

TO: BOARD OF DIRECTORS
FROM: MICHAEL LEBRUN *ML*
INTERIM GENERAL MANAGER
DATE: JANUARY 21, 2011



**PRESENT RESOLUTION RECOGNIZING FORMER DIRECTOR
BILL NELSON'S SERVICE TO NCSD**

ITEM

Present a Resolution Recognizing Former Director Nelson's Service to District.

BACKGROUND

Former Director Bill Nelson served the District and community of Nipomo for a number of years both as a liaison between the Board and Blacklake Community and as a Director. Mr. Nelson's term as Director ended in December 2010.

RECOMMENDATION

Staff recommends that your Honorable Board present the Resolution.

T:\BOARD MATTERS\BOARD MEETINGS\BOARD LETTER\2011\PRESENTATIONS\110126 NELSON RECOGNIZE.DOC

TO: MICHAEL LEBRUN *ML*
INTERIM GENERAL MANAGER

FROM: PETER SEVCIK
DISTRICT ENGINEER

DATE: JANUARY 20, 2011

AGENDA ITEM
C-2
JANUARY 26, 2011

WATERLINE INTERTIE PROJECT UPDATE

ITEM

Mike Nunley of AECOM Engineering to provide Waterline Intertie Project Design Phase 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

- January 2011 Waterline Intertie Project Design Phase Status Report

Memorandum

To Michael LeBrun, Interim General Manager - NCSD
Peter Sevcik, District Engineer – NCSD Page 1

CC Jon Hanlon, Josh Reynolds, Jim Froelicher, Eileen Shields

Subject Waterline Intertie Project – Design Phase Status Report

From Michael K. Nunley, AECOM

Date January 19, 2011

The Project Team has completed the following work items this month:

1. District staff and legal counsel continue work on the front end documents. When complete, AECOM will review the front end documents and revise the technical specifications as needed.
2. AECOM continued work with District staff, Hamner Jewell and Associates, and Wallace Group on easement legal descriptions.
3. AECOM assisted District staff with the Proposition 84 grant application package in December for submittal earlier this month.
4. Work approved under Budget Revision #10 continued, as summarized below:
 - The draft Operations and Maintenance Cost Opinion Technical Memorandum was submitted to District staff for review.
 - Wallace Group completed the survey for additional easement at the Via Concha well site.
 - The radio survey was performed on January 13th. Once the results are received, AECOM will provide design recommendations for the project radio antennas. Project plans will be adjusted accordingly for future submittals.

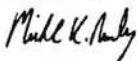
Schedule

The Project Schedule is attached and has been updated to reflect the current project status.

