

# Additional Construction Progress Photos

Layout of 36" Pipe towards Lake Nacimiento



## Program Summary Schedule

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	2007	2008	2009	2010
<b>Contract No. 1 - Intake</b>										
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	460'	57'	65	25OCT07A	26JAN09		█		
A1440	Intake Shaft Construction	295'	27'	95	12NOV07A	08JAN09		█		
A1580	Lake-Top Operations & Underwater Work	251'	24'	63	11JAN08A	05JAN09		█		
A1530	Microtunnel Installation	85'	22'	20	02SEP08A	31DEC08			█	
A1760	Commissioning - Contract No. 1	17'	17'	0	02JAN09	26JAN09				█
<b>Contract No. 2 - Pump Stations, Tanks, SCADA, etc</b>										
A1155	Pre Construction Activities - Contract No. 2	64'	0'	100	02JUL07A	01OCT07A	█			
A1310	Contract No. 2 Bid Period	33'	0'	100	02JUL07A	16AUG07A	█			
A1745	Contract 2 - Pump Stations & Tanks	628'	365'	15	19NOV07A	05MAY10		█		
A2410	Construction - Rocky Canyon Pump Station & Tank	365'	194'	15	31MAR08A	02SEP09		█		
A2660	Construction - Cuesta Tunnel Tank	263'	157'	20	01JUL08A	13JUL09		█		
A2240	Construction - Santa Ysabel Pump Station	281'	183'	10	14JUL08A	18AUG09		█		
A2120	Construction - Camp Roberts Tank	262'	199'	10	01SEP08A	10SEP09		█		
A1950	Construction - Intake Pump Station	202'	202'	0	15JAN09	28OCT09			█	
A2840	Overall System Startup Testing	53'	53'	0	19AUG09	02NOV09				█
A2900	Commissioning - Contract No. 2	182'	182'	0	19AUG09	05MAY10				█
<b>Contract No. 3 - Pipeline North</b>										
A1195	Pre Construction Activities - Contract No. 3	84'	0'	100	01MAY07A	28AUG07A	█			
A1200	Contract No. 3 (PL North) Bid Period:	56'	0'	100	01MAY07A	19JUL07A	█			
A2870	Contract No. 3 - Pipeline North (Units A, A1, C)	605'	334'	35	07NOV07A	23MAR10		█		
A3170	Commissioning - Contract No. 3	0'	0'	0	26MAY10	25MAY10				█
<b>Contract No. 4 - Pipeline Central</b>										
A1238	Pre Construction Activities - Contract No. 4	85'	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'	234'	90	19OCT07A	29OCT09		█		
A3590	Commissioning - Contract No. 4	82'	82'	0	07JUL09	29OCT09				█
<b>Contract No. 5 - Pipeline South</b>										
A1278	Pre Construction Activities	85'	0'	100	01MAY07A	29AUG07A	█			
A1280	Contract No. 5 (PL South) Bid Period:	66'	0'	100	01MAY07A	02AUG07A	█			
A3560	Contract No 5 Pipeline South (Units G, G1, H)	529'	250'	68	26OCT07A	20NOV09		█		
A3930	Commissioning - Contract No. 5	206'	206'	0	03FEB09	20NOV09				█

Early Bar      CSX2      Sheet 1 of 1      Data Date      01DEC08  
 Progress Bar      San Luis Obispo Flood Control And Water Conservation District      Run Date      18DEC08 16:39  
 Nacimiento Water Project  
 Construction Summary Schedule  
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**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. 12

Reporting Period: 11/1/08 to 11/30/08  
 November 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:

JACOBS  
 Ed Weyrauch, Construction Manager  
 3650 La Cruz Way, Suite D  
 Paso Robles, CA 93446  
 805 434 – 0601

**Nacimiento Water Project**  
(Contract 300187.08)

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

**Prior Month's Main Accomplishments:**

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

**Work Completed This Month:**

- Installed 4,364 ft. of pipe.
- Paved 1,911 ft. of trench.
- Successfully pressure tested 21,258 ft. of pipe.



*Replacing Rocky Canyon Tank Ring Beam*

**Milestones:**

System operationally tested and pumping water by December 2010

**Construction Progress:**

- Installed approximately 155,542 ft. of pipeline through November (27,705 ft. for the North Pipeline and 72,906 ft. for the Central Pipeline and 54,931 ft. for the South Pipeline).
- Completed testing of 104,328 ft of pipeline.
- Completed repaving of 85,257 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:**

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

**Work Completed This Month:**

- Leveled the transition 'Tee' piece bench and placed 2ft lift of concrete.
- Completed the hydraulic piping between the HPU and the Intake pipe.
- Erected the walk-in enclosure and installed the HPU reservoir and control skids.

**Budget:**

- \$18,065,858.67 in payment requests
- \$38,538.00 in changes through this month



*Placing Concrete at Pipe Bench*

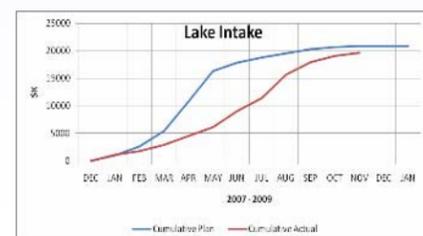
**Schedule:**

With the remaining work the project is no longer on schedule for substantial completion date of 11/26/08. The estimated substantial completion date is 1/5/09.

**Progress:**

Work in Place - \$19,643,215.00  
% Complete – 94.4  
Time Used – 88.3%

**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:**

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

**Work Completed This Month:**

- Replaced the concrete in the tank ring beam at Rocky Canyon
- Pump cans and site piping installed at the Santa Ysabel Pump Station.
- Site grading and the tank foundation installed at the Camp Roberts Tank

**Budget:**

- \$3,891,842.79 in payment requests
- (\$41,532.00) in changes through this month



*Camp Roberts Tank Base*

**Schedule:**

The contractor is behind schedule, progress at Rocky Canyon has been disrupted by having to replace the tank ring beam and pump bases.

**Progress:**

Work in Place - \$4,442,422.00  
% Complete – 17.4  
Time Used – 37.1%

**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:**

- Installed 7,699 ft. of pipe

**Work Completed This Month:**

- Completed Santa Ysabel Creek jack and bore
- Installed 1,896 ft. of pipe.

**Budget:**

- \$11,987,576.82 in payment requests
- \$1,539,607.00 in changes through this month



*Pipe Installation- South River Road*

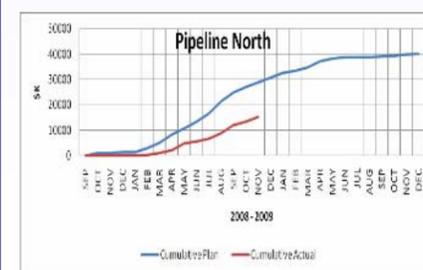
**Schedule:**

The contractor will continue with work in the more congested roadway segments of the project, through the intersection of Niblick Road to the connection point in front of the Kennedy Club. The Contractor will hydro-test all pipeline segments installed along South River Road and also the overland section along North River Road.

**Progress:**

Work in Place - \$15,177,356.00  
% Complete – 37.9  
Time Used – 47.0%

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

**Work Completed This Month:**

- Successful pressure test of 13,001 ft. of pipe.

**Budget:**

- \$19,833,463.04 in payment requests
- (\$26,023.00) in changes through this month



*Air/Vac Assembly and Pipe Bollards*

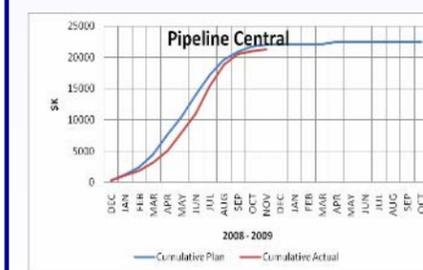
**Schedule:**

The contractor expects to complete all tie-ins, pipeline testing, appurtenances and fiber optic system work by the end of January 2009.

**Progress:**

Work in Place - \$21,263,471.00  
% Complete – 94.8  
Time Used – 55.3%

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

**Work Completed This Month:**

- Installed 1,896 ft. of pipe
- Paved 1,911 ft of trench.
- Successfully pressure tested 2,950 ft. of pipe.

**Budget:**

- \$10,731,452.04 in payment requests
- \$536,937.00 in changes through this month



*Removing Old Pipe – Stenner Creek Road*

**Schedule:**

The contractor will test the pipeline on Rocky Canyon Road to Santa Margarita Booster Pump Station.

Pipeline installation on Stenner Creek Road and on Hwy 58 will be completed next month.

The jack and bores at HWY 101 and the Tassajara Creek Road will be completed in the first quarter of 2009.

**Progress:**

Work in Place - \$12,586,936.00  
% Complete – 77.1  
Time Used – 54.4%

**Scheduled Budget vs. Approved Invoice:**

