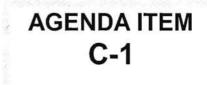
TO: BOARD OF DIRECTORS

FROM: DON SPAGNOLO GENERAL MANAGER



AUGUST 25, 2010

DATE: AUGUST 19, 2010

WATERLINE INTERTIE PROJECT UPDATE

ITEM

Mike Nunley of AECOM Engineering re Waterline Intertie project status [NO ACTION REQUESTED].

BACKGROUND

Mike Nunley is scheduled to summarize the attached report.

RECOMMENDATION

Staff recommends that your Honorable Board receive the presentation and ask questions as appropriate.

ATTACHMENTS

August 2010 WIP Design Phase Status Report



AECOM 1194 Pacific Street Suite 204 San Luis Obispo, CA 93402 www.aecom.com

805 542 9840 tel 805 542 9990 fax

Memorandum

Don Spagnolo, General Manager – NCSD	Page 1
Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelich Kirk Gonzalez	er, Eileen Shields,
Waterline Intertie Project - Design Phase Status Repor	t
Michael K. Nunley, AECOM	
August 18, 2010	
	Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelich Kirk Gonzalez Waterline Intertie Project – Design Phase Status Repor Michael K. Nunley, AECOM

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

- AECOM submitted the public lot application for the reservoir / pump station site to the County.
- 2. AECOM provided the District with the final submittal for Bid Package #3 (Blosser Road Water Main and Flow Meter) plans and technical specifications.
- The project team compiled comments on the Streambed Alteration Agreement drafted by California Department of Fish and Game (CDFG), sent a response, and requested a follow-up meeting to discuss conditions of the permit.
- AECOM is continuing work to update the construction cost opinion to reflect the 90% designs for Bid Packages #2, #3, and #4.
- 5. AECOM has updated the table of project permits (attached).

Schedule

The Project Schedule is attached and has been updated to reflect the current project status.

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,

Mill K. Any Michael K. Nunley, PE

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

Nipomo Community Services District Waterline Intertie Project Permit Status

updated:

Permitting Agency	Permit	Status	Issue Date	Expiration Date	Notes
CalTrans	Encroachment	Received	7/1/2010	12/30/2011	BP2 Hwy 101 Xing
CalTrans	Encroachment	Contractor to apply			"Dual Permit"
SLO County	Encroachment				BP2 - NCSD to submit for draft conditions
SLO County	Encroachment	Contractor to apply			
City of Santa Maria	Encroachment	Contractor to apply			BP3
CA Fish & Game	Streambed Alteration Agreement	Received draft permit			AECOM & NCSD staff drafting comments for F&G
ACOE	404 & other permits	Received exemption	3/25/2010		
DOSH (OSHA)	Tunnel Classification	Received	3/22/2010; 3/30/2010	NA	2 jack & bore locations in BP3
DOSH (OSHA)	Excavations > 5 ft	Contractor to apply			-
DOSH (OSHA)	Certification of safety Reps for tunneling	Contractor to apply			
SLO APCD	Authority to Construct / Permit to Operate	NCSD to apply			apply at start of bid phase
SLO APCD	Naturally Occuring Asbestos	Received exemption	11/2/2009		
RWQCB	Notice of Intent to Discharge	NCSD to file			NPDES/ Stormwater General Permit
RWQCB	SWPPP	Contractor to complete			
DPHS	Water Supply Permit Amendment	NCSD to file (min 4 mo. Prior to WIP startup)			AECOM working with DPHS for preliminary comments on 90% design

ltem	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	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)			01201000	\$20,400 (13)
20	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	not monuocu (4)	not moldada (4)	0000,000 (4)	\$270,004 (1)(11)
20	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 Turnou		\$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)
26	Permitting Fees To Date	\$2,420,000 (2)	\$1,507,170 (10)	\$1,573	\$6,173
20	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)
	Estimated Other Costs (Assessment, etc)		Contraction of the second s	and the second s	
29	Public Outreach	not included	not included	not included	\$76,000 (15)(17)

Notes:

ENR CCI: March 2008 = 8109

(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 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 item #7 (pump static

(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 inlcuded = Item was not included in previous construction cost opinions, but was added to provide a complete assessment of anticipated project costs.

Engineering Services for NCSD - SWP Design	Nipomo CSD				0/10/2011
	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	
Task Group 1 - Concept Design Report	\$441,553.65	\$441,553.65	\$0.00	100%	100%
Task Group 2 - Permitting	\$38,545.92	\$31,679.73	\$0.00	82%	82%
Task Group 3 - Construction Documents	\$442,933.43	\$444,666.11	\$0.00	100%	92%
Task Group 4 - Project Management	\$82,869.68	\$62,112.63	\$0.00	75%	75%
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	\$2,431.46	\$0.00	1%	1%
Total	\$1,230,682.00	\$982,443.58	\$0.00	80%	77%

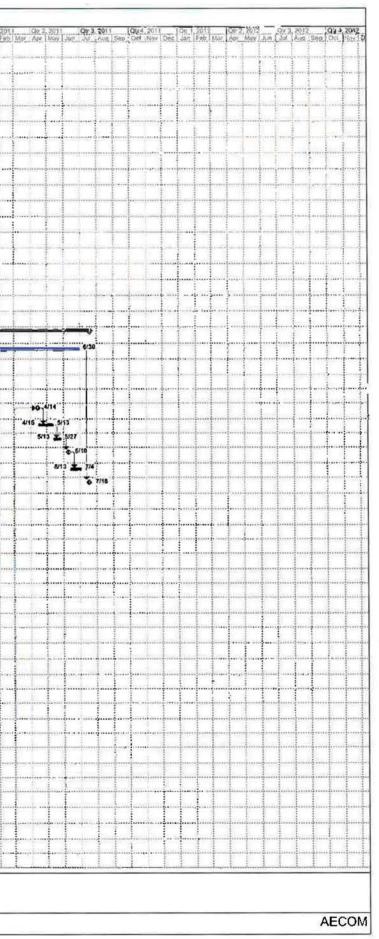
	Amount Previously Invoiced	Current Invoice Amount	
Permitting Fees	\$6,573.01	\$0.00	\$6,573.01

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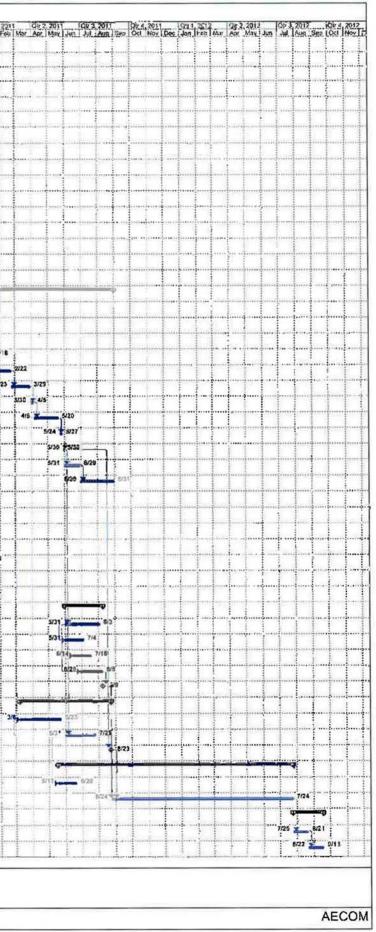
8/18/2010

	te: Thu 8/19/10				NCSD WA												
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V	Kickoff meeting	1 day	Wed 7/16/08	Wed 7/16/08												I.	E.
~	Right of Entry Agreements and Coordination	63 days	Thu 7/17/08	Mon 10/13/08		V13										1	
×	Permitting and Approvals for Field Work at River	67 days	Thu 7/17/08	Fn 10/17/08	7/17	0/17											1
· ·	Concept Design Report	234 days	Thu 7/17/08	Tue 6/9/09	0	1	11		1								-
V	101 - Geotechnical Report for HDD Technical Memorandum	2.5 mons	Tue 11/18/08	Mon 1/26/09	11	18 %	1/26		1								-
5 1	102 - Project Bidding Strategy Technical Memorandum	1.15 mons	Mon 10/20/08	Wed 11/19/08	10/20-2	11/19							10		111	1	1
1	103 - Pipeline Alignment Technical Memorandum	102 days	Mon 10/13/08	Tue 3/3/09	10/13		3/3										1
1	104 - Pump Station Design Technical Memorandum	2.45 mons	Tue 12/23/08	Mon 3/16/09	1 1 1	12/23	3/16		1	1			1	1			1
~	105 - Reservoir Design Technical Memorandum	2.45 mons	Tue 12/23/08	Mon 3/16/09		12/23	3/16		1	1			11				1.000
0 V	106 - Permitting Strategy Technical Memorandum	5.25 mons	Mon 1/12/09	Frf 6/5/09		1/12 1		675	1				1				1
1	107 - Chloramination Systems Technical Memorandum	1.4 mons	Mon 10/13/08	Wed 11/19/08	10/13	11/19							11				
2 1	108 - Back-up Power, Controls, and Instrumentation Technical Memorandum	1 mon	Tue 2/17/09	Mon 3/16/09		-12	2)	1			0					····· •	1
3	109 - Pressure Reduction Study	1 mon	Thu 7/17/08	Wed 8/13/08	7/17 2 8/13			1 1					1 1	11	111	İ	1
1	110 - Survey and Base Map (by Wallace Group)	4,7 mons	Tue 9/2/08	Frl 1/9/09	9/2											-	1
5 1	111 - Geotechnical Report (by Fugro)	3 mons	Mon 10/20/08	Fri 1/9/09	-10/20 2			1	·····								
6	112 - Draft Concept Report	1 day	Tue 3/31/09	Tue 3/31/09	1-		0 0,3	31				r i i	**				-
- v	113 Review and Finalize Concept Design Report	1 mon	Wed 4/1/09	Tue 4/28/09	-{			4/28					····•			·····	
3 1	114 - Narrative Report	1 mon	Wed 5/13/09	Tue 6/9/09				13									100
Ś	Construction Plans and Specifications	579.5 days	Wed 4/29/09	Tue 7/19/11	· · · · · · · · · · · · · · · · · · ·	·····				diami me		-					-
0	Bld Package 1 - HDD	28.35 mons	Wed 4/29/09	Thu 6/30/11			- 4/29							· ····			.j
	60% Submittal	1 day	Wed 6/10/09	Wed 6/10/09					10			*****					
2 1	Peer Review	2 wks	Thu 6/11/09	Wed 6/24/09				611 2	5/24								
TV.	District Review	1 wk	Thu 6/25/09	Wed 7/1/09	·····•		· · · · · · · · · · · · · · · · · · ·	6/25	711		·····						
	90% Submillal (Tied to Prequalification of Contractors)	1 day	Thu 4/14/11	Fri 4/15/11			· · · · · · · · · · · · · · · · · · ·	10				manano	1		were and		
-	Peer Review	4 wks	Fri 4/15/11	Fri 5/13/11		·····										·····	· · · ·
	District Review	2 wks	Fri 5/13/11	Fri 5/27/11	······						· · · · · · · · · · · · · · · · · · ·					······	
	Draft Final Submittal (as needed)	1 day	Fri 6/10/11	Mon 6/13/11				1	•				11				1
	District & CM Team Review	3 wks	Mon 6/13/11	Mon 7/4/11									11	11			1
	Final Submittal	1 day	Mon 7/18/11	Tue 7/19/11		1			0								1
	Bid Package 2 - NCSD System Pipeline Improvements	17.95 mons	Wed 4/29/09	Mon 9/13/10	••••••••••••••••••••••••••••••	ini francisco in .	4/29	Marr Ser el	· · · · · · · · · · · · · · · · · · ·					·····	9/1	· · · · · · · · · · · · · · · · · · ·	T
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	District Review	1 wk	Thu 8/6/09	Wed 8/12/29					Bre 2 8/12	4 4							A DECK
~	90% Submillal	1 day	Wed 10/7/09	Wed 10/7/09					•	10/7					H		-
1	Peer Review	4 wks	Thu 10/8/09	Wed 11/4/09					1	0/8 2 11/	1 1 3						
~	District Review	2 wks	Thu 11/5/09	Wed 11/18/09						1 1/5 👗 1	15/18						1
	Draft Final Submittal	1 day	Fri 4/30/10	Fd 4/30/10					•				¢]4/30				1
	District & CM Team Review	13 wks	Mon 5/3/10	Fri 7/30/10					ļ,				\$13 2		***		1
	Final Submittal	1 day	Mon 9/13/10	Mon 9/13/10					0				1		4 9/1	3	1
~	Bld Package 3 - Blosser Road Water Main and Flow Meter	16.4 mons	Wed 4/29/09	Fri 7/30/10			-423			1					76.0		1
Y	60% Submittal	1 day	Wed 7/8/09	Wed 7/8/091				18 1 1	7/8								
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-	City Review	2 wks	Tue 2/2/10	Mon 2/15/10				1	1.1		1	2/15		_			
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-	Final Submittel	1 day	Fri 7/30/10	Fri 7/30/10		and not have	-		8						7,30		
	Bid Package 4 - Pump Station, Reservoir, and Chloramination Systems	20.45 mons	Wed 4/29/09					1.1.1	[1			1		11/2	22
	60% Submittal	20.45 mons	Wed 8/19/09	Wad 9/2/09			1	0	H0 .5		ļ	[·····		• +		
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~	90% Submittel	1 day	Fri 6/18/10							9			1 1 1			
1	Peer Review	4 wks	Man 6/21/10	Fri 7/16/10									6/2	7/16		
-	District Review	4 wks	Mon 7/19/10	Fri 8/13/10									J. J.	7/19 2 8	COLUMN STATES	
21	Draft Final Submittal (as needed)	1 day	Mon 10/18/10	L.						•						10/18
-	District & CM Team Review	3 wks	Tue 10/19/10	Mon 11/8/10	_					1					10/18 2	1. S. C.
-	Final Submittal	1 day	Mon 11/22/10	Mon 11/22/10				11		•						\$ 10
	Permitting	425 days	Fri 1/9/09	Thu 8/26/10			() Starting					4	111	1 1		
~	End of EIR Public Review Period	1 day	Fri 1/9/09	Fri 1/9/09			0 1/9									
*	Preparation of Administrative Final EIR/Responses to Comments	1.3 mons	Fri 1/9/09	Fri 2/13/09			1/9	2/13							1	
~	Receipt of Comments from District on Final EIR	1 day	Fri 2/27/09	Fri 2/27/09	•• •••••			Q 2/27					111			
~	Completion of Final EIR	1 day	Fri 3/20/09	Fri 3/20/09			1	\$ 1/20							• • • • • • • • • • • • • • • • • • •	·····
~	Completion of Findings of Fact	1 day	Mon 3/23/09	Mon 3/23/09				· 3/23	***********							
~	Public Hearings/EIR Certification	1.5 mons	Mon 3/23/09	Fri 5/1/09				3/23	5/1							incode o
1	Complete and submit permit applications	8.7 mons	Wed 4/1/09								113		-l			jana ka
	Coordinate with regulatory agencies	11 mons	Thu 10/1/09	Wed 8/4/10	-					10/1				8.4	Į	
	Acquire permits and incorporate in final design plans		Thu 8/5/10	Thu 8/26/10			4							Brogate	1.1.	
	and the second	16 days		and the second second									. land	1111 11 11 11 11 11 11 11 11 11 11 11 1		domes in
-1	Financing (to be confirmed with Assessment Engineer)	616 days	Wed 4/22/09	Wed 8/31/11				φ		1						i.
	Negotiate MOU with SLO County and Pertner Purveyors	365 days	Wed 4/22/09	Tue 9/14/10				4/22							1	1
	Completion of Preliminary Assessment Engineer's Report	15 days	Wed 9/15/10	Tue 10/5/10											¢ \$13	7
	Mail Preliminary Notice to Property Owners	7 days	Wed 10/6/10	Thu 10/14/10											10/5 10	1014
	Hearings for Property Owners who request alternate Assessment	40 days	Wed 11/24/10	Tue 1/18/11		a)t	1	*****			1				11	1224
	Final Assessment Report	25 days	Wed 1/19/11	Tue 2/22/11	********		1								A	
	Adoption of Preliminary Bond Resolutions	25 days	Wed 2/23/11	Tue 3/29/11		14434 W									1	
	Ballots mailed	5 days	Wed 3/30/11	Tue 4/5/11			·····								·····	
	45 Day Protest Period	33 days	Wed 4/6/11	Fri 5/20/11			1	minim							1	
	Protest Hearing & Ballot Counting - County	4 days	Tue 5/24/11	Fri 5/27/11									+			
3	Resume Protest Hearing and Adoption of Bond Resolutions - County	1 day	Mon 5/30/11	Mon 5/30/11			· · · · · · · · · · · · · · · · · · ·									
	30 day Pre-Payment Period	100	Tue 5/31/11											_	ļ	
		22 days		Wed 5/29/11											[]	ç
	Sale of Bonds - County	45 days	Thu 6/30/11	Wed 8/31/11											<u>1</u>	
	Public Relations (to be confirmed by PR team)	151 days	Thu 6/10/10	Thu 1/6/11			1								1	
0	Survey and Communications Kickoff	1 day	Thu 6/10/10	Thu 6/10/10									1 1 1	6/13		-
	Review Background Materials	1 wk	Mon 6/14/10	Fri 6/18/10										- 6/18		
3	Phase 1 Survey	36 days	Thu 6/17/10	Thu 8/5/10									61	87	9	
	Pian Measure Package	104 days	Fri 8/6/10	Wed 12/29/10						1		·		B/6 Z.		
	Outreach and Communications	137 days	Wed 6/30/10	Thu 1/6/11									8			(more from
	Phase 2 Tracking Survey	26 days	Fri 11/12/10	Fri 12/17/10		*****		*****	·····	*****	••••••	••••••• ••••• ••••			51/1	2
	Standard Bid-Construct Process for Underground/Storage Work	51 days	Tue 5/31/11	Tue 8/9/11					0	1 1		+			1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1
	Solicit Bids	2.35 mons	Tue 5/31/11	Wed 8/3/11								•••••			\$	
	Bid Package 3	5 wks	Tue 5/31/11	Mon 7/4/11				•							<u>+</u>	
	Bid Package Ż	5 wks	Tue 6/14/11	Mon 7/18/11				• •			·····				+	
	Bid Package 4	5 wks	Tue 6/28/11	Mon 8/8/11					ļ						 	
	Award Bids								1			Įļļ	_		<u> </u>	ļ
-		1 day	Tue 8/9/11	Tue 8/9/11						pulling in the	0					
	Turnkey Design-Build Process for HDD Work	121 days	Tue 3/8/11	Tue 8/23/11						and in the						
9	Pre-Qualify Contractors	11 wks	Tue 3/8/11	Mon 5/23/11												
	Solicit Bids	8 wks	Tue 5/31/11	Mon 7/25/11												
1	Award Bids	1 day	Tue 8/23/11	Tue 8/23/11							•					1
	Construction	311 days	Tue 5/17/11	Tue 7/24/12						0					desertions?	-0
3	Retain Design Firm to Perform EngIneering Services During Construction	5 wks	Tue 5/17/11	Mon 6/20/11											T	-
3	Construct	12 mons	Wed 8/24/11	Tue 7/24/12									· · · · · · · · · · · · · · · · · · ·	·····	1 1	-
	Startup and Testing	40 days	Wed 7/25/12				1		t t							0-L.
3	Startup	1 mon	Wed 7/25/12				······		·····						· ····	
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	Testing	1 mon	Wed 8/22/12	Tue 9/18/12	1											:
	Task. Miestone	•	Rolled Up Task		Dallad	Lia Barolit -		Sp	44			Berliner	hananari	-		
WIP D	Design Schedule Progress Besefine Mitestonic	• •	Rolled Up Task	•		Up Baseline Up Baseline Mileslo	ne 💠		saline Split		*******	The second second	y Summary	-	-	i.
A 40.00	Baseloo Summary		Baseline Summary			Up Progress			ternal Tasks) Deadlina				



TO: BOARD OF DIRECTORS

FROM: DON SPAGNOLO GENERAL MANAGER



DATE: AUGUST 18, 2010

MONTHLY SUPERINTENDENT UPDATE

ITEM

NCSD Facilites Superintendent Tina Grietens re Update recent Operations Activities [NO ACTION REQUESTED].

BACKGROUND

Tina Grietens is scheduled to summarize the attached outline.

RECOMMENDATION

Staff recommends that your Honorable Board receive the presentations and ask questions as appropriate.

ATTACHMENTS

Operations Report

NIPOMO COMMUNITY

BOARD MEMBERS JAMES HARRISON, PRESIDENT LARRY VIERHEILIG, VICE PRESIDENT ED EBY, DIRECTOR MIKE WINN, DIRECTOR BILL NELSON, DIRECTOR



SERVICES DISTRICT

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STAFF

DON SPAGNOLO, P.E., GENERAL MANAGER LISA BOGNUDA, ASSISTANT GENERAL MANAGER JON SEITZ, GENERAL COUNSEL PETER SEVCIK, P.E., DISTRICT ENGINEER

148 SOUTH WILSON STREET POST OFFICE BOX 326 NIPOMO, CA 93444 - 0326 (805) 929-1133 FAX (805) 929-1932 Website address: NCSD.CA.GOV

TO: DON SPAGNOLO, P.E., GENERAL MANAGER

FROM: TINA GRIETENS, UTILITY SUPERINTENDENT

DATE: AUGUST 19, 2010

SUBJECT: UTILITY DIVISION UPDATE FOR JULY 21, 2010 - AUGUST 18, 2010

Southland Wastewater Plant and Utility Yard

- Utility equipment storage building permit issued
- Lab instrument and supplies received
- Sludge dredging contract and schedule pending
- Ripping/discing of percolation ponds completed
- Southland Effluent BOD in compliance; above limits for suspended solids

Collection system

- · Vac-Con: New nozzle purchased and utilized to clean sewer lines
- Training with City of SLO crew
- Jetting sewer lines, cleaning grease and rags from lift stations and treatment plants
- Replaced level transmitter in Juniper Lift Station

Distribution System

- Level transducer installed in Sundale well
- Quad tank rehabilitation: Tank #2 online, Tank #1 drained, repairs in progress

Maintenance

- Maintenance performed on Sundale well generator
- Schematic diagrams of well and lift station electrical panels complete
- Generator maintenance added to Preventive Maintenance Program
- Meter replacement, fire hydrant painting continuing

Compliance

- Water distribution analyses in compliance for nitrates, trihalomethanes, halocetic acids, arsenic
- APCD inspection of standby generators, NCSD staff complimented on documentation procedures
- Report preparation for WWTPs, water distribution system

Training

- All: CPR/First aid 7/22/10; Traffic Control 8/17/10; Defensive Driving 8/18/10
- Scott: Wastewater Analyses class 8/10/10
- Tina: Water Regulations and Water Conservation online classes 8/10 & 8/11/10

Other

- Reviewed Southland Wastewater Facility Improvement Design, SCADA plans and specifications
- Working with District Engineer on District Projects