

TO: BOARD OF DIRECTORS
FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER
DATE: JULY 7, 2011



PRESENTATIONS AND REPORTS

- C-1) REPORT ON June 22, 2011 REGULAR MEETING CLOSED SESSION
Announcement of Actions, if any, Taken in Closed Session
- C-2) MIKE NUNLEY OF AECOM
Update Report re: Southland Wastewater Treatment Plant Upgrade
- C-3) NCSD DISTRICT ENGINEER PETER SEVCIK
Update Report re: Recent Activities
- C-4) DIRECTORS' ANNOUNCEMENTS OF DISTRICT & COMMUNITY INTEREST AND
REPORTS ON ATTENDANCE AT PUBLIC MEETINGS, TRAINING PROGRAMS,
CONFERENCES, AND SEMINARS.
Receive Announcements and Reports from Directors
- C-5) RECEIVE PUBLIC COMMENT ON PRESENTATIONS AND REPORTS
PRESENTED UNDER ITEM C AND BY MOTION RECEIVE and FILE
PRESENTATIONS AND REPORTS

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TO: BOARD OF DIRECTORS
FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER
DATE: JULY 7, 2011



JUNE 22, 2011 REGULAR MEETING CLOSED SESSION REPORT

ITEM

Announcement of Actions, if any, Taken in Closed Session [NO ACTION REQUESTED].

BACKGROUND

The June 22, 2011 Regular Meeting Closed Session included:

1. CONFERENCE WITH DISTRICT LEGAL COUNSEL RE: PENDING LITIGATION PURSUANT TO GC §54956.9 SMVWCD VS. NCSD (SANTA CLARA COUNTY CASE NO. CV 770214, SIXTH APPELLATE COURT CASE NO. H032750 AND ALL CONSOLIDATED CASES).
2. CONFERENCE WITH DISTRICT LEGAL COUNSEL RE: ANTICIPATED LIABILITY CLAIM PURSUANT TO GC SECTION 54956.95; CHERYL SIDWELL CLAIM AGAINST DISTRICT

Staff will report on closed session action taken, if any.

RECOMMENDATION

No Action

ATTACHMENTS

- None

TO: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER

FROM: PETER V. SEVCIK *P.V.S.*
DISTRICT ENGINEER

DATE: July 7, 2011



SOUTHLAND WWTF UPGRADE PROJECT UPDATE

ITEM

Mike Nunley of AECOM Inc. 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

- July 2011 Southland WWTF Upgrade Design Phase Status Report

Memorandum

To	Michael LeBrun, PE, 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	July 7, 2011		

The Project Team has completed the following items this month:

1. AECOM submitted the 95% plans, specifications, and construction cost opinion to District staff and provided copies to the District's peer review team for review and comments.
2. The draft Report of Waste Discharge was submitted to District staff for review. AECOM will integrate comments and provide a revised draft Report of Waste Discharge for Regional Water Quality Control Board review in preparation of the revised permit.
3. AECOM continues to work with District staff towards an alternate grading plan to utilize excess fill from the excavation of the new infiltration basins (alternate bid item) onsite.

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.

Budget Status

The Invoice Summary is attached. The Invoice Summary indicates the budget earned for Task Group 2, Construction Documents, is greater than work completed to date. We are working with District staff on a scope amendment to address items remaining for completion of design. The project budget is attached and is scheduled to be updated again after District review of the 95% design.

Yours Sincerely,

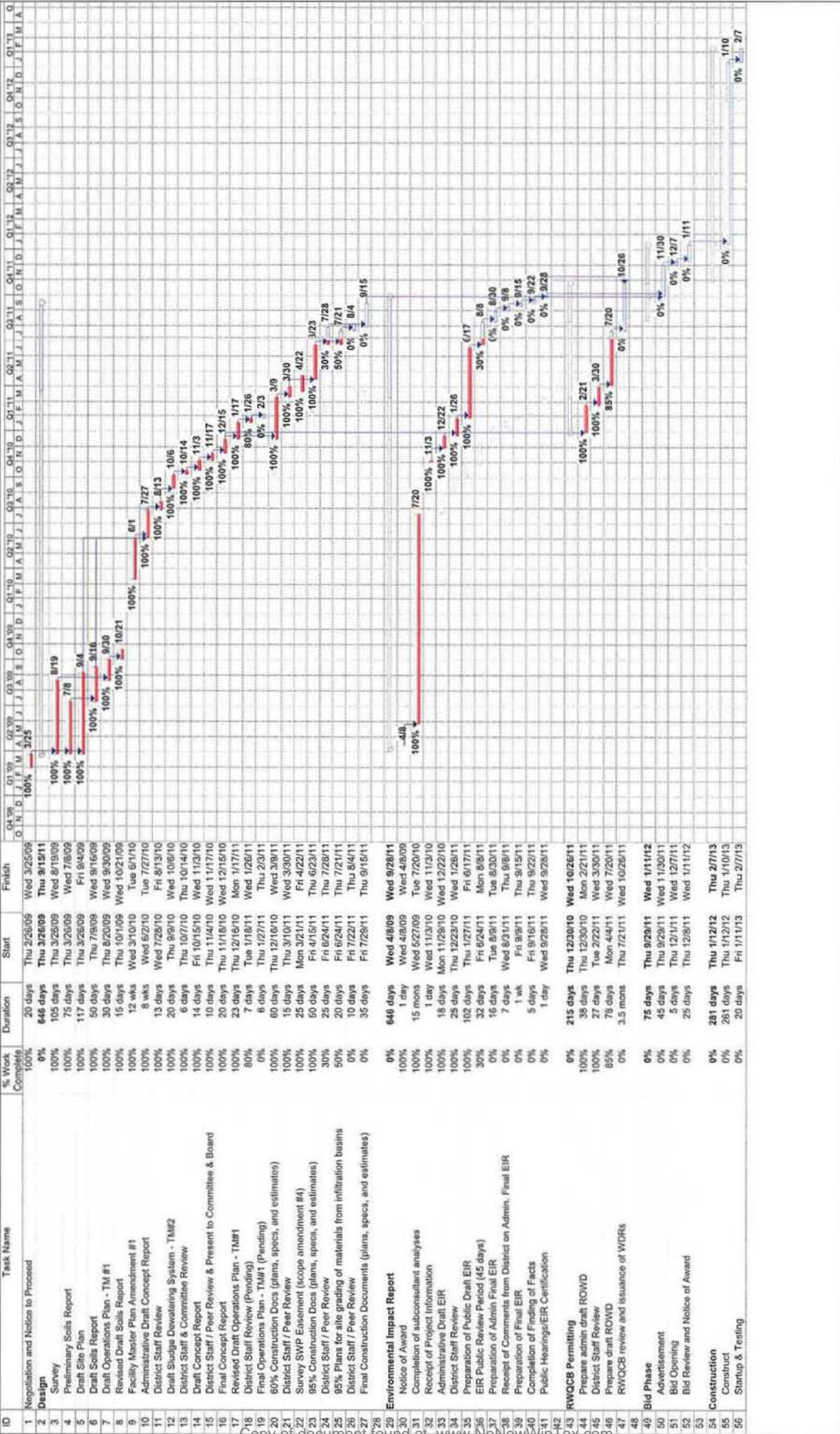


Michael K. Nunley, PE

Enclosures: Project Schedule, Invoice Summary, Project Budget Summary

Southland WWTF Phase 1 Improvements Design Schedule

Thu 7/7/11



Project: Southland Design 6.03.09
 Date: Thu 7/7/11

Task: Progress
 Milestone: Milestone Summary
 Rollup: Rollup Critical Task, Rollup Milestone, Rollup Baseline

External Tasks: External Task, Group By Summary, Baseline Split, Baseline Split

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Project Budget Summary

7/1/2011

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	\$249,736.00	\$245,618.32	\$0.00	98%	98%
Task Group 2 - Construction Documents	\$577,538.00	\$516,198.15	\$58,596.48	100%	90%
Task Group 3 - Project Management	\$97,796.00	\$76,354.65	\$5,872.50	84%	84%
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	\$18,991.53	\$3,146.85	73%	73%
Total	\$1,178,957.00	\$894,294.40	\$67,615.83	82%	77%

Date Printed 7/6/2011

Item	Description	Updated Amount Mar 2011 60% Plans (1)(2)
1	Influent Pump Station & Flowmeter	\$ 421,600
2	Spiral Screening System	\$ 402,500
3	Grit Removal System	\$ 254,000
4	Extended Aeration System	\$ 1,197,900
5	Secondary Clarifier	\$ 1,377,500 (3)
6	Sludge Thickening System	\$ 268,500
7	Emergency Holding Basin	\$ 105,700
8	Sludge Drying Beds	\$ 718,200
9	Controls & Blower Building	\$ 269,000
10	Non-Potable Plant Water System	\$ 210,800
11	Site Piping	\$ 1,297,100 (4)
12	Instrumentation & Controls	\$ 307,100
13	Electrical	\$ 724,400 (5)
14	Site Work	\$ 301,100 (6)
	Construction Subtotal	\$ 7,855,000
11	Construction Contingency	\$ 1,178,250 (7)
	Construction Total	\$ 9,033,250
12	Environmental Impact Report	\$ 93,400
13	Design-Phase Engineering	\$ 1,178,957 (8)
14	Construction Management	\$ 1,178,250 (9)
15	Environmental Mitigation & Monitoring Allowance	\$ 142,500 (10)
16	Permitting Fees Allowance	\$ 5,000 (11)
17	Non-Construction Contingency	\$ 363,643 (12)
	WWTF Phase 1 Improvements Estimated Total	\$ 11,995,000 (13)

Notes:

- (1) ENR CCI (Mar 2011) = 9011
- (2) Costs are escalated by 2% per year to midpoint of construction (estimated 5/11/2012)
- (3) The secondary clarifier cost opinion has reduced as a result of value engineering, which identified less cost required for the RAS/WAS pump station, distribution box, and miscellaneous piping.
- (4) The site piping cost opinion has increased to include the plant drain, scum piping, an increased length for the potable water line, non-potable water line, manholes and fittings, and an increased amount for shoring.
- (5) The electrical cost opinion has increased based on the 60% design.
- (6) Site work includes new gravel access roads, new fencing and relocation of existing fencing.
- (7) Construction contingency is estimated at 15% of construction subtotal.
- (8) Design-Phase engineering costs are a sum based on original contract (May 2009), and scope amendments #1 (Jun 2009), #2 (Mar 2010), #3 (Sept 2010), and #4 (Mar 2011).
- (9) To be updated by CM team; Construction Management costs estimated at 15% of construction subtotal.
- (10) Environmental mitigation and monitoring costs are provided as an allowance. These costs will be further developed with the EIR process.
- (11) Permitting fees are estimated and provided as an allowance. These costs will be further developed with the EIR process.
- (12) Non-construction contingency is estimated at approximately 14% of the non-construction total (line items 12 through 16).
- (13) 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: BOARD OF DIRECTORS
FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER
DATE: JULY 7, 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 report.

RECOMMENDATION

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

ATTACHMENT

- District Engineer Activities Summary



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 S. LEBRUN, P.E., GENERAL MANAGER
FROM: PETER V. SEVCIK, P.E., DISTRICT ENGINEER *P.V.S.*
DATE: JULY 7, 2011
RE: DISTRICT ENGINEER ACTIVITIES UPDATE – JUNE 2011

PROJECTS IN CONSTRUCTION:

- **Willow Road Waterline Extension Phase 1 Project**
 - SCOPE OF WORK – 1,260 lineal feet of 14-inch diameter and 6,280 lineal feet of 12-inch diameter waterline and associated ancillary facilities
 - Concurrent with County Willow Road Phase 1 Roadway Project
 - BUDGETED PROJECT COST \$1,300,000
 - STATUS – Waterline 99% complete
- **Willow Road Waterline Extension Phase 2 Project**
 - SCOPE OF WORK – 3,115 lineal feet of 12-inch diameter waterline and associated ancillary facilities
 - Concurrent with County Willow Road Phase 2 Roadway Project
 - BUDGETED PROJECT COST \$540,000
 - STATUS – Waterline 0% complete
- **Frontage Road Trunk Sewer Replacement Project**
 - SCOPE OF WORK – 1,100 lineal feet of 24-inch diameter and 3,160 lineal feet of 21-inch diameter sanitary sewer and associated ancillary facilities
 - BUDGETED PROJECT COST \$2,200,000
 - STATUS – Bid award scheduled for 7/13/2011

PROJECTS IN DESIGN AND PLANNING STAGES:

- **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
 - Draft EIR circulated for public comment

District Engineer Activities Update

July 7, 2011

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- Staff and peer review of 95% design in progress
- BUDGETED PROJECT COST \$12,000,000
- STATUS – 95% design submitted by AECOM

- **Supplemental Water Project**
 - SCOPE OF WORK – 2,600 lineal foot 24-inch diameter HDD bore, 16,000 lineal feet of 12-inch diameter waterline, 210 lineal foot freeway crossing jack and bore, 4,000 lineal feet of 18-inch diameter waterline, 2,480 lineal feet of 24-inch waterline, 300 lineal foot levee crossing jack and bore, 2,000 gallon per minute pump station, 500,000 gallon tank, and 4 wellhead chloramination systems
 - Continue to assist property acquisition consultant and assessment engineer
 - BUDGETED PROJECT COST \$25,300,000
 - 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**
 - Continued to coordinate on-line safety training for all District Employees

- **Urban Water Management Plan**
 - 2010 Urban Water Management Plan completed and distributed

- **Development Oversight**
 - Tract 2650 – Via Concha – Margarita Valley Ranch LLC
 - Hillside Terrace Apartments – Hill and Blume – Bill Kengel

MEETINGS

- 6/1, AECOM, project status meeting
- 6/3, Cannon, Willow Road Phase 1 project walk
- 6/7, Golden State Water Company, service area review
- 6/9, District computer support provider
- 6/15, NMMA TG
- 6/17, AECOM, project status meeting
- 6/20, Frontage Road Trunk Sewer pre-bid meeting
- 6/21, City of Atascadero SCADA system demonstration
- 6/23, MNS and Granite Construction, Willow Road Phase 2
- 6/24, NMMA TG