

TO: BOARD OF DIRECTORS
FROM: MICHAEL S. LEBRUN *MSL*
GENERAL MANAGER
DATE: NOVEMBER 8, 2012



PRESENTATIONS AND REPORTS

- C-1) REPORT ON OCTOBER 24, 2012 REGULAR MEETING CLOSED SESSION
Announcement of Actions, if any, taken in Closed Session
- C-2) NCS D DISTRICT ENGINEER PETER SEVCIK
Update Report re: Recent Activities
- C-3) 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-4) RECEIVE PUBLIC COMMENT ON PRESENTATIONS AND REPORTS
PRESENTED UNDER ITEM C AND BY MOTION RECEIVE AND FILE
PRESENTATIONS AND REPORTS

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GENERAL MANAGER
DATE: NOVEMBER 8, 2012



OCTOBER 24, 2012 REGULAR MEETING CLOSED SESSION REPORT

ITEM

Announcement of actions, if any, taken during Closed Session at previous Regular Meeting [NO ACTION REQUESTED].

BACKGROUND

The October 24, 2012 Regular Meeting Closed Session included:

I. CLOSED SESSION ANNOUNCEMENTS

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 LEGAL COUNSEL RE: PENDING LITIGATION PURSUANT TO GC SECTION 54956.9, WHITLOW/NCSD (CASE # E20112E1116-00-APS FILED WITH THE DEPARTMENT OF FAIR HOUSING AND EMPLOYMENT)
3. CONFERENCE WITH LEGAL COUNSEL PURSUANT TO GOVT. CODE §54956.9(b):
Anticipated litigation - 1 case

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

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GENERAL MANAGER
DATE: NOVEMBER 8, 2012



NCSD DISTRICT ENGINEER ACTIVITIES UPDATE

ITEM

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

BACKGROUND

District Engineer Peter Sevcik will review the attached activities summary.

RECOMMENDATION

Staff recommends that your Honorable Board receive the written update.

ATTACHMENT

- A. District Engineer Activities Summary

NOVEMBER 14, 2012

ITEM C-2

ATTACHMENT A



NIPOMO COMMUNITY SERVICES DISTRICT

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 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 8, 2012
 RE: DISTRICT ENGINEER ACTIVITIES UPDATE

PROJECTS IN CONSTRUCTION

- **Southland WWTF Phase 1 Improvement Project**
 - SCOPE OF WORK - Phase 1 improvements to the treatment plant include an influent metering station, influent pump station, influent screening system, grit removal system, Biolac® extended-aeration system and two final clarifiers as well as gravity belt thickener and lined drying beds for biosolids handling.
 - STATUS
 - Scheduled Contract Completion May 2014
 - Clarifier 1 foundation poured
 - RAS/WAS Pump Station 1 foundation poured
 - Subgrade for sludge drying beds completed

Construction Contract Cost Summary	
Contract Amount – Cushman	\$10,224,900.00
Change Orders	\$20,854.00
Revised Contract Amount	\$10,245,754.00
Completed to Date	\$988,154.00

Project Cost Summary	
Description	Contract Amount
Design – AECOM	\$1,525,120
Construction Management – MNS	\$1,276,560
Construction Management Contingency	\$65,000
Subtotal	\$2,866,680
Construction Contract – Cushman	\$10,224,900
Construction Contingency	\$500,000
Subtotal	\$10,724,900
EIR and Permitting	\$115,370
Estimated Total Project Cost	\$13,706,950

- **SCADA Upgrade Project**

- SCOPE OF WORK – New SCADA system servers, SCADA software, SCADA software configuration, reconfiguration of all existing remote site control panels, and re-programming of all existing Programmable Logic Controllers (PLC) at all existing remote site control panels
- BUDGETED PROJECT COST \$350,648
- STATUS
 - All 27 remote sites migrated to new SCADA system
 - 21 day acceptance test and training pending
 - Scheduled completion December 2012

Item	Description	Contract Amount
1	Implementation Services	\$318,648
2	Change Order	\$24,794
3	Revised Contract Amount	\$343,442
4	Remaining Contingency	\$7206
Estimated Total Project Cost		\$350,648

CONSTRUCTION PROJECTS COMPLETED - CLOSE OUT PENDING

- **Willow Road Waterline Extension Phase 1 & 2 Projects**

- SCOPE OF WORK – 1,300 lineal feet of 14-inch diameter and 9400 lineal feet of 12-inch diameter waterline and associated ancillary facilities
- Concurrent with County Willow Road Phase 1 & 2 Roadway Projects
- BUDGETED PROJECT COST \$1,840,000
- ESTIMATED TOTAL PROJECT COST \$1,340,000
- STATUS – Final accounting from San Luis Obispo County pending

