

Memorandum

To	Don Spagnolo, General Manager – NCSD	Page	1
CC	Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelicher, Eileen Shields, Kirk Gonzalez		
Subject	Waterline Intertie Project – Design Phase Status Report		
From	Michael K. Nunley, AECOM		
Date	June 16, 2010		

The Project Team has completed the following work items this month:

1. AECOM continued work toward the Bid Package #4 (Pump Station, Reservoir, and Chloramination Systems) 90% submittal for submission on June 18.
2. Wallace Group, Hamner-Jewell and Associates (HJA), District staff and AECOM have completed drafting the application to the County, public lot map, and supporting documentation for creation of a Public Lot for the booster pump station and reservoir site. HJA is working with the current land owner to receive their signature on the application prior to submittal of the application package to the County.
3. HJA obtained a copy of the lease agreement for the Troesh surface mining on the Biorn property in the Santa Maria River. The project team has been reviewing this lease agreement and the County mining permit and is continuing discussions to determine appropriate protection of the pipeline from future mining.
4. AECOM attended the "All Hands" meeting for the Project on June 10th.

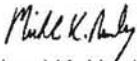
Schedule

The Project Schedule is attached.

Budget Status

As shown on the attached Design Budget and Invoice Summary, our fee earned is slightly ahead of the work completed under Task 3.

Yours Sincerely,



Michael K. Nunley, PE

Enclosures: Design Budget & Invoice Summary; Project Budget Summary; Project Schedule

Item	Description	Budgeted Amount May 2008 PER	Updated Amount 17-Mar-09	Updated Amount 22-Apr-09 Concept Design Report	Updated Amount Dec-09 60% Design Plans
1	Mobilization	\$580,000	\$580,000	\$607,000	\$706,800
2	Blosser Extension (18-in)	\$1,247,000	\$1,247,000	\$1,129,000	\$1,148,800
3	Pump Station No. 1 turnout & meter (Blosser Rd)	\$61,000	\$61,000	\$158,000	\$166,400
4	River Crossing (24-in HDD & levee jack & bore)	\$6,135,000	\$6,135,000	\$5,462,500	\$5,414,200
5	24-in Pipeline to Joshua	\$656,000	\$656,000	\$400,000	\$399,500
6	Reservoir (0.5 MG)	\$1,361,000	\$1,361,000	\$1,365,000	\$1,364,700
7	Pump Station No. 2	\$603,000	\$603,000	\$1,572,500	\$1,512,300
8	Pressure Regulators (200 homes)	\$30,000	—	—	—
9	Pressure Reducing Valve Stations	\$18,000	\$72,000	\$243,000	\$290,100
10	Chloramination (Joshua & 5 wellheads)	\$707,000	\$707,000	\$739,500	\$739,200
11	Upgrade Southland to 12-in	\$799,500 (1)	\$780,000 (7)	\$849,000	\$828,900
12	Upgrade Frontage to 12-in	\$1,101,300 (1)	\$880,000 (7)	\$957,000	\$958,600
13	Upgrade Orchard to 12-in	\$509,000	\$1,040,000 (8)	\$1,103,500	\$1,200,800
14	Upgrade Division to 10-in between Allegre and Meridian (6)	\$53,000	—	—	—
15	Oak Glen Avenue 12-in main (5)	—	\$420,000	\$467,000	\$472,600
16	Darby Lane 12-in main (5)	—	\$100,000	\$153,000	\$114,100
17	HWY 101 Bore & Jack (5)	—	\$132,000	\$241,000	\$228,700
18	Isolation Valves (5)	—	\$12,000	\$12,000	\$12,000
19	Pump Station All Weather Access Road	—	—	\$128,000	\$127,500
20	Pipe Cleaning Launch Station Stub Out (Blosser Rd)	—	—	—	\$20,400 (13)
	Construction Subtotal	\$13,860,800	\$14,786,000	\$15,577,000	\$15,705,600
21	Contingency	\$3,643,000	\$3,696,500 (9)	\$3,115,400 (11)	\$3,141,120
	Construction Subtotal + Contingency	\$17,503,800	\$18,482,500	\$18,692,400	\$18,846,720
22	Property Allowance	not included (4)	not included (4)	\$500,000 (4)	\$278,964 (4) (14)
23	Design-Phase Engineering				
	Original Agreement (July 2008)		\$744,993	\$744,993	\$744,993
	Budget Revision 1 - Pressure Reduction		\$132,798	\$132,798	\$132,798
	Budget Revision 2 - Biological Survey for HDD		\$4,050	\$4,050	\$4,050
	Budget Revision 3 - Modeling for GSW/Woodlands Turnouts		\$8,380	\$8,380	\$8,380
	Budget Revision 4 - Additional Survey Services		\$9,900	\$9,900	\$9,900
	Budget Revision 5 - Utility Investigation (Potholing)		—	—	\$8,883
	Budget Revision 6 - Additional Property Research		—	—	\$805
	Budget Revision 7 - PG&E Savings by Design support		—	—	\$4,164
	Budget Revision 8 - 60% Design Budget Update		—	—	\$140,872
24	Office Engineering during construction		\$175,837	\$175,837	\$175,837
25	Estimated Construction Management (3)	\$2,428,000 (2)	\$1,507,170 (10)	\$1,507,170 (10)	\$1,507,170 (10)
26	Permitting Fees To Date	—	\$1,573	\$1,573	\$6,173
27	Non-Final Design Funds Spent To Date	not included	not included	\$1,402,879 (12)	\$1,705,009 (12)(16)
28	Estimated Other Costs (Assessment, etc)	not included	not included	\$415,420 (12)	\$300,000 (12)(16)
29	Public Outreach	not included	not included	not included	\$76,000 (15)(17)
	WATERLINE PROJECT TOTAL (Rounded to 1000)	\$19,932,000 (4)	\$21,068,000	\$23,596,000	\$23,951,000
A	Frontage Road Sewer Replacement	—	—	\$1,238,500 (A)	\$1,726,932 (A)(B)(C)
B	Sewer Contingency	—	—	\$247,900 (A)	\$259,040 (A)(D)
	FRONTAGE RD SEWER TOTAL (Rounded to 1000)			\$1,486,400 (A)	\$1,985,972 (A)(C)

