

NIPOMO COMMUNITY SERVICES DISTRICT

MONDAY, May 9, 2011

2:00 P. M.

SPECIAL MEETING NOTICE & AGENDA SOUTHLAND WWTF UPGRADE PROJECT COMMITTEE

COMMITTEE MEMBERS

**MICHAEL WINN, CHAIR
JAMES HARRISON, MEMBER**

PRINCIPAL STAFF

**MICHAEL LEBRUN, INTERIM GENERAL MANAGER
LISA BOGNUDA, ASSIST. GENERAL MANAGER
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 & FLAG SALUTE**
- 2. REVIEW STATUS OF SOUTHLAND WWTF UPGRADE PROJECT**
ACTION RECOMMENDED: Receive Report
- 3. REVIEW EXTERIOR COLOR FOR BLOWER/ELECTRICAL BUILDING AND
SODIUM HYPOCHLORITE BUILDING FOR THE SOUTHLAND WWTF PHASE 1
UPGRADE PROJECT**
ACTION RECOMMENDED: Provide Direction to Staff
- 4. ADJOURN**

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

TO: MICHAEL LEBRUN *MLC*
INTERIM GENERAL MANAGER

FROM: PETER SEVCIK *PVS*
DISTRICT ENGINEER

DATE: MAY 5, 2011



REVIEW STATUS OF SOUTHLAND WWTF UPGRADE PROJECT

ITEM

Review status of Southland WWTF Upgrade Project [Receive Report].

BACKGROUND

Mike Nunley from AECOM is scheduled to summarize the attached Monthly Design Phase Status Report at the Committee Meeting.

Doug Wood and Associates (DWA) is proceeding with preparation of the Draft Environmental Impact Report that is tentatively scheduled to be completed on May 16, 2011. AECOM's schedule includes the updated EIR schedule.

It should be noted that the Board has already implemented the user rates and capacity charges necessary to fund the proposed Phase 1 project and the District already owns the land for construction for the Phase 1 project. District staff is developing financing options for the Board's consideration.

STRATEGIC PLAN

Strategic Plan Goal 2.2 – Upgrade and Maintain Collection and Treatment Works

RECOMMENDATION

Staff recommends that the Committee receive the project update and ask questions as appropriate.

ATTACHMENT

AECOM May 2011 Southland WWTF Upgrade Phase 1 Project Design 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 May 4, 2011

The Project Team has completed the following items this month:

1. AECOM continued work on the construction documents. The 95% submittal is scheduled for June 16th.
2. AECOM coordinated and attended the operator's workshop on April 12th to present the 60% design and receive input from the District's wastewater operations staff.
3. AECOM continued to work with District staff on the draft Report of Waste Discharge.
4. GTA (AECOM's subconsultant) completed the survey of the CCWA State Water Pipeline easement. AECOM will integrate the easement into the plans.

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 an amount invoiced which is consistent with the work completed to date. The project budget is attached and has been updated to reflect the 60% design.

