

TO: BOARD OF DIRECTORS  
FROM: MICHAEL S. LEBRUN *MSL*  
GENERAL MANAGER  
DATE: February 7, 2013, 2013



## PRESENTATIONS AND REPORTS

The following presentations and reports are scheduled;

- C-1) REPORT ON JANUARY 23, 2013 REGULAR MEETING CLOSED SESSION  
Announcement of actions, if any, taken in Closed Session
- C-2) SUPPLEMENTAL WATER ALTERNATIVES REVIEW COMMITTEE PROGRESS  
UPDATE AND PRELIMINARY REPORT OF FINDINGS  
Receive Update from Citizen's Committee
- C-3) DISTRICT ENGINEER PETER SEVCIK  
Receive Update Report regarding 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: BOARD OF DIRECTORS  
FROM: MICHAEL S. LEBRUN *MSL*  
GENERAL MANAGER  
DATE: FEBRUARY 13, 2013



**JANUARY 23, 2013 REGULAR MEETING  
CLOSED SESSION REPORT**

**ITEM**

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

**BACKGROUND**

The January 23, 2013 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
4. CONFERENCE WITH LEGAL COUNSEL RE: PENDING LITIGATION PURSUANT TO GC SECTION 54956.9; NCSD VS. COUNTY SLO, ET AL. (CASE #CV090010)

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

TO: BOARD OF DIRECTORS  
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GENERAL MANAGER  
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**AGENDA ITEM  
C-2  
FEBRUARY 13, 2013**

**SUPPLEMENTAL WATER ALTERNATIVES EVALUATION COMMITTEE  
PROGRESS UPDATE AND PRELIMINARY REPORT OF FINDINGS**

**ITEM**

The Board's Supplemental Water Alternatives Evaluation Committee will provide an update on Committee progress [NO ACTION REQUESTED].

**BACKGROUND**

On June 27, 2012, your Board approved Bylaws for and the formation of, a citizens' committee, the 'Supplemental Water Alternatives Evaluation Committee' (Evaluation Committee). On August 14, 2012, your Board approved the membership of the Evaluation Committee.

The Evaluation Committee is tasked with conducting an evaluation of alternatives for delivering supplemental water to the Nipomo Mesa Water Conservation Area and making a report to your Board on their findings. The Evaluation Committee has seven (7) voting members, a non-voting Chair, and Vice Chair, as follows:

<b>VOTING MEMBERS</b>	<b>SEAT</b>
Saltoun, Sam	Finance
Garson, Dan	Citizen-at-Large
Graue, Dennis	Engineering
Matsuyama, Kathie	Environmental
Miller, Robert	Engineering
Watson, Dave	Finance
Woodson, Dan	Environmental
<b>NON-VOTING MEMBERS</b>	
Nunley, Michael	Chair
Sevcik, Peter	Vice-Chair

The Evaluation Committee has met on numerous occasions since September 2012. In addition to the hours of public meetings of the full committee, members have put in many hours working individually and in sub-committee groups analyzing water sources.

Committee member Sam Saltoun will be present to update your Board on the process the Committee undertook, preliminary findings, and the schedule for a final report to your Board.

The next Evaluation Committee meeting is scheduled for Friday February 15, 2013, 9 AM in the District's Board Room.

TO: BOARD OF DIRECTORS  
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GENERAL MANAGER  
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**AGENDA ITEM**  
**C-3**  
**FEBRUARY 13, 2013**

**NCSD DISTRICT ENGINEER SUMMARY OF ACTIVITIES**

**ITEM**

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

**BACKGROUND**

District Engineer Peter V. Sevcik will review the attached activities summary.

**RECOMMENDATION**

Staff recommends that your Honorable Board receive the update and ask questions

**ATTACHMENT**

- A. District Engineer Activities Update

FEBRUARY 13, 2013

ITEM C-3

ATTACHMENT A



# 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: FEBRUARY 7, 2013  
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

<b>Construction Contract Cost Summary</b>	
Contract Amount – Cushman	\$10,224,900.00
Change Orders	\$20,854.00
Revised Contract Amount	\$10,245,754.00
<b>Completed to Date</b>	<b>\$2,094,142.97</b>

<b>Project Cost Summary</b>	
Description	Contract Amount
Design – AECOM	\$1,525,120
Construction Management – MNS	\$1,276,560
Construction Management Contingency	\$65,000
<b>Subtotal</b>	<b>\$2,866,680</b>
Revised Construction Contract – Cushman	\$10,245,754
Construction Contingency Remaining	\$479,146
<b>Subtotal</b>	<b>\$10,724,900</b>
EIR and Permitting	\$115,370
<b>Estimated Total Project Cost</b>	<b>\$13,706,950</b>

- **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
  - As-builts pending
  - Completion of training pending
  - Scheduled completion February 2013

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

**PROJECTS IN DESIGN AND PLANNING STAGES**

- **Supplemental Water Project**

- SCOPE OF WORK – 2,600 lineal feet 24-inch diameter HDD bore, 4,800 lineal feet of 18-inch diameter waterline, 2,726 lineal feet of 24-inch waterline, 300 lineal feet levee crossing jack and bore, flow meter and flow control station, 400 gallon per minute pump station with back-up power, controls, and instrumentation systems, a pressure reducing station and chloramination systems at 4 existing District wells
- STATUS
  - Bid Package 1 – Santa Maria River Crossing – Design completed
  - Bid Package 1 – Santa Maria River Crossing – Contractor Pre-qualification completed
  - Bid Package 3 – Blosser Road Waterline – Design completed
  - Bid Package 4 – Pump Station – 100% design submittal pending

- **Water and Sewer Master Plan Implementation**

- Blacklake Well #4 Pump Replacement Project
  - Project bid process completed
  - Construction contract award tentatively scheduled for 2/27/2013
- Standpipe Tank Inlet Modification and Interior Rehabilitation
  - Design in process of being finalized

### OTHER PROJECTS AND PROGRAMS

- **Safety Program**
  - Continued to coordinate on-line safety training for all District Employees
- **Development Oversight**
  - Maria Vista Estates – Sequoia Financial and Rialto Capital
  - Tract 2650 – Via Concha - Greg Nester Construction
  - CO 05-0176 – Primrose – Coker Ellsworth

### MEETINGS

- 1/3 – Southland WWTF Phase 1 Improvement Project construction progress
- 1/7 – Southland WWTF Phase 1 Improvement Project SCADA, AECOM
- 1/7 – Assistant Engineer Candidate Review with GM and Assistant GM
- 1/8 – Blacklake Sewer Master Plan Proposal Review with GM and Utility Superintendent
- 1/10 – Management coordination meeting
- 1/11 – Supplemental Water Project Phase 1 Bid Package 1 Contractor Pre-Qualification
- 1/14 – Supplemental Water Alternatives Evaluation Committee
- 1/14 – General Manager coordination
- 1/15 – NMMA
- 1/18 – Blacklake Well 4 Pump Replacement Project Pre-Bid Meeting
- 1/22 – IT Support Planning Meeting
- 1/22 – Supplemental Water Project Phase 1 – MNS and AECOM
- 1/24 – Southland WWTF Phase 1 Improvement Project construction progress
- 1/24 – SCADA Upgrade Project – Tesco
- 1/24 – Management Coordination
- 1/25 – Supplemental Water Alternatives Evaluation Committee
- 1/29 – Assistant Engineer candidate interviews
- 1/30 – Assistant Engineer candidate interviews
- 1/31 – Blacklake Well 4 Pump Replacement Project bid opening

### ATTACHMENT

- January 2013 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.

## January 2013

# Schedule and Budget Summary

## Schedule Summary

Notice to Proceed	July 30, 2012
Original Contract Days	645
Contract Days Added	0
Revised Contract Days	645
Elapsed Time (Days)	(185)
Remaining Time (Days)	460
Contract Completion Date	May 6, 2014
Time Elapsed to Date	29%
Work Completed to Date	20%
Approved Change Orders (Days)	0 days

## Budget Summary

Original Contract Amount	\$10,224,900.00
Approved Change Orders (Cost)	\$20,854.00
Revised Contract Amount	\$10,245,754.00
Previous Payments	\$1,633,526.69
Current Month Pay Request	\$460,619.28
Total Work Completed	\$2,094,142.97
Work Remaining	\$8,235,464.18

# Progress Summary

## Process 40 & 80 Aeration Emergency Basins

### Summary of Work:

Cushman excavated and installed the 18" SI pipes from both the Aeration Basin and Emergency Basin to the Distribution Box #1. They also poured the influent splash pads inside of each basin using 4000 psi concrete. Cushman excavated and formed the foundations for both effluent weir boxes, CMC Steel installed the rebar and Cushman poured the foundations with 4,000 psi concrete. Next, Cushman sand blasted loose concrete from the foundation pours and CMC installed rebar so Cushman could begin the wall forms and pipe penetrations for the weir boxes.

### Pictures:



Installing 18" SI pipe at Aeration Basin.



Excavating for 18" SI pipe splash pad in Aeration Basin.



Setting forms for splash pad in Aeration Basin.



Installing rebar at splash pad in Aeration Basin.



Pouring influent pipe splash pad in the Aeration Basin.



Pour of splash pad completed in Aeration Basin.



Completed excavation and fine grading of subgrade for effluent weir box at Emergency Basin.



Forms and rebar installed for foundation of effluent weir box at Emergency Basin.



Pouring foundation for effluent weir box for Emergency Basin.



Wall forms, rebar and pipe penetrations installed for weir box at Emergency Basin.

## **Process 45 Electrical/ Blower Building**

### **Summary of Work:**

Cushman surveyed and laid-out the structure footprint of the Electrical/Blower Building. Berg Electric began excavating and installing the electrical duct banks and conduits which run underneath the foundation of the building. Conduits range in size from 1" to 5" and will provide service from a new transformer to the new motor control center.