Notes

- ENR CCI: March 2008 = \$109
- (1) Costs are from the December 2007 Water and Sewer Master Plan (Cannon).
- (2) Engineering and Construction Management were originally presented as a "lump sum" amount.
- (3) Includes material testing, construction staking, and environmental monitoring.
- (4) Estimate only. Property allowance not included prior to April 2009 estimate.
- (5) These work items were added to relieve high pressures on Mesa as an alternative to service pressure regulating valves (See Tech Memo 9). One PRV station at Maria Vista was required initially. Four are recommended for revised project. This was design Budget Revision #1.
- (6) Based on review of record drawings, this pipeline is already a 10-in main.
- (7) Initial estimate incorporated Master Plan project costs. Revised estimate includes higher unit costs to reflect paving 1 traffic lane, per County standards.
- (8) Updated unit costs include higher costs to reflect paving 1 traffic lane, per County standards.
- (9) Contingency was modified to 25% which is more appropriate for concept design phase.
- (10) To be provided by CM team - Has not been revised to reflect additional work for construction management of Oak Glen, Darby, and Orchard extensions.
- (11) Contingency was modified to 20% which is more appropriate for 30% design phase.
- (12) Estimate provided by District staff.
- (13) Item added during 60% design for potential future pipe cleaning launch station. Cost for potential future receiving station was added to line item #7 (pump station).
- (14) Reduced at 12/9/2009 Board Meeting.
- (15) Added to January 2010 cost opinion per District.
- (16) Estimate updated by District staff 4/21/10.
- (17) Updated based on Board action on 3/24/10.
- not included = Item was not included in previous construction cost opinions, but was added to provide a complete assessment of anticipated project costs.
- (A) Frontage Road Sewer to be Part of Bid Package #2, but to be paid for out of funds separate from the Supplemental Water Project.
- (B) Includes 1100 LF of 24-in sewer and manholes from Southland Street to WWTP Lift Station, which was not previously included in project scope.
- (C) Construction cost opinion has been updated based on Draft Final Plans and Specifications for Waterline Interline Project Bid Package #2 (April 2010)
- (D) Contingency has been adjusted to 15%.