Yours Sincerely,

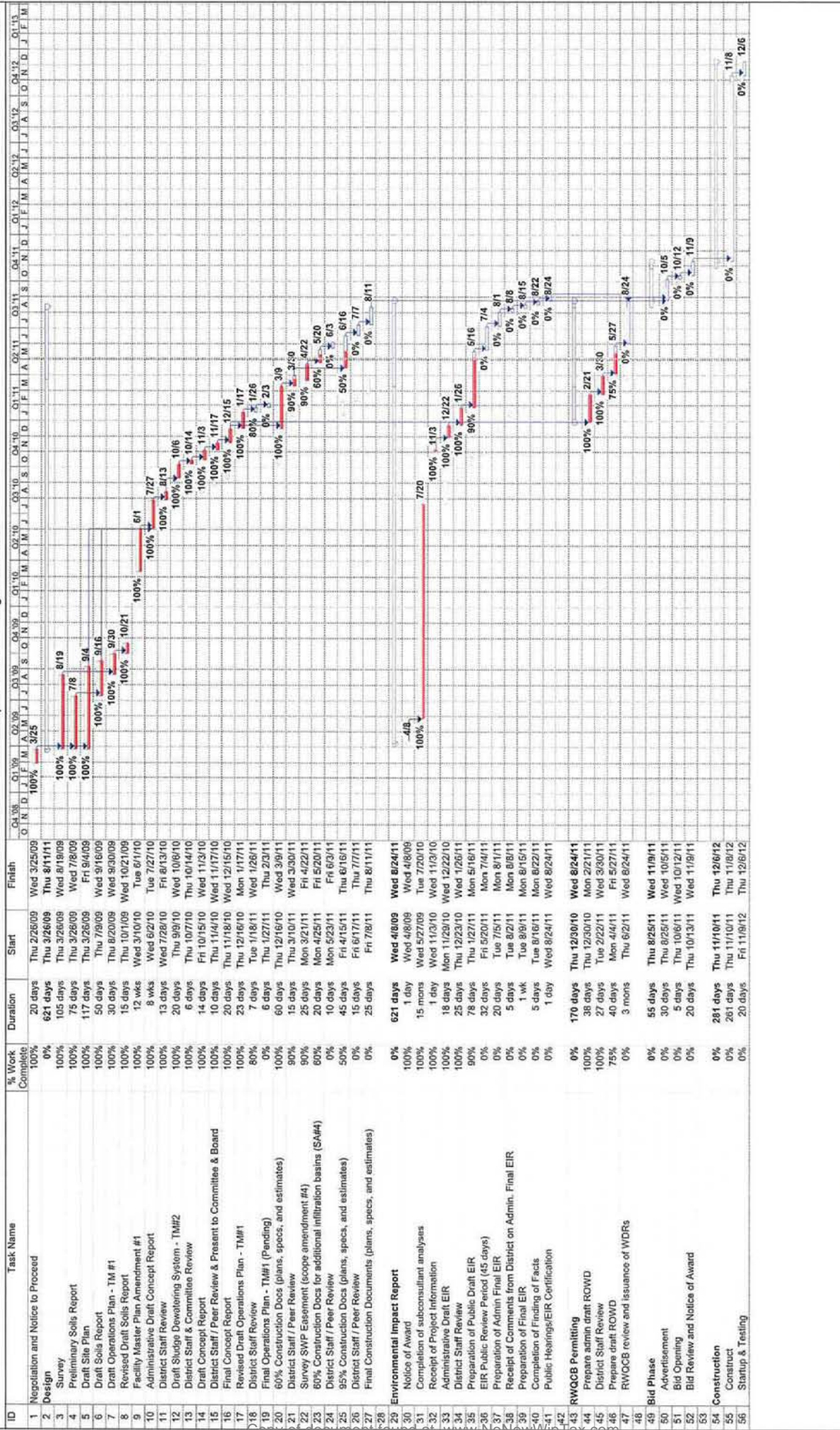


Michael K. Nunley, PE

Enclosures: Project Schedule, Invoice Summary, Project Budget Summary

Southland WWTF Phase 1 Improvements Design Schedule

Tue 5/3/11



Task Legend: Milestone, Baseline Milestone, Summary

Task Legend: Milestone, Baseline Milestone, Summary

Task Legend: Milestone, Baseline Milestone, Summary

Task Legend: Milestone, Baseline Milestone, Summary

Project: Southland Design 5.03.09
Date: Tue 5/3/11

Page 1

Project Budget Summary

4/29/2011

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	\$237,226.72	\$3,549.04	99%	99%
Task Group 2 - Construction Documents	\$566,856.00	\$323,745.12	\$94,186.53	74%	74%
Task Group 3 - Project Management	\$97,796.00	\$66,891.15	\$3,040.20	72%	72%
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	\$15,513.93	\$2,937.60	61%	61%
Total	\$1,160,718.00	\$680,508.67	\$103,713.37	68%	68%

Date Printed 5/4/2011

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: MICHAEL LEBRUN *MSL*
INTERIM GENERAL MANAGER

FROM: PETER SEVCIK *PVS*
DISTRICT ENGINEER

DATE: MAY 5, 2011

AGENDA ITEM
3
MAY 9, 2011

**REVIEW EXTERIOR COLOR FOR
BLOWER/ELECTRICAL BUILDING AND SODIUM HYPOCHLORITE
BUILDING FOR SOUTHLAND WWTF PHASE 1 UPGRADE PROJECT**

ITEM

Review exterior color for blower/electrical building and sodium hypochlorite building for Southland WWTF Phase 1 Upgrade Project [PROVIDE DIRECTION TO STAFF].

BACKGROUND

The Board selected AECOM to provide final engineering design services for Phase 1 of the Southland Wastewater Treatment Facility (WWTF) Improvement Project. The project is based on the January 2009 Southland WWTF Master Plan and August 2010 Southland WWTF Master Plan Amendment #1. The project as currently envisioned involves maintaining the current capacity of 0.9 MGD and includes a influent lift station, influent screening system, grit removal system, Biolac® cell in Pond 1, a clarifier, gravity belt thickener, two concrete lined sludge drying beds, controls & blower building, a non-potable plant water system and additional disposal facilities.

Most of the new plant structures will be concrete and visible exterior surfaces will be natural concrete color. The new plant facilities include two new buildings – an electrical/blower building and a sodium hypochlorite building. The buildings will be constructed with split face block and have a metal standing seam roof to minimize maintenance requirements. Attached is the site plan from the 60% complete design submittal that shows the location of the two buildings. The Draft EIR is anticipated to include a mitigation measure that colors selected for the buildings be muted tones which match or are comparable with the colors in the surrounding areas. Staff will present the color options being considered for the buildings that are part of the project at the Committee meeting.

FISCAL IMPACT

Selection of manufacturer's standard colors is not expected to impact project costs.