### **Pictures:**



Excavating electrical duct banks in layout for new Electrical/Blower Building.



Conduit being installed under foundation of Electrical/Blower Building.



## **Process 50 – Secondary Clarifier No. 1 and 2.**

### **Summary of Work:**

CMC Steel completed rebar installation for both the clarifier walls. Cushman installed rented steel wall forms for pouring the clarifier walls in six sections for each clarifier. First they poured three alternating sections of Clarifier #1, then moved the forms to do the same at Clarifier #2. When forms were removed, wet blankets were hung and tied for 7 day curing of each section. Cushman poured a total of six wall sections this month, three in each clarifier. Each pour required approximately 36 yards of 4,000 psi concrete for a total of 216 cubic yards.

### **Pictures:**



Foundations of clarifiers poured and cured, CMC Steel completing installation of rebar for walls.



CMC Steel finishing rebar for clarifier walls.



Cushman assembling wall forms and preparing to lift into place.



Installing and supporting inside wall form at Clarifier #1.



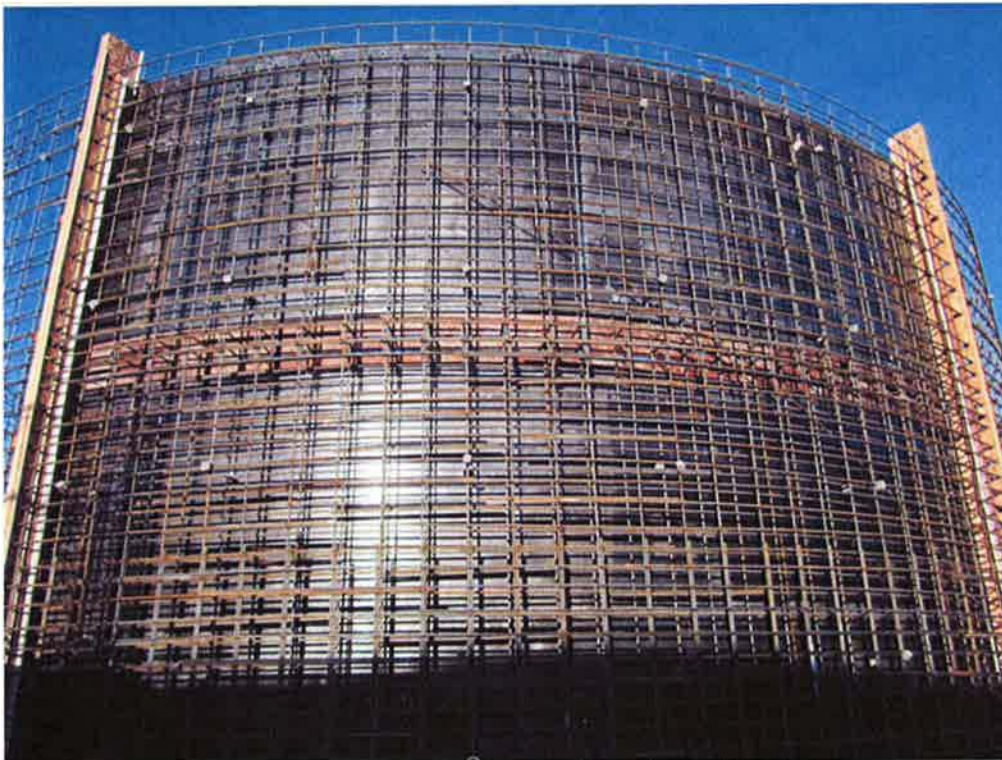
Lowering the second part of the inside form into place at Clarifier #1 for the first wall pour.



Cushman positioning and bracing inside wall forms at Clarifier #1.



Finalizing rebar and clearances with inside form in place at Clarifier #1.



Completed rebar installation for the first wall section without a pipe penetration at Clarifier #1.



Installing spool for a wall section with a pipe penetration.



Tremmies installed to insure proper placement of concrete inside the wall and prevent separation of aggregate.



Swinging outside form into place.



Finalizing adjustments to the forms and installing the walkway at the top at Clarifier #2.



Securing the ends of wall forms at the construction joint at Clarifier #1.



Looking down from top of forms through the rebar to the construction joint at the bottom of a wall.



Pouring concrete in a wall section using the funnels and tremmies.



Vibrating the concrete during a wall pour.





First section of outside wall form removed on Clarifier #1.



Wall forms removed and curing blankets in place and being installed on Clarifier #1.

## **Site Work**

### **Summary of Work:**

Cushman received several deliveries of materials and equipment including; clarifier mechanism, various sizes butterfly and gate valves, slide gates, misc. metals, pre-cast manholes and various piping apparatuses.

### **Pictures:**



Fusion epoxy flexible couplers.



Motors for clarifier mechanisms delivered to site.



Clarifier mechanism delivered to site.



Manholes delivered to site.