

TO: BOARD OF DIRECTORS
FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER
DATE: NOVEMBER 10, 2011



PRESENTATIONS AND REPORTS

- C-1) SHERIFF COMMANDER ROBIN WECKERLY
Update Report re: South County Law Enforcement and Department News
- 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

TO: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER

FROM: PETER V. SEVCIK
DISTRICT ENGINEER

DATE: November 9, 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

- November 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	November 9, 2011		

The Project Team has completed the following items this month:

1. AECOM submitted Draft Final construction documents on November 2nd for District staff and CM Team review.
2. We continue to work with District staff to fulfill the requirements for crossing the CCWA waterline with the treated effluent line and obtain a permit from DWR. As part of the requirements, the waterline and communication line were located in the field (potholed) and the information was added to the plans. We are currently drafting the encroachment permit application.
3. AECOM is completing the cost opinion update based on the draft final plans and specifications and will submit it for District staff and CM Team review this week.
4. AECOM worked with District staff and legal counsel on the draft prequalification package. We participated in a strategizing meeting on October 24th and prepared the draft package for review. The draft final prequalification package will be submitted for final review this week.

Schedule

The Project Schedule is attached. The schedule has been updated to reflect the current project status, considering the draft final submittal and review, the EIR schedule, and the permitting schedule. The WDR issuance date was estimated based on the discussion with RWQCB staff and this year's RWQCB Board schedule. This target date is yet to be confirmed with RWQCB staff, and will be updated as permitting proceeds.

Budget Status

The Invoice Summary is attached. The project budget is attached and has updated to reflect the 95% design. It will be updated to reflect the draft final design after review of the submittal is complete.

Yours Sincerely,



Michael K. Nunley, PE

Enclosures: Project Schedule, Invoice Summary, Project Budget Summary

Project Budget Summary

10/31/2011

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	\$247,303.12	\$0.00	99%	99%
Task Group 2 - Construction Documents	\$723,102.00	\$672,383.43	\$21,813.30	96%	96%
Task Group 3 - Project Management	\$120,852.00	\$98,000.55	\$3,510.00	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	\$26,619.03	\$0.00	88%	88%
Task Group 8 - Prequalification Program	\$24,798.00	\$0.00	\$2,068.20	8%	8%
Total	\$1,372,375.00	\$1,081,437.88	\$27,391.50	81%	79%

Item	Description	Estimated Project Costs
1	Influent Pump Station & Flowmeter	\$ 427,900
2	Spiral Screening System	\$ 422,400
3	Grit Removal System	\$ 276,400
4	Extended Aeration System	\$ 1,163,200
5	Secondary Clarifier	\$ 1,330,400
6	Sludge Thickening System	\$ 279,600
7	Emergency Holding Basin	\$ 69,400 (3)
8	Sludge Drying Beds	\$ 716,700
9	Controls & Blower Building	\$ 272,900
10	Non-Potable Plant Water System	\$ 230,100
11	Site Piping	\$ 1,340,500 (4)
12	Instrumentation & Controls	\$ 306,400
13	Electrical	\$ 723,500
14	Site Work	\$ 317,000
	Construction Subtotal	\$ 7,876,000
15	Construction Contingency	\$ 1,181,400 (5)
	Construction Total	\$ 9,057,000 (1)(2)(12)
16	Environmental Impact Report	\$ 109,170
17	Design-Phase Engineering	\$ 1,372,375 (6)
18	Construction Management	\$ 1,181,400 (7)
19	Environmental Mitigation & Monitoring Allowance	\$ 142,500 (8)
20	Permitting Fees Allowance	\$ 5,000 (9)
21	Non-Construction Contingency Allowance	\$ 127,555 (10)
	WWTF Phase 1 Improvements Estimated Total	\$ 11,995,000 (11)

Notes:

- (1) ENR CCI (June 2011) = 9080
- (2) Costs are escalated by 2% per year to midpoint of construction (estimated 7/3/2012)
- (3) The emergency holding basin cost has been reduced based on relocation to Aeration Basin #2 (for Phase 1), eliminating the need for construction of a separate basin.
- (4) The site piping cost opinion has increased based on refined number of fittings, valves, and revised lengths.
- (5) Construction contingency is estimated at 15% of construction subtotal.
- (6) 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), #4 (Mar 2011), and #5 (July 2011).
- (7) To be updated by CM team; Construction Management costs estimated at 15% of construction subtotal.
- (8) Environmental mitigation and monitoring costs are provided as an allowance. These costs will be further developed with the EIR process.
- (9) Permitting fees are estimated and provided as an allowance. These costs will be further developed with the EIR process.
- (10) Non-construction contingency allowance is for non-construction project-related expenses.
- (11) 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
- (12) Construction cost opinion (line items 1 through 15) are based on June 2011 95% design documents

TO: BOARD OF DIRECTORS

FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER

DATE: NOVEMBER 10, 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: NOVEMBER 9, 2011
 RE: DISTRICT ENGINEER ACTIVITIES UPDATE

PROJECTS IN CONSTRUCTION

- **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 – Construction in Progress

Item	Description	Contract Amount
1	Design	\$130,917
2	Construction Management	\$258,630
3	Construction Management Contingency	\$25,000
	Subtotal	\$414,547
3	Construction Contract	\$1,459,236
4	Construction Contingency	\$150,000
	Subtotal	\$1,609,236
	Estimated Total Project Cost	\$2,023,783
Construction Contract Cost Summary		
5	Contract	\$1,459,236.00
6	Change Orders	(\$2,485.00)
7	Revised Contract	\$1,456,751.00
8	Completed to Date	\$280,164.00
9	Less 10% Retention	\$28,016.40
10	Total Invoiced	\$252,147.60

- **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 – Waiting on Final Accounting From San Luis Obispo County

Item	Description	Contract Amount
1	Design and Construction Management	\$258,975
2	Construction Deposit to County	\$663,120
3	Construction Contingency	\$66,300
Estimated Total Project Cost		\$988,395

- **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 95% complete

Item	Description	Contract Amount
1	Design and Construction Management	\$151,890
2	Construction Deposit to County	\$257,892
3	Construction Contingency	\$25,800
Estimated Total Project Cost		\$435,582

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
- BUDGETED PROJECT COST \$12,000,000
- STATUS – Draft Final Design Review in progress, Contractor Pre-Qualification Process Pending, EIR Certification pending, Waste Discharge Order pending

- **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
- BUDGETED PROJECT COST \$25,300,000
- STATUS – Design restarted, property acquisition in progress, permitting in progress, assessment district formation in progress

- **Water and Sewer Master Plan Implementation**
 - SCADA Upgrade Project – Proposals due 11/10/2011
 - Standpipe Mixing Project in planning stage
 - Blacklake Well #4 Optimization Project in design stage

OTHER PROJECTS AND PROGRAMS

- **Safety Program**
 - Fall Protection training for operations employees 10/10
 - CalOHSAs Compliance Seminar 11/4
 - Continued to coordinate on-line safety training for all District Employees
- **Development Oversight**
 - Tract 2650 – Via Concha – Margarita Valley Ranch LLC
 - Hillside Terrace Apartments – Hill and Blume – Bill Kengel
 - Maria Vista Estates – Sequoia Financial and Rialto Capital

MEETINGS

- 10/10, Fall Protection Training
- 10/11, NMMA
- 10/17, AECOM and MNS, Southland WWTF Upgrade Coordination
- 10/17, Board Officer Coordination
- 10/20, SLO County, Supplemental Water Project Assessment
- 10/24, Southland Contractor Prequalification
- 10/25, SCADA Upgrade Project Pre-Proposal Conference
- 10/31, MNS, Southland WWTF Construction Management
- 11/4, CalOHSAs Compliance Seminar