Project Budget Summary

5/28/2010

Engineering Services for NCSD - SWP Design

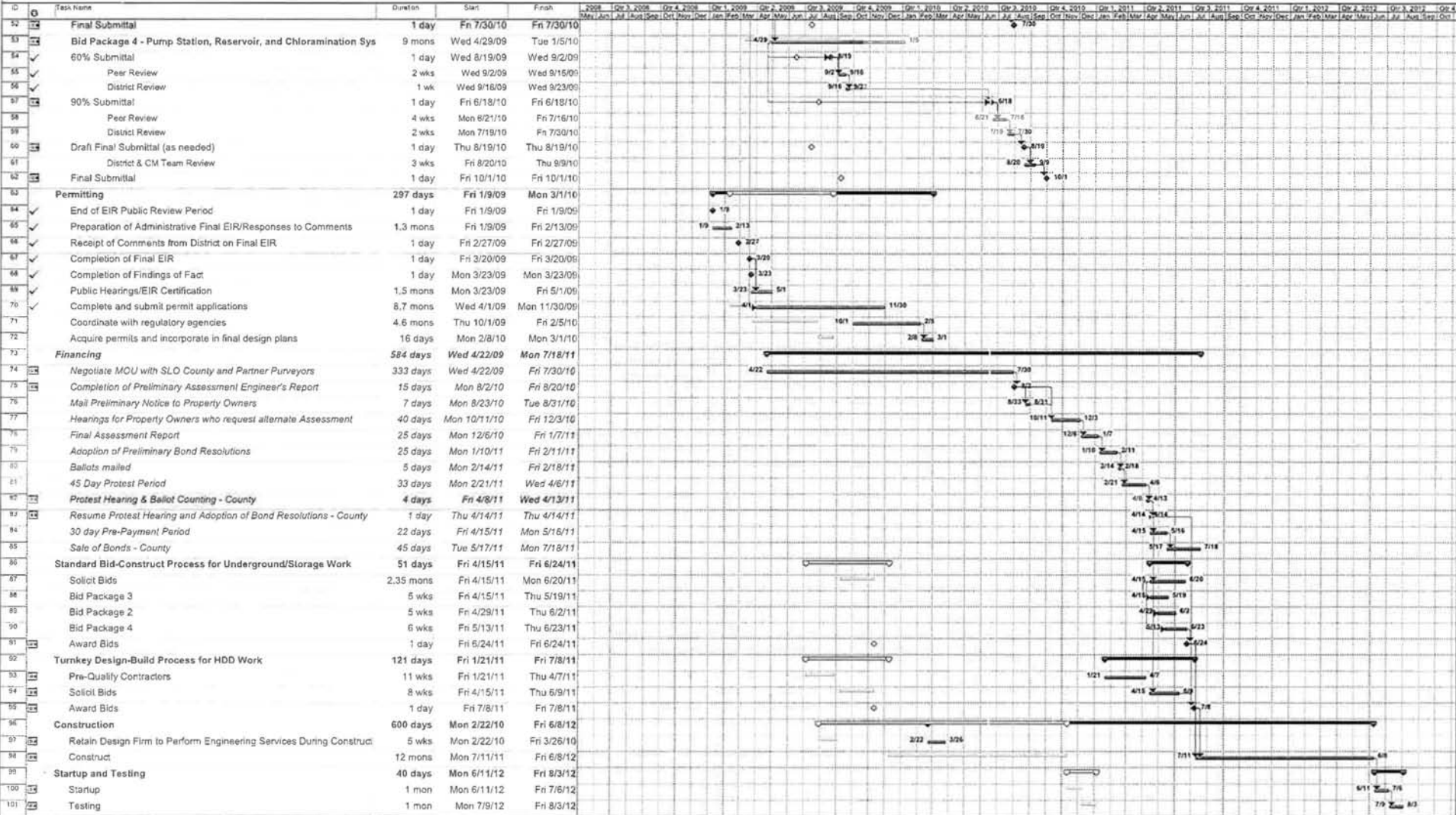
Nipomo CSD

	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	% of Work Complete
Task Group 1 - Concept Design Report	\$441,553.65	\$438,253.39	\$1,851.22	100%	100%
Task Group 2 - Permitting	\$38,545.92	\$31,679.73	\$0.00	82%	92%
Task Group 3 - Construction Documents	\$442,933.43	\$434,794.38	\$8,020.51	100%	92%
Task Group 4 - Project Management	\$82,869.68	\$59,045.24	\$0.00	71%	71%
Task Group 5 - Assistance During Bids	\$48,942.36	\$0.00	\$0.00	0%	0%
Task Group 6 - Office Engineering During Construction (5 Bid Packages)	\$175,836.96	\$2,431.46	\$0.00	1%	1%
Total	\$1,230,682.00	\$966,204.20	\$9,871.73	79%	77%

	Amount Previously Invoiced	Current Invoice Amount	Total Permitting Fees to date
Permitting Fees	\$6,573.01	\$0.00	\$6,573.01

Print Date: Wed 6/16/10

NCSW WATERLINE INTERTIE PROJECT - Wed 6/16/10



Project: WIP Design Schedule Date: Wed 6/16/10	Task	Milestone	Roll Up Task	Roll Up Baseline	Split	Project Summary
	Progress	Baseline Milestone	Roll Up Milestone	Roll Up Baseline Milestone	Baseline Split	Group By Summary
	Baseline	Summary	Baseline Summary	Roll Up Progress	External Tasks	Deadline