PROJECTS IN DESIGN AND PLANNING STAGES

- **Supplemental Water Project**

- SCOPE OF WORK – 2,600 lineal feet 24-inch diameter HDD bore, 4,000 lineal feet of 18-inch diameter waterline, 2,480 lineal feet of 24-inch waterline, 300 lineal feet levee crossing jack and bore, 400 gallon per minute pump station, and 4 wellhead chloramination systems
- STATUS
 - Phase 1 final design in progress
 - Phase 2 IRWMP Grant application submitted to County

- **Water and Sewer Master Plan Implementation**
 - Blacklake Well #4 Pump Replacement Project
 - Design in process of being finalized
 - Standpipe Tank Inlet Modification and Interior Rehabilitation
 - Design in process of being finalized

OTHER PROJECTS AND PROGRAMS

- **Safety Program**
 - Conducted monthly safety meeting for all operations employees on 10/15
 - Continued to coordinate on-line safety training for all District Employees
- **Development Oversight**
 - Maria Vista Estates – Sequoia Financial and Rialto Capital
 - Lift station air compressor replacement in progress
 - Tract 2650 – Greg Nester Construction
 - Water system installation in progress

MEETINGS

- 10/1 – NMMA
- 10/2 – Personnel Committee
- 10/2 – Supplemental Water Alternatives Evaluation Committee
- 10/4 – Southland WWTF Phase 1 Improvement Project Construction Progress
- 10/5 – General Manager Coordination
- 10/11 – Southland WWTF Phase 1 Improvement Project Construction Progress
- 10/11 – Management Coordination
- 10/15 – Cannon – Standpipe Project & Blacklake Well 4 Pump Replacement Project
- 10/16 – General Manager Coordination
- 10/18 – Southland WWTF Phase 1 Improvement Project Construction Progress
- 10/18 – AECOM - Supplemental Water Project Phase 1
- 10/25 – DWR, SLO County Public Works – Prop 84 Round 1 Implementation Grant
- 10/25 – Management Coordination Meeting
- 10/26 – Willow Road Ribbon Cutting Ceremony
- 10/30 – SLO County - Maria Vista Phase 3 Public Improvements
- 10/31 – Supplemental Water Alternatives Evaluation Sub-Committee
- 10/31 – NMMA

ATTACHMENT

- October 2012 Southland WWTF Improvements Phase 1 Project Monthly Construction Progress Report

Nipomo Community Services District



Southland WWTF Improvements Phase 1 Project Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

October 2012

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	July 30, 2012
Original Contract Days	645
Contract Days Added	00
Revised Contract Days	645
Elapsed Time (Days)	(93)
Remaining Time (Days)	583
Contract Completion Date	May 6, 2014
Time Elapsed to Date	14%
Work Completed to Date	9%
Approved Change Orders	00

Budget Summary

Original Contract Amount	\$10,224,900.00
Approved Change Orders	\$20,854.00
Revised Contract Amount	\$10,245,754.00
Previous Payments	\$587,150.00
Current Month Pay Request	\$401,004.00
Total Work Completed	\$988,154.00
Work Remaining	\$9,257,600.00

Progress Summary

Site Work

Summary of Work:

Cushman completed draining and removal of sludge in Pond #1 then proceeded with demolition of existing piping and electrical per Plan C-01 in Area A.

Pictures:



Demo of existing 10" Influent piping.



Demo of 8" influent piping and distribution vault.

Process 50 – Secondary Clarifier No. 1

Summary of Work:

Cushman completed excavation for the clarifiers in Area B, finalized slopes and mobilized their crane into the excavation. They placed base material, forms, reinforcing and 10" and 12" ductile iron pipes for the center sump of Clarifier #1 as well as the slab and foundation of the RAS/WAS Pump Station for Clarifier #1. They poured approximately 120 yards of 4,000 psi concrete for both the Clarifier and the RAS/WAS slab and foundation, which was cured, then forms stripped and backfill completed around the sump for Clarifier #1.

Pictures:



Completing clarifier excavation.



Checking slope of clarifier excavation.



Widening and cutting slope of open cut excavation.



Placing base material with crane for Clarifier #1



Setting forms for Clarifier #1 center sump structure.



Using crane to install under structure piping 18" ML



First concrete pour for Clarifier #1 and the RAS/WAS pump station.



Pouring slab and foundation for the RAS/WAS pump station.



Installing second layer of rebar for Clarifier #1 center structure.



Second concrete pour at Clarifier #1 center base structure.



