4 Pipeline Central (Units D, E, F)	518"	276"	85	19OCT07A	29OCT09		█	█	
A3590	Commissioning - Contract No. 4	82"	82"	0	07JUL09	29OCT09				█
Contract No.5- Pipeline South										
A1278	Pre Construction Activities	95"	0"	100	01MAY07A	29AUG07A	█			
A1280	Contract No. 5 (PL South) Bid Period:	66"	0"	100	01MAY07A	29AUG07A	█			
A3560	Contract No 5 Pipeline South (Units G, G1, H)	529"	292"	58	26OCT07A	20NOV09		█	█	
A3930	Commissioning - Contract No. 5	206"	206"	0	03FEB09	20NOV09				█

Nacimiento Water Project
(Contract 300187.08)

Project Value: \$176,057,695
Designer: Black & Veatch
Final Completion: November 5, 2010

Prior Month's Main Accomplishments:

- Completed Lake Intake vertical shaft and placed bottom slab.
- Installed intake shaft pipe supports PS-6 and PS-5.
- Excavation and re-compaction at Santa Ysabel site.
- Re-alignment of Templeton Road.
- Installed pipe through mid-river HDD.
- Installed T-4 turn-out HDD
- Repaved Sandoval Road

Work Completed This Month:

- Installed intake shaft pipe supports PS-3 and PS-4.
- Set-up of tunnel boring machine at Lake Intake.
- Milestone #1 (mid river HDD) for Central Pipeline.
- Jack & bore casing under Santa Ysabel Creek.
- Paving repairs at Booster Pump Station frontage road.



Pipe Installation – South River Road

Milestones:

System operationally tested and pumping water by December 2010

Construction Progress:

- Installed approximately 146,585 ft. of pipeline through September (24,285 ft. for the North Pipeline and 72,500 ft. for the Central Pipeline and 49,800 ft. for the South Pipeline).
- Completed testing of 70,043 ft. of pipeline.
- Completed repaving of 72,207 ft. of pipeline trench.

Lake Intake
(Contract 300187.08.01)

Contract Value: \$20,852,138
Contractor: James W. Fowler Co.
Final Completion: January 25, 2009

Prior Month's Main Accomplishments:

- Completed Lake Intake vertical shaft and placed bottom slab.
- Installed intake shaft pipe supports PS-6 and PS-5.

Work Completed This Month:

- Installed intake shaft pipe supports PS-3 and PS-4.
- Set-up tunnel boring machine.

Budget:

- \$16,859,998.00 in payment requests
- \$38,538.00 in changes through this month



Jacking tunnel sections

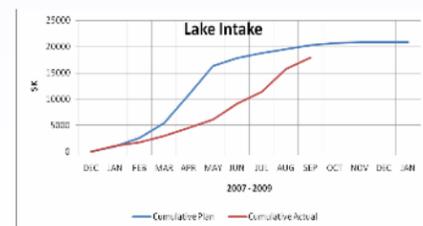
Schedule:

Horizontal tunneling began towards the lake. With the remaining work for the hydraulic power unit, installation of the intake pipe and connection to the tunnel, the project is on schedule for substantial completion by the end of November.

Progress:

Work in Place - \$17,900,677.00
% Complete – 86.0
Time Used – 75.6%

Scheduled Budget vs. Approved Invoice:



Facilities
(Contract 300187.08.02)

Contract Value: \$25,546,468
Contractor: Mountain Cascade, Inc.
Final Completion: November 5, 2010

Prior Month's Main Accomplishments:

- Excavation and re-compaction at Santa Ysabel site.

Work Completed This Month:

- Site piping at Cuesta Tank and Rocky Canyon Pump Station.
- UXO investigation of Camp Roberts Tank Site.

Budget:

- \$2,542,802.00 in payment requests
- (\$41,532.00) in changes through this month



Cuesta Tank - Site Piping

Schedule:

The contractor is currently behind schedule, progress at Rocky Canyon has been disrupted by having to replace the tank ring beam and pump bases. Work continues on site piping at Cuesta and Rocky Canyon. Site clearing and excavation began at Camp Roberts.

Progress:

Work in Place - \$2,998,121.00
% Complete – 11.7
Time Used – 31.6%

Scheduled Budget vs. Approved Invoice:



Pipeline North
(Contract 300187.08.03)

Contract Value: \$39,894,852
Contractor: Teichert Construction
Final Completion: March 23, 2010

Prior Month's Main Accomplishments:

- Pipe installation on Santa Ysabel and South River Roads, 2,570 ft.
- Tested 1,720 ft of installed pipe
- Repaved 6,970 ft. of trenched areas

Work Completed This Month:

- Installed 7,699 ft. of pipe

Budget:

- \$10,873,810.00 in payment requests
- \$1,539,607.00 in changes through this month



Pipe Installation- North River Road

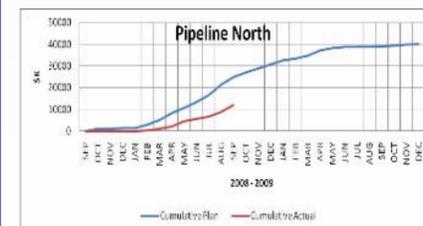
Schedule:

Contractor continued pipe installation through Paso Robles on South River Road. Pipe installation started overland, west of North River Road. Site investigation and layout began on Camp Roberts; progress has been slowed by coordinating pipe deliveries with access to overland areas.

Progress:

Work in Place - \$12,082,011.00
% Complete – 30.1
Time Used – 40.2%

Scheduled Budget vs. Approved Invoice:



Pipeline Central
(Contract 300187.08.04)

Contract Value: \$22,671,077
Contractor: Whitaker Contractors, Inc.
Final Completion: October 29, 2009

Prior Month's Main Accomplishments:

- Installed 9,243 ft. of pipe
- Re-alignment of Templeton Road.
- Installed pipe through mid-river HDD.
- Installed T-4 turn-out HDD

Work Completed This Month:

- Installed 9,288 ft. of pipe
- Tested 12,758 ft. of pipe
- Paved 6,650 ft. of pipe trench

Budget:

- \$19,403,794.00 in payment requests
- (\$26,023.00) in changes through this month



Installing Pipe – El Pomar Road

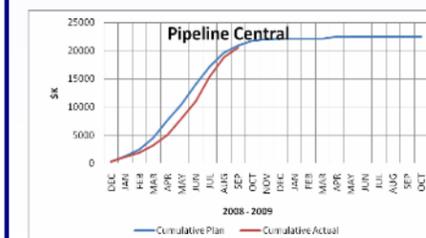
Schedule:

The contractor is well ahead of schedule, and should complete mainline pipe installation next month. The tie-ins, testing and fiber optic system and appurtenance work is expected to complete in November.

Progress:

Work in Place - \$20,537,347.00
% Complete – 91.6
Time Used – 47.1%

Scheduled Budget vs. Approved Invoice:



Pipeline South
(Contract 300187.08.05)

Contract Value: \$16,869,531
Contractor: Southern California Pipeline
Final Completion: November 21, 2009

Prior Month's Main Accomplishments:

- Installed 2,898 ft. of pipe
- Repaved Sandoval Road
- Bore & jack installations at Halcon Road and Yerba Buena Creek.

Work Completed This Month:

- Installed 11,630 ft. of pipe
- Paved 4,500 ft. of pipe trench

Budget:

- \$9,922,296.00 in payment requests
- \$536,937.00 in changes through this month



Pipe Installation – Rocky Canyon Road

Schedule:

Contractor is ahead of schedule and began work south of the Cuesta Grade, in very difficult terrain. After 15 October work sites will be very limited due to environmental constraints.

Progress:

Work in Place - \$10,991,440.00
% Complete – 67.3
Time Used – 46.5%

Scheduled Budget vs. Approved Invoice:

