

# **NIPOMO COMMUNITY SERVICES DISTRICT**

**MONDAY, January 25, 2010**

**2:00 P. M.**

## **SPECIAL MEETING NOTICE & AGENDA SUPPLEMENTAL WATER PROJECT DESIGN AND CONSTRUCTION COMMITTEE**

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### **COMMITTEE MEMBERS**

**ED EBY, CHAIR  
JAMES HARRISON, MEMBER**

### **PRINCIPAL STAFF**

**MICHAEL LEBRUN, INTERIM GENERAL MANAGER  
LISA BOGNUDA, ASSIST. GENERAL MANAGER  
DONNA JOHNSON, BOARD SECRETARY  
JON SEITZ, GENERAL COUNSEL  
PETER SEVCIK, DISTRICT ENGINEER**

### **MEETING LOCATION**

**District Board Room, 148 S. Wilson Street, Nipomo, California**

- 1. CALL TO ORDER, ROLL CALL AND FLAG SALUTE**
  
- 2. REVIEW STATUS OF SUPPLEMENTAL WATER PROJECT DEVELOPMENT**  
  
ACTION RECOMMENDED: Forward Recommendations to Board
  
- 3. AECOM WATERLINE INTERTIE PROJECT DESIGN STATUS UPDATE**  
  
ACTION RECOMMENDED: Forward Recommendations to Board
  
- 4. REVIEW DRAFT RFP FOR WATERLINE INTERTIE PROJECT OUTREACH AND EDUCATION PROGRAM**  
  
ACTION RECOMMENDED: Forward Recommendations to Board
  
- 5. SET NEXT COMMITTEE MEETING**  
  
ACTION RECOMMENDED: Set Time/Date for Next Committee Meeting
  
- 6. ADJOURN**

**\*\*\* End Special Meeting Notice \*\*\***

TO: COMMITTEE MEMBERS  
FROM: MICHAEL LEBRUN *ML*  
DATE: JANUARY 21, 2010



**REVIEW SUPPLEMENTAL WATER DEVELOPMENT STATUS**

**ITEM**

Review status of supplemental water development [Forward Recommendations to Board].

**BACKGROUND – WATERLINE INTERTIE PROJECT**

Mike Nunley from AECOM (formerly Boyle Engineering) is scheduled to summarize the Monthly Design Phase Status Report at the Committee Meeting – See Agenda Item 3.

Staff is preparing a RFP to solicit proposals from public outreach consultants to assist the District with educating the property owners within the District regarding the need for the Waterline Intertie Project – See Agenda Item 4.

The City of Santa Maria City Council approved the Wholesale Water Supply Agreement at its January 5, 2010 meeting.

Staff and AECOM continue to work on obtaining all of the necessary permits and approvals required for the project.

Staff has initiated the appraisal process for purchase of easements and real property.

The Reimbursement Agreement related to the MOU with SLO County has been executed and development of the MOU is proceeding.

Staff held an all-hands meeting on January 19, 2010 with the design engineer, construction manager, assessment engineer, right-of-way agent, financial adviser, legal counsel, environmental consultant and retired General Manager Bruce Buel (via conference call) to discuss the project schedule and critical path items. As a result of this meeting, a revised financing schedule is being developed for incorporation into the design/construction schedule and will be presented to the Committee at the next meeting.

**BACKGROUND – DESALINATION**

Further work on the project has been deferred until the Waterline Intertie Project is operational.

**RECOMMENDATION**

Staff recommends that the Committee receive the staff update and provide feedback and recommendations to the Board.

**ATTACHMENT**

- NONE

TO: COMMITTEE MEMBERS  
FROM: MICHAEL LEBRUN *msl*  
DATE: JANUARY 21, 2010



**MONTHLY AECOM DESIGN STATUS UPDATE  
FOR WATERLINE INTERTIE PROJECT**

**ITEM**

Presentation and review of monthly AECOM Design Status Report for the Waterline Intertie Project [Forward Recommendations to Board].

**BACKGROUND**

Mike Nunley is scheduled to summarize the attached report.

**RECOMMENDATION**

Staff recommends that the Committee receive AECOM's presentation and provide feedback and recommendations to the Board.

**ATTACHMENT**

- AECOM January 2010 Waterline Intertie Project Monthly Design Status Report

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## Memorandum

To Michael LeBrun, Intertim General Manager – NCSD Page 1

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CC Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelicher, Eileen Shields,  
Kirk Gonzalez

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Subject Waterline Intertie Project – Design Phase Status Report

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From Michael K. Nunley, AECOM

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Date January 20, 2010

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

1. The pre-application meeting request form regarding creation of a public lot for the pump station / reservoir site was submitted to the County on 1/12/10. The meeting is scheduled for 1/20/10.
2. AECOM met with District staff to review comments on the 90% submittal for Bid Package #2 (Nipomo Improvements), and discuss future submittals and the project schedule.
3. NCSD staff and AECOM participated in a kickoff meeting for the energy evaluation, part of the PG&E Savings By Design program. AECOM has been in contact with PG&E to provide the information requested for the evaluation.
4. AECOM continued work on the layout of the metering station and flow control valve vault on Blosser Road, and the draft final plans and specifications for Bid Packages #3 (Blosser Road Pipeline and Flow Meter) and #4 (Joshua Street Pump Station and Reservoir and Chloramination Systems).
5. AECOM completed the planset for additional potholing and a quote was received for the work. Potholing information will be integrated into the draft final project submittals.
6. On January 19, AECOM participated in an "All Hands" meeting held by District staff to discuss the project schedule and critical path items.


### Schedule

The Project Schedule is attached.

### Budget Status

As shown on the attached Design Budget and Invoice Summary, our fee earned matches the amount expended. This indicates we are on budget as of this date.

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 (6)	\$1,103,500	\$1,200,800
14	Upgrade Division to 10-in between Allegre and Meridian (6)	\$53,000	--	--	--
15	Oakglen Avenue 12-in main (5)	--	\$420,000	\$457,000	\$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)
	<b>Construction SubTotal</b>	<b>\$13,860,800</b>	<b>\$14,786,000</b>	<b>\$15,577,000</b>	<b>\$15,705,600</b>
21	Contingency	\$3,643,000	\$3,696,500 (9)	\$3,115,400 (11)	\$3,141,120
	<b>Construction SubTotal + Contingency</b>	<b>\$17,503,800</b>	<b>\$18,482,500</b>	<b>\$18,692,400</b>	<b>\$18,846,720</b>
22	Property Allowance	not included (4)	not included (4)	\$500,000 (4)	\$304,964 (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 Turnout		\$8,380	\$8,380	\$8,380
	Budget Revision 4 - Additional Survey Services		\$9,900	\$9,900	\$9,900
	Budget Revision 5 - Utility Investigation (Potholing)		--	--	\$8,853
	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)	\$1,402,879 (12)
28	Estimated Other Costs (Assessment, etc)	not included	not included	\$415,420 (12)	\$415,420 (12)
29	Public Outreach	not included	not included	not included	\$50,000 (15)
	<b>WATERLINE PROJECT TOTAL (Rounded to 1000)</b>	<b>\$19,932,000 (4)</b>	<b>\$21,068,000</b>	<b>\$23,596,000</b>	<b>\$23,765,000</b>
A	Frontage Road Sewer Replacement	--	--	\$1,239,500 (A)	\$1,658,600 (A) (B)
B	Sewer Contingency	--	--	\$247,900 (A)	\$331,720 (A)
	<b>FRONTAGE RD SEWER TOTAL (Rounded to 1000)</b>			<b>\$1,487,400 (A)</b>	<b>\$1,990,320 (A)</b>

Notes:

- ENR CCI: March 2008 = 8109
- (1) Costs are from the December 2007 Water and Sewer Master Plan (Carinon).
  - (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 Oakglen, 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
- 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.

**Project Budget Summary**

1/1/2010

**Engineering Services for NCSD - SWP Design**

**Nipomo CSD**

	<b>Total Budget</b>	<b>Amount Previously Invoiced</b>	<b>Current Invoice Amount</b>	<b>% of Budget Earned to date</b>	<b>% of Work Complete</b>
Task Group 1 - Concept Design Report	\$441,553.65	\$425,916.00	\$1,499.85	97%	97%
Task Group 2 - Permitting	\$38,545.92	\$39,703.03	-\$9,052.00	80%	80%
Task Group 3 - Construction Documents	\$442,933.43	\$375,399.27	\$33,660.70	92%	92%
Task Group 4 - Project Management	\$82,869.68	\$39,351.44	\$9,046.80	58%	58%
Task Group 5 - Assistance During Bids	\$48,942.36	\$0.00	\$0.00	0%	0%
Task Group 6 - Office Engineering During Construction (4 Bid Packages)	\$175,836.96	\$1,459.46	\$972.00	1%	1%
<b>Total</b>	<b>\$1,230,682.00</b>	<b>\$881,829.20</b>	<b>\$36,127.35</b>	<b>75%</b>	<b>75%</b>

	<b>Amount Previously Invoiced</b>	<b>Current Invoice Amount</b>	<b>Total Permitting Fees to date</b>
Permitting Fees	\$6,172.91	\$0.00	\$6,172.91

Note: An adjustment of -\$9,052 is being applied to Task Group 2 because the time should have been accrued as part of Task Groups 3 and 4. Therefore, \$9,052 is being distributed to Task Groups 3 and 4, resulting in no net change to billings to date



Print Date: Wed 1/20/10

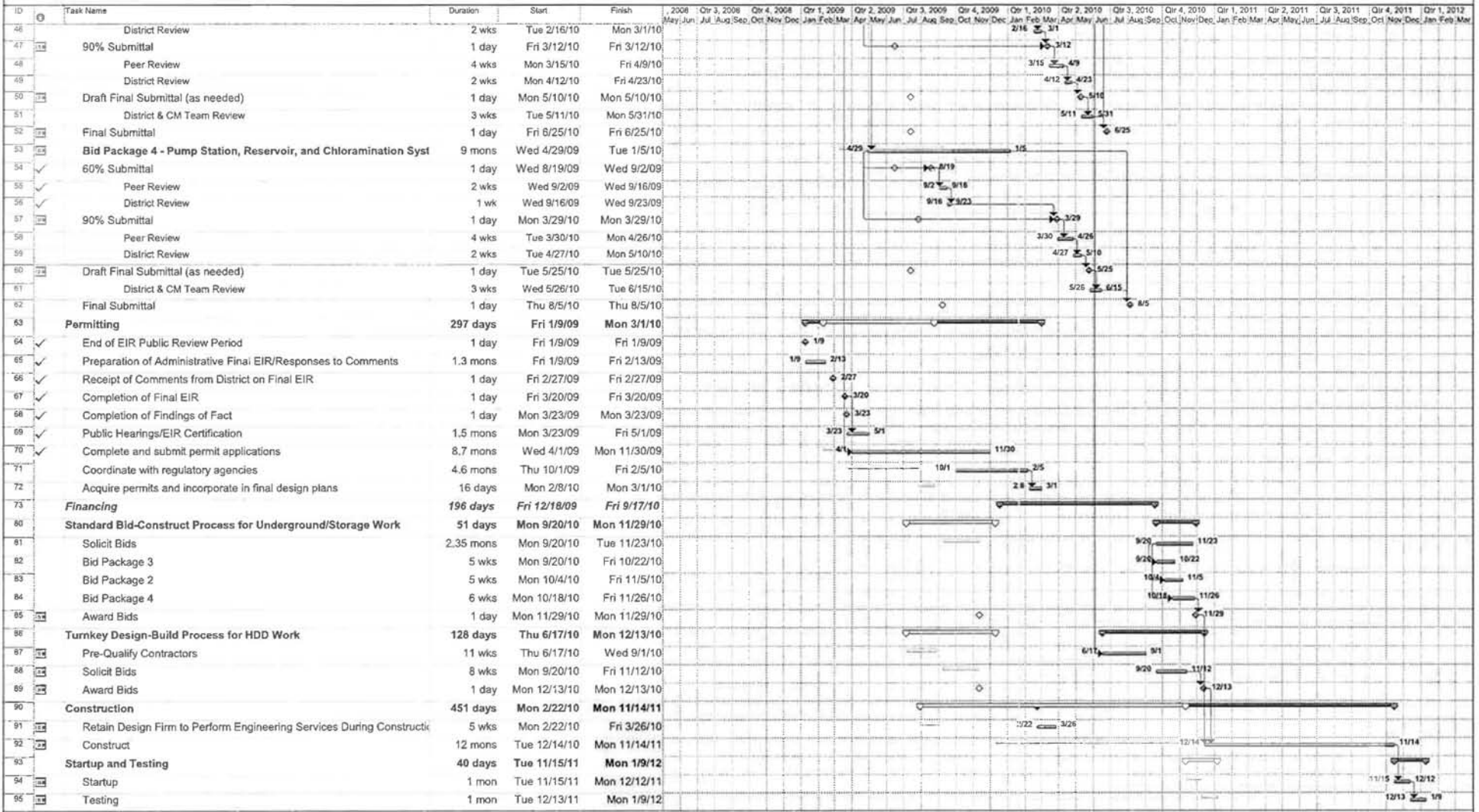
NCSW WATERLINE INTERTIE PROJECT - Wed 1/20/10

ID	Task Name	Duration	Start	Finish	2008	Qtr 3, 2008	Qtr 4, 2008	Qtr 1, 2009	Qtr 2, 2009	Qtr 3, 2009	Qtr 4, 2009	Qtr 1, 2010	Qtr 2, 2010	Qtr 3, 2010	Qtr 4, 2010	Qtr 1, 2011	Qtr 2, 2011	Qtr 3, 2011	Qtr 4, 2011	Qtr 1, 2012	
1	Kickoff meeting	1 day	Wed 7/16/08	Wed 7/16/08																	
2	Right of Entry Agreements and Coordination	63 days	Thu 7/17/08	Mon 10/13/08																	
3	Permitting and Approvals for Field Work at River	67 days	Thu 7/17/08	Fri 10/17/08																	
4	<b>Concept Design Report</b>	234 days	Thu 7/17/08	Tue 6/9/09																	
5	101 - Geotechnical Report for HDD Technical Memorandum	2.5 mons	Tue 11/18/08	Mon 1/26/09																	
6	102 - Project Bidding Strategy Technical Memorandum	1.15 mons	Mon 10/20/08	Wed 11/19/08																	
7	103 - Pipeline Alignment Technical Memorandum	102 days	Mon 10/13/08	Tue 3/3/09																	
8	104 - Pump Station Design Technical Memorandum	2.45 mons	Tue 12/23/08	Mon 3/16/09																	
9	105 - Reservoir Design Technical Memorandum	2.45 mons	Tue 12/23/08	Mon 3/16/09																	
10	106 - Permitting Strategy Technical Memorandum	5.25 mons	Mon 1/12/09	Fri 6/5/09																	
11	107 - Chloramination Systems Technical Memorandum	1.4 mons	Mon 10/13/08	Wed 11/19/08																	
12	108 - Back-up Power, Controls, and Instrumentation Technical Memora	1 mon	Tue 2/17/09	Mon 3/16/09																	
13	109 - Pressure Reduction Study	1 mon	Thu 7/17/08	Wed 8/13/08																	
14	110 - Survey and Base Map (by Wallace Group)	4.7 mons	Tue 9/2/08	Fri 1/9/09																	
15	111 - Geotechnical Report (by Fugro)	3 mons	Mon 10/20/08	Fri 1/9/09																	
16	112 - Draft Concept Report	1 day	Tue 3/31/09	Tue 3/31/09																	
17	113 Review and Finalize Concept Design Report	1 mon	Wed 4/1/09	Tue 4/28/09																	
18	114 - Narrative Report	1 mon	Wed 5/13/09	Tue 6/9/09																	
19	<b>Construction Plans and Specifications</b>	384 days	Wed 4/29/09	Mon 10/18/10																	
20	<b>Bid Package 1 - HDD</b>	10 mons	Wed 4/29/09	Tue 2/2/10																	
21	60% Submittal	1 day	Wed 6/10/09	Wed 6/10/09																	
22	Peer Review	2 wks	Thu 6/11/09	Wed 6/24/09																	
23	District Review	1 wk	Thu 6/25/09	Wed 7/1/09																	
24	90% Submittal	1 day	Thu 7/15/10	Thu 7/15/10																	
25	Peer Review	4 wks	Fri 7/16/10	Thu 8/12/10																	
26	District Review	2 wks	Fri 8/13/10	Thu 8/26/10																	
27	Draft Final Submittal (as needed)	1 day	Fri 9/10/10	Fri 9/10/10																	
28	District & CM Team Review	3 wks	Mon 9/13/10	Fri 10/1/10																	
29	Final Submittal	1 day	Mon 10/18/10	Mon 10/18/10																	
30	<b>Bid Package 2 - NCSW System Pipeline Improvements</b>	8.25 mons	Wed 4/29/09	Tue 12/15/09																	
31	60% Submittal	1 day	Wed 7/22/09	Wed 7/22/09																	
32	Peer Review	2 wks	Thu 7/23/09	Wed 8/5/09																	
33	District Review	1 wk	Thu 8/6/09	Wed 8/12/09																	
34	90% Submittal	1 day	Wed 10/7/09	Wed 10/7/09																	
35	Peer Review	4 wks	Thu 10/8/09	Wed 11/4/09																	
36	District Review	2 wks	Thu 11/5/09	Wed 11/18/09																	
37	Draft Final Submittal	1 day	Wed 4/14/10	Wed 4/14/10																	
38	District & CM Team Review	3 wks	Thu 4/15/10	Wed 5/5/10																	
39	Final Submittal	1 day	Tue 6/8/10	Tue 6/8/10																	
40	<b>Bid Package 3 - Blosser Road Water Main and Flow Meter</b>	6.75 mons	Wed 4/29/09	Tue 11/3/09																	
41	60% Submittal	1 day	Wed 7/8/09	Wed 7/8/09																	
42	Peer Review	2 wks	Thu 7/9/09	Wed 7/22/09																	
43	District Review	1 wk	Thu 7/23/09	Wed 7/29/09																	
44	90% Meter & FCV Vault Plans	1 day	Mon 2/1/10	Mon 2/1/10																	
45	City Review	2 wks	Tue 2/2/10	Mon 2/15/10																	

Project: WIP Design Schedule Date: Wed 1/20/10	Task	Milestone	Rollup Task	Rollup Baseline	Split	Project Summary
	Progress	Baseline Milestone	Rollup Milestone	Rollup Baseline Milestone	Baseline Split	Group By Summary
	Baseline	Summary	Baseline Summary	Rollup Progress	External Tasks	Deadline

Print Date: Wed 1/20/10

NCS WATERLINE INTERTIE PROJECT - Wed 1/20/10



Project: WIP Design Schedule Date: Wed 1/20/10	Task	Milestone	Rolled Up Task	Rolled Up Baseline	Split	Project Summary
	Progress	Baseline Milestone	Rolled Up Milestone	Rolled Up Baseline Milestone	Baseline Split	Group By Summary
	Baseline	Summary	Baseline Summary	Rolled Up Progress	External Tasks	Deadline



TO: COMMITTEE MEMBERS  
FROM: MICHAEL LEBRUN *MLC*  
DATE: JANUARY 21, 2010



## RFP FOR WATERLINE INTERTIE PROJECT OUTREACH AND EDUCATION

### ITEM

Review draft RFP for Waterline Intertie Project Outreach and Education Program [Forward Recommendations to Board].

### BACKGROUND

Attached is the draft RFP for the Waterline Intertie Project Outreach and Education program. The need for this effort was discussed at the January 13, 2010 Board meeting and is critical to achieving a successful assessment vote.

### RECOMMENDATION

Staff recommends that the Committee review the draft RFP and forward recommendations to the Board.

### ATTACHMENT

- Draft RFP – NOTE THIS ATTACHMENT WAS NOT AVAILABLE AT THE TIME OF AGENDA MAILING AND WILL BE PROVIDED AT THE MEETING

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TO: COMMITTEE MEMBERS  
FROM: MICHAEL LEBRUN *ML*  
DATE: JANUARY 21, 2010



**SET NEXT COMMITTEE MEETING**

**ITEM**

Set next committee meeting [Set Date/Time].

**BACKGROUND**

The Committee would normally meet next on February 22, 2010.

**RECOMMENDATION**

Staff recommends that the Committee set a meeting at 2 pm on Monday, February 22, 2010.

**ATTACHMENT- NONE**

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