Stripping forms at Clarifier #1 center base structure.

Process 90 – Sludge Drying Beds

Summary of Work:

The sludge drying beds were excavated, compacted and graded to subgrade with placement of 4" recycled aggregate base material.

Pictures:



Placing, grading and compacting 4" recycled base material at sludge drying beds.



Moisture conditioning of base material.



Checking compaction of base material at sludge drying beds.



Completed installation of 4" base material in sludge drying beds.

SWPPP and Dust Control

Summary of Work:

As of October 15, the site was inspected to verify all SWPPP requirements were in place. The Contractor also elected to apply an erosion control mulch to the slopes around the clarifier excavation and has installed a sprinkler system to manage dust control in the high winds Nipomo has experienced this October.



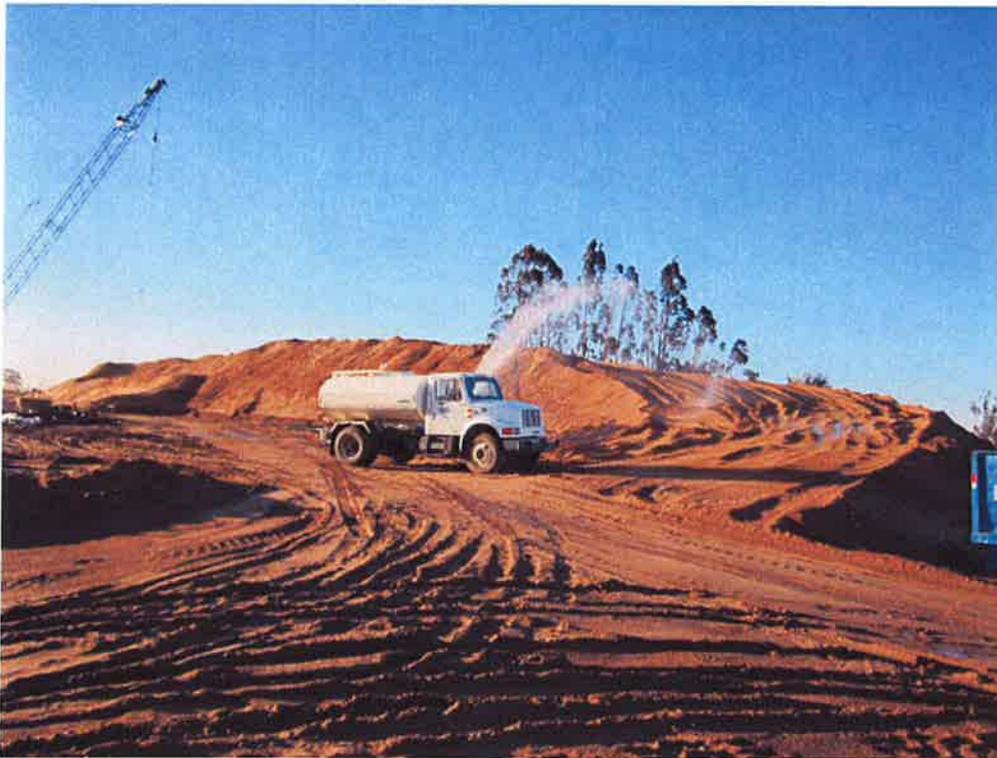
Applying mulch erosion control to slopes around clarifier excavation.



Mulch erosion control on clarifier excavation slopes.



Dust control during high winds.



Dust control on stockpile.

Change Orders

1. Extra Surveying

Cushman's surveyor, Above Grade, discovered the control called for in the Contract Documents was in error and set control points to be used for construction based on known points on site. Cost is estimated to be \$3,900.

Final Cost: \$3,900

2. Extra work at Pond #1

In order to bypass Pond #1, Cushman had to plug a defective telescoping valve at Pond #3 and modify piping between Ponds #3 and 4. Cost is estimated to be approximately \$15,000.

Final Cost: \$13,930

3. Fencing Changes

Modifications were made to the site fencing to protect permanent fencing from damage if the District elects to do Alternative X and also to remove existing fence which is no longer needed. This resulted in a credit change order to the District estimated to be \$20,000.

Final Credit: \$21,530

4. Remove buried debris

While Cushman was preparing to excavate for the clarifiers, they discovered buried debris on the site which included concrete, pipe, metals, old asphalt and miscellaneous trash. In order to reduce disposal costs, the debris was separated from the sand by using a "Grizzly". The debris was hauled from the site and disposed of while the remaining sand was stockpiled on site and will be used under landscape areas or berms. The estimated cost is approximately \$24,000.

Final Cost: \$24,554