Budget Status

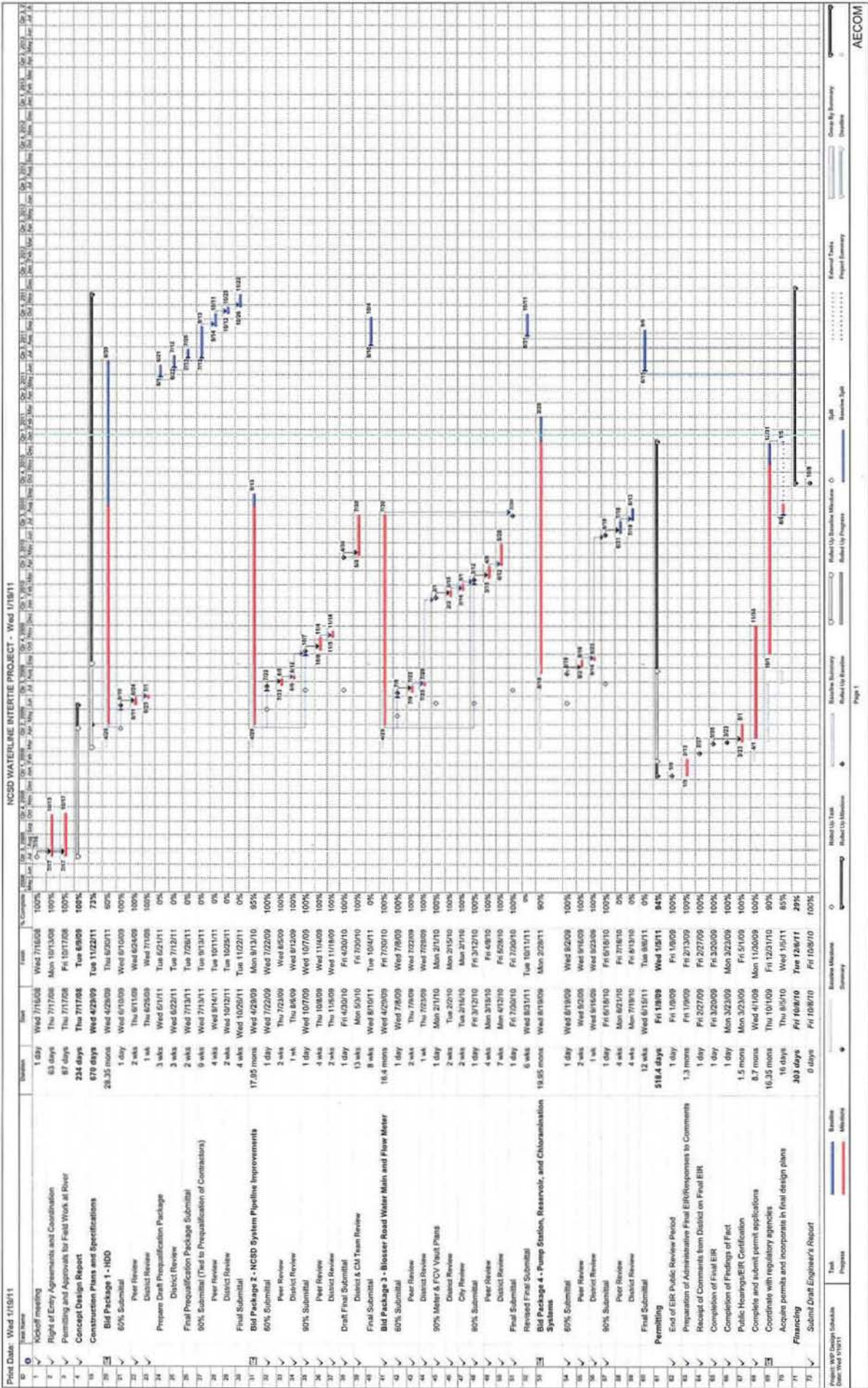
The Project budget summary has been updated to reflect costs identified in the draft Assessment Engineers Report. Invoices have not yet been processed, due to the holidays. The invoice summary will be updated and included in next month's status report.

Yours Sincerely,



Michael K. Nunley, PE

Enclosures: Permits & Status; Project Budget Summary; Project Schedule



**Nipomo Community Services District
Waterline Intertie Project
Permit Status**

updated:

1/19/2011

Permitting Agency	Permit	Status	Issue Date	Expiration Date	Notes
CalTrans	Encroachment	Received	7/1/2010	12/30/2011	BP2 Hwy 101 Xing
CalTrans	Encroachment	Contractor to apply			"Dual Permit"
SLO County	Encroachment				BP2 - NCSD to submit for draft conditions
SLO County	Encroachment	Contractor to apply			
City of Santa Maria	Encroachment	Contractor to apply			BP3
CA Fish & Game	Streambed Alteration Agreement	Awaiting final			Project team provided comments on draft permit.
ACOE	404 & other permits	Received exemption	3/25/2010		
DOSH (OSHA)	Tunnel Classification	Received	3/22/2010; 3/30/2010	NA	2 jack & bore locations in BP3
DOSH (OSHA)	Excavations > 5 ft	Contractor to apply			
DOSH (OSHA)	Certification of safety Reps for tunneling	Contractor to apply			
SLO APCD	Authority to Construct / Permit to Operate	NCSD to apply			apply at start of bid phase
SLO APCD	Naturally Occuring Asbestos	Received exemption	11/2/2009		
RWQCB	Notice of Intent to Discharge	NCSD to file			NPDES/ Stormwater General Permit
RWQCB	SWPPP	Contractor to complete			
CDPH	Water Supply Permit Amendment	NCSD to file (min 4 mo. Prior to WIP startup)			AECOM working with DPHS for preliminary comments on 90% design

Nipomo CSD
 Waterline Intertie Project
 Project Budget

Date Printed: 1/20/2011

Item	Description	Updated Amount Jan-11 90% Design Plans
1	Bid Package #1 - Santa Maria River Crossing	\$4,828,300
2	Bid Package #2 - Nipomo Area Pipeline Improvements	\$4,157,300
3	Bid Package #3 - Blosser Road Waterline and Flow Meter	\$2,207,100
4	Bid Package #4 - Joshua Road Pump Station and Reservoir & Wellhead Chloramination Improvements	\$4,684,200
Construction Subtotal		\$15,876,900
5	Contingency	\$2,381,500 (1)
Construction Subtotal + Contingency		\$18,258,400
6	Property Allowance	\$357,144 (2)
7	Design-Phase Engineering	
	Original Agreement (July 2008)	\$744,993
	Budget Revision 1 - Pressure Reduction	\$132,798
	Budget Revision 2 - Biological Survey for HDD	\$4,050
	Budget Revision 3 - Modeling for GSW/Woodlands Turnouts	\$8,380
	Budget Revision 4 - Additional Survey Services	\$9,900
	Budget Revision 5 - Utility Investigation (Potholing)	\$8,883
	Budget Revision 6 - (Additional Property Research)	\$805
	Budget Revision 7 - PG&E Savings by Design support	\$4,164
	Budget Revision 8 - 60% Design Budget Update	\$140,872
	Budget Revision 9 - 90% Design Budget Update	\$136,712
	Budget Revision 10 - Additional Services Required to Complete Design	\$40,284
	Budget Revision 11 - Proposition 84 Grant Funding Application Assistance	\$11,366
Design-Phase Engineering Subtotal		\$1,243,207
8	Office Engineering during construction	\$175,837
9	Estimated Construction Management	\$2,299,460 (2)
10	Permitting Fees Allowance	\$80,000 (2)
11	Non-Final Design Funds Spent To Date	\$1,705,009 (3)
12	Estimated Other Costs (assessment, NCSD & County time, etc)	\$1,033,592 (2)
13	Public Outreach	\$120,000 (2)
Estimated Project Total (Rounded to 1000)		\$25,273,000

Notes:

- (1) Contingency is estimated at 15%.
- (2) Estimate updated by District staff 01/14/11.
- (3) Estimate updated by District staff 4/21/10.

AECOM

TO: BOARD OF DIRECTORS
FROM: MICHAEL LEBRUN *ml*
INTERIM GENERAL MANAGER
DATE: JANUARY 21, 2011



ALTERNATIVE ENERGY OPPORTUNITIES PRESENTATION

ITEM

Presentation by Mr. Charles Gulyash on Alternative Energy Opportunities.

BACKGROUND

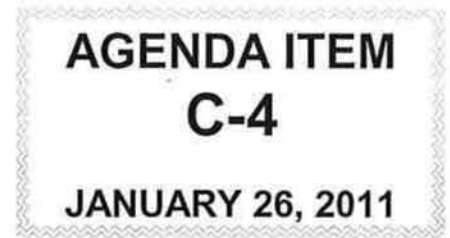
Mr. Gulyash is an independent energy consultant who lives in the Nipomo area. He will provide your Board with information pertaining to alternative energy options for public utilities.

RECOMMENDATION

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

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TO: BOARD OF DIRECTORS
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INTERIM GENERAL MANAGER
DATE: JANUARY 21, 2011



MONTHLY SUPERINTENDENT UPDATE

ITEM

NCSD Utility Superintendent Tina Grietens re Summary of 2010 Operations Activities [NO ACTION REQUESTED].

BACKGROUND

Tina Grietens is scheduled to summarize the attached outline.

RECOMMENDATION

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

ATTACHMENTS

- Operations Report

NIPOMO COMMUNITY

BOARD MEMBERS

JAMES HARRISON, PRESIDENT
LARRY VIERHEILIG, VICE PRESIDENT
ED EBY, DIRECTOR
MIKE WINN, DIRECTOR
DAN GADDIS, DIRECTOR



SERVICES DISTRICT

STAFF

MICHAEL LEBRUN, INTERIM GENERAL MANAGER
LISA BOGNUDA, ASSISTANT GENERAL MANAGER
PETER SEVCIK, DISTRICT ENGINEER
JON SEITZ, GENERAL COUNSEL
TINA GRIETENS, UTILITY SUPERINTENDENT

148 SOUTH WILSON STREET POST OFFICE BOX 326 NIPOMO, CA 93444 - 0326
(805) 929-1133 FAX (805) 929-1932 Website address: NCSD.CA.GOV

TO: MICHAEL LEBRUN, INTERIM GENERAL MANAGER
FROM: TINA GRIETENS, UTILITY SUPERINTENDENT
DATE: JANUARY 20, 2011
SUBJECT: UTILITY DIVISION UPDATE –ANNUAL SUMMARY - 2010

Southland Wastewater Plant and Utility Yard

- Failing grinder cartridges caused compliance problems, rehabilitated cartridges
- Sludge dredged from treatment ponds 3 and 4
- Pond aerator motors rebuilt
- In-house laboratory analyses initiated, staff training ongoing
- Percolation ponds ripped and disced to enhance percolation of effluent
- APCD annual inspection of WWTF; passed
- Emergency Operation Center radio and antenna installed
- Flow meter calibrated
- New vehicle storage building constructed

Blacklake Wastewater Reclamation Facility

- Aerator repairs
- Flow meters calibrated
- APCD annual inspection passed

Sewer Collection system

- Power outages throughout the year—**no** sewage spills!
- Received new Vac Con in February, training in March/April with City of SLO crew
- Hydro-jetting of sewer collection system, including lift station cleaning
- New nozzle purchase in June enhanced sewer line cleaning
- Juniper Lift Station; replaced pumps, and faulty level transmitter
- Misty Glenn Lift Station; added level transmitter and linked to SCADA
- Electrical panel maintenance of all Lift Stations
- Maria Vista Lift Station: Added alarm circuit to Generator

Water Distribution System

- Flushed dead end water lines spring and fall
- Rehabilitated both 500,000 gal tanks on Dana Foothill Road
- Annual cathodic protection maintenance at water tanks, new systems installed at 500,000 gallon tanks
- Cathodic Protection system Rectifier installed at Standpipe
- Added motion activated security measures at Standpipe to minimized vandalism and trespassers
- Emergency repairs on distribution system performed as needed

Wells

- Sundale well rehabilitated, including pump, motor, panel, building, level transmitter, emergency generator, and SCADA enhancements
- Via Concha well rehabilitated, including pump, motor, panel and new building
- NCSD received \$21,228.30 pumping initiative rebate from PG&E for Via Concha Well rehabilitation
- Annual well efficiency testing performed, indicated reduced efficiency at Olympic and Bevington Wells
- Ventilation systems installed in pump buildings at Bevington, Sundale and Via Concha Wells
- Lightning strike in January caused damage to electrical systems at wells near Blacklake area – repaired damage and install proper grounding devices
- Emergency generator transfer switch installed at Eureka Well
- Pressure reducing valve replaced at Eureka Well

Maintenance Program

- Preventive maintenance program developed, implemented, