

TO: MICHAEL LEBRUN *MSL*
INTERIM GENERAL MANAGER

FROM: PETER SEVCIK
DISTRICT ENGINEER

DATE: MARCH 2, 2011



SOUTHLAND WWTF UPGRADE PROJECT UPDATE

ITEM

Mike Nunley of AECOM Engineering to provide Southland WWTF Upgrade 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

- March 2011 Southland WWTF Upgrade Design Phase Status Report

Memorandum

To	Michael LeBrun, PE, Interim General Manager Peter Sevcik, PE, District Engineer	Page	1
CC	Jon Hanlon, Eileen Shields		
Subject	Southland WWTF Phase 1 Improvements – Design Phase Status Report		
From	Michael K. Nunley, PE		
Date	March 2, 2011		

The Project Team has completed the following items this month:

1. The administrative draft Report of Waste Discharge, required for the RWQCB permitting, was submitted to District staff for review and comment.
2. AECOM continues work on design documents for the 60% submittal, scheduled for March 9th.

Schedule

The Project Schedule is attached. A baseline was set at the August 4, 2010 based on the District's request. The schedule has been updated to reflect the current project status, and assumes that the work proposed under Scope Amendment #4 (design of additional infiltration basins) is approved.

Budget Status

The Invoice Summary is attached. The Invoice Summary indicates an amount invoiced which is consistent with the work completed to date. The project budget is attached. The project cost opinion has been updated based on the final Concept Design Report

Yours Sincerely,

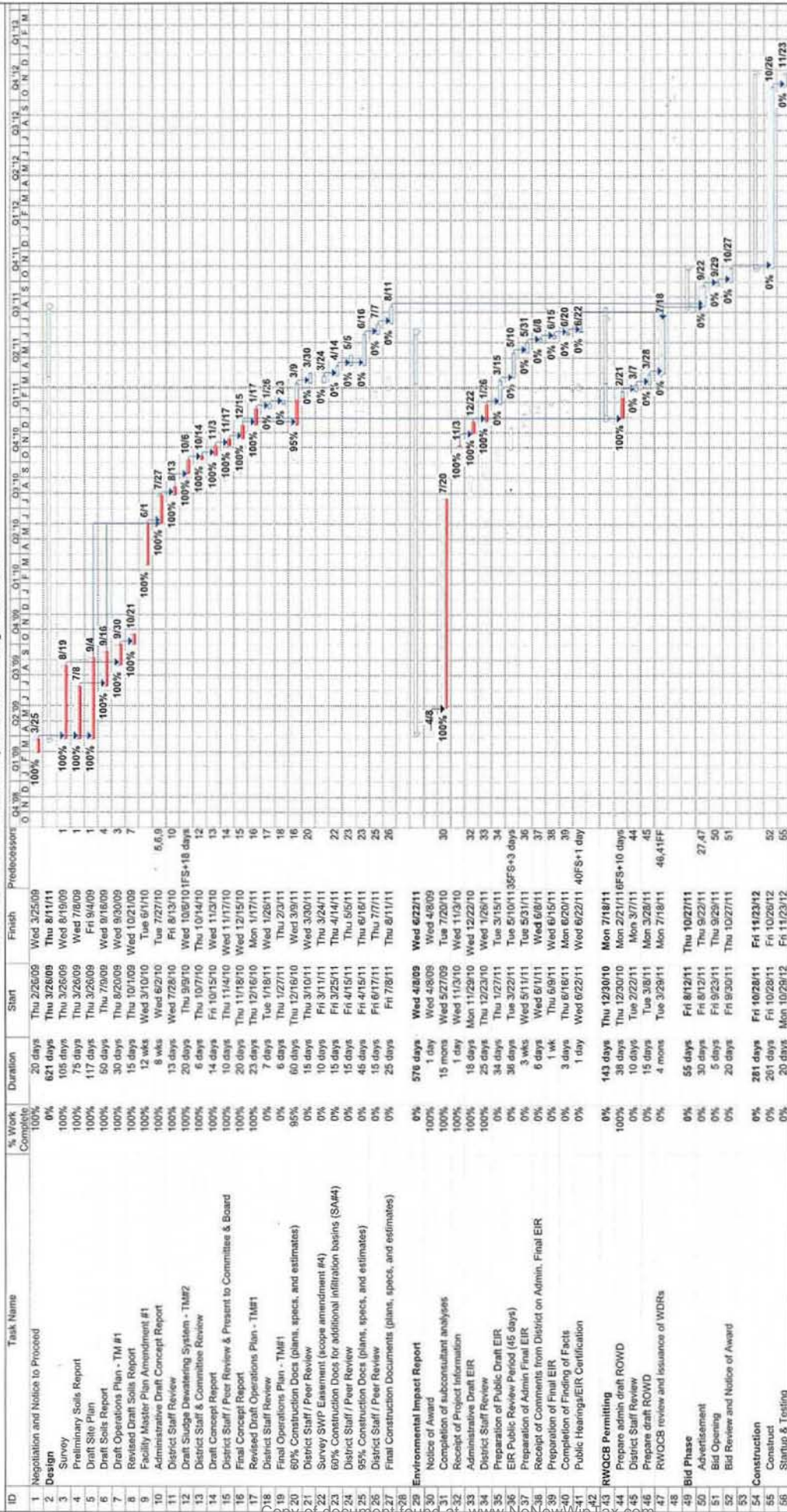


Michael K. Nunley, PE

Enclosures: Project Schedule
Invoice Summary
Project Budget Summary

Southland WWTF Phase 1 Improvements Design Schedule

Wed 3/21/11



Task Progress Bar: 0% (red), 100% (blue)

Task: Southland Design & ID 09
Date: Wed 3/21/11

Buttons: Milestone, Baseline Milestone, Summary, Related Up Baseline, Related Up Milestone, Related Up Critical Task, Related Up Milestone, Related Up Summary, Baseline Split, Extended Tasks, Group by Summary, Duration

Page 1

Project Budget Summary

2/28/2011

Engineering Services for NCSD - Southland WWTF Upgrade

Nipomo CSD

	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	% of Work Complete
Task Group 1 - Concept Design Phase	\$242,179.00	\$236,981.02	\$0.00	98%	98%
Task Group 2 - Construction Documents	\$566,856.00	\$119,339.73	\$137,994.84	45%	45%
Task Group 3 - Project Management	\$97,796.00	\$63,022.05	\$67.50	65%	65%
Task Group 4 - Assistance During Bid	\$39,539.00	\$0.00	\$0.00	0%	0%
Task Group 5 - Office Engineering Services	\$147,198.00	\$0.00	\$0.00	0%	0%
Task Group 6 - Amendment 1 Facility MP	\$37,020.00	\$37,131.75	\$0.00	100%	100%
Task Group 7 - Waste Discharge Report	\$30,130.00	\$12,164.04	\$3,025.89	50%	50%
Total	\$1,160,718.00	\$468,638.59	\$141,088.23	53%	53%

Date Printed 3/2/2011

Item	Description	Budgeted Amount Dec 2010 CDR (1)(2)	Updated Amount
1	Influent Pump Station & Flowmeter	\$ 509,400	
2	Spiral Screening System	\$ 352,100	
3	Grit Removal System	\$ 274,000	
4	Extended Aeration System	\$ 1,268,700	
5	Secondary Clarifier	\$ 1,767,000	
6	Sludge Thickening System	\$ 251,800	
7	Emergency Holding Basin	\$ 80,000	
8	Sludge Drying Beds	\$ 787,200	
9	Controls & Blower Building	\$ 251,100	
10	Non-Potable Plant Water System	\$ 226,400	
11	Site Piping	\$ 651,500	
12	Instrumentation & Controls	\$ 307,500	
13	Electrical	\$ 398,700	
	Construction Subtotal	\$ 7,125,000	
11	Construction Contingency	\$ 1,781,250 (3)	
	Construction Total	\$ 8,906,250	
12	Environmental Impact Report	\$ 93,400	
13	Design-Phase Engineering	\$ 1,160,718 (4)	
14	Construction Management	\$ 1,068,750 (5)	
15	Environmental Mitigation & Monitoring Allowance	\$ 142,500 (6)	
16	Permitting Fees Allowance	\$ 5,000 (7)	
17	Non-Construction Contingency	\$ 618,000 (8)	
	WWTF Phase 1 Improvements Estimated Total	\$ 11,995,000 (9)	

Notes:

- (1) ENR CCI (Dec 2010) = 8952
- (2) Costs are escalated by 2% per year to midpoint of construction (estimated 3/12/2012)
- (3) Construction contingency is estimated at 25% of construction subtotal
- (4) Design-Phase engineering costs are a sum based on original contract (May 2009), and scope amendments #1 (Jun 2009), #2 (Mar 2010), and #3 (Sept 2010)
- (5) To be updated by CM team; Construction Management costs estimated at 15% of construction subtotal.
- (6) Environmental mitigation and monitoring costs are estimated at 2% of construction subtotal and provided as an allowance. These costs will be further developed with the EIR process.
- (7) Permitting fees are estimated and provided as an allowance. These costs will be further developed with the EIR process.
- (8) Non-construction contingency is estimated at 25% of the non-construction total (line items 12 through 16).
- (9) Town Sewer System Financial Plan, August 24, 2007, assumes \$12 million project costs to be funded as follows:
 - \$8.9 million from new long-term debt (\$10.6 million par value)
 - \$2.6 million from Town Sewer Funded Replacement Fund
 - \$0.5 million from Town Sewer Capital Improvement Fund

TO: MICHAEL LEBRUN *MSL*
INTERIM GENERAL MANAGER

FROM: PETER SEVCIK
DISTRICT ENGINEER

DATE: MARCH 3, 2011

AGENDA ITEM
C-2
MARCH 9, 2011

NCSD DISTRICT ENGINEER ACTIVITIES SUMMARY

ITEM

District Engineer Update on Recent Activities. [NO ACTION REQUESTED].

BACKGROUND

Peter Sevcik is scheduled to summarize the attached.

RECOMMENDATION

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

ATTACHMENT

- District Engineer Activities



NIPOMO COMMUNITY SERVICES DISTRICT

148 SOUTH WILSON STREET
POST OFFICE BOX 326
NIPOMO, CA 93444 - 0326
(805) 929-1133 FAX (805) 929-1932
Web site address www.ncsd.ca.gov

MEMORANDUM

TO: MICHAEL LEBRUN, P.E., INTERIM GENERAL MANAGER
FROM: PETER V. SEVCIK, P.E., DISTRICT ENGINEER *P.V.S.*
DATE: MARCH 3, 2011
RE: DISTRICT ENGINEER ACTIVITIES UPDATE – FEBRUARY 2011

PROJECTS IN CONSTRUCTION:

- **Willow Road Waterline Extension Phase 1 Project**
 - SCOPE OF WORK - 1260 lineal feet of 14 inch diameter and 6280 lineal feet of 12 inch diameter waterline and associated ancillary facilities
 - Concurrent with County Willow Road Phase 1 Roadway Project
 - STATUS – 85% complete
- **Willow Road Waterline Extension Phase 2 Project**
 - SCOPE OF WORK - 3115 lineal feet of 12 inch diameter waterline and associated ancillary facilities
 - Concurrent with County Willow Road Phase 2 Roadway Project
 - STATUS – Notice to proceed pending

PROJECTS IN DESIGN AND PLANNING STAGES:

- **Frontage Road Trunk Sewer Replacement Project**
 - SCOPE OF WORK - 1100 lineal feet of 24 inch diameter and 3160 lineal feet of 21 inch diameter sanitary sewer and associated ancillary facilities
 - STATUS – Bid documents are being finalized
- **Southland WWTF Upgrade**
 - SCOPE OF WORK - Phase 1 improvements to the treatment plant include a new influent pump station, influent screening system, grit removal system, Biolac extended aeration system and final clarifier as well as gravity belt thickener and lined drying beds for biosolids handling
 - Continue to assist EIR consultant and design consultant
 - STATUS – Draft EIR preparation in progress and 60% design in progress

- **Santa Maria Waterline Intertie Project**
 - SCOPE OF WORK – 2600 lineal foot 24 inch diameter HDD bore, 16,000 lineal feet of 12 inch diameter waterline, 210 lineal foot freeway crossing jack and bore, 4800 lineal feet of 18 inch diameter waterline, 2480 lineal feet of 24 inch waterline, 300 lineal foot levee crossing jack and bore, 2000 gallon per minute pump station, 500,000 gallon tank, and 4 wellhead chloramination systems
 - Continue to assist property acquisition consultant and assessment engineer
 - STATUS – Design idled, property acquisition in progress, permitting in progress, assessment district formation in progress
- **Water and Sewer Master Plan Implementation**
 - Final design for SCADA Upgrade Project in progress
 - Developing plan for Dana Foothill Tank project

OTHER PROJECTS AND PROGRAMS:

- **Safety Program**
 - 2/11 quarterly safety meeting for all District employees
 - Continued to coordinate on-line safety training for all District Employees
- **Urban Water Management Plan**
 - Public Review Draft circulated
- **Development Oversight**
 - Tract 2523 – Tejas – Schaefer – Final acceptance in progress
 - Tract 2650 – Via Concha – Margarita Valley Ranch LLC – Plan check in progress
 - Maria Vista Estates Punchlist Review with new owner
- **Regulatory Compliance**
 - Monthly California Department of Public Health Water System compliance report
 - Monthly compliance reports for the Blacklake wastewater collection system
 - Monthly compliance reports for the Southland wastewater collection system
- **Other Projects**
 - Verizon Standpipe Tank Antenna Replacement
 - Reviewing District Standards and Specifications

MEETINGS/TRAINING

- Microsoft Outlook Training 2/11
- Sexual Harassment Prevention Training 2/16
- Regional Water Quality Control Board staff 2/25
- WIP Assessment Engineer 2/28