STRATEGIC PLAN

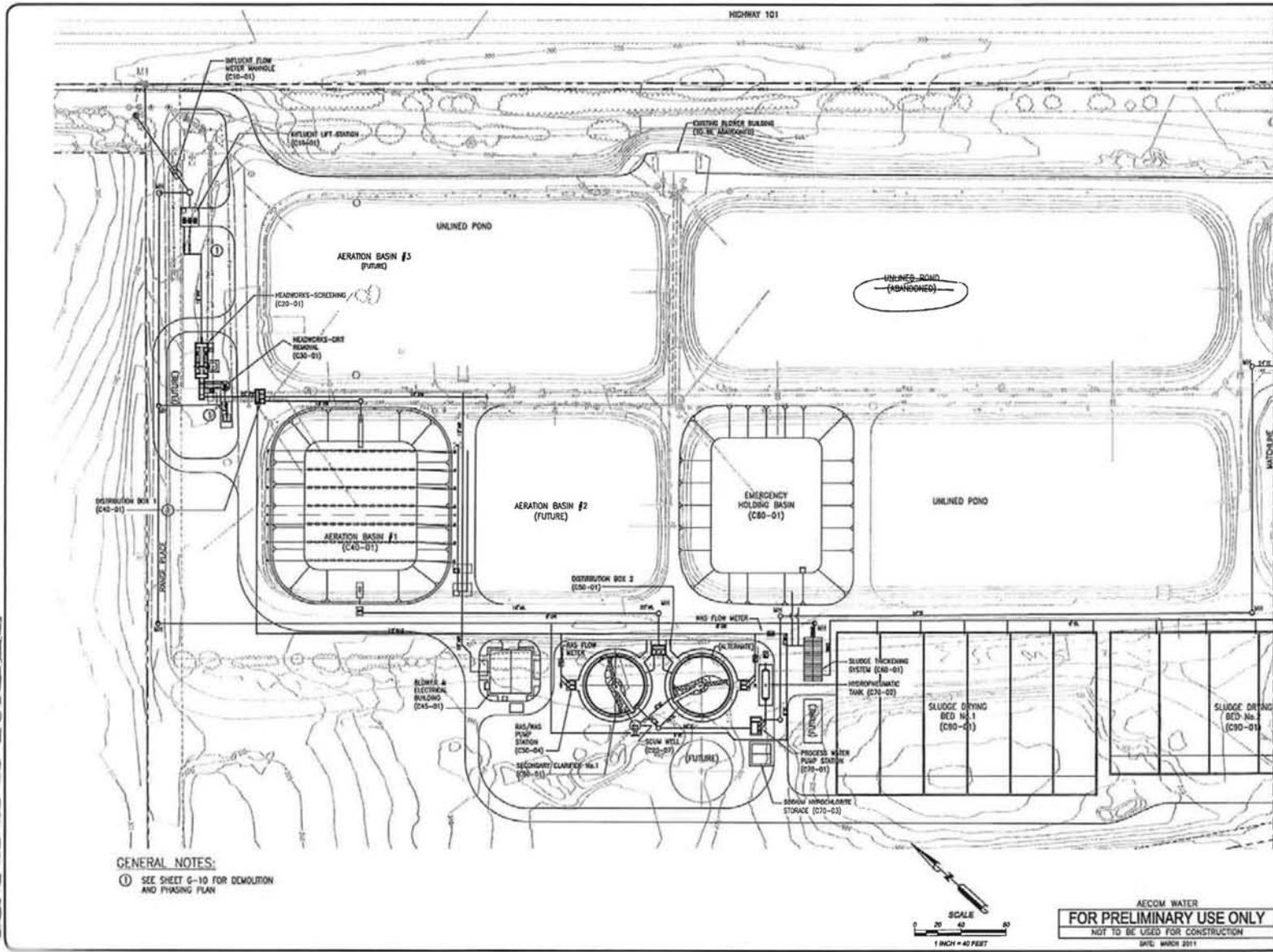
Strategic Plan Goal 2.2 – Upgrade and Maintain Collection and Treatment Works

RECOMMENDATION

Staff recommends that the Committee receive staff's presentation and provide direction to staff.

ATTACHMENT

- 60% Design Site Plan



GENERAL NOTES:
 ① SEE SHEET G-10 FOR DEMOLITION AND PHASING PLAN

AECOM WATER
FOR PRELIMINARY USE ONLY
 NOT TO BE USED FOR CONSTRUCTION
 DATE: MARCH 2011

SCALE
 1" = 40'
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NIPOMO COMMUNITY SERVICES DISTRICT SOUTHLAND WWTP IMPROVEMENTS	
SITE LAYOUT 1	
DESIGNER: ERM REVISIONS: BPS/CLP	PROJECT NO.: 0412044 AECOM PROJECT NO.: 0412044 HCDP PROJECT NO.:
DATE: MARCH 2011	CAD: ETS/ACD/BSL
G-08 SHEET 8 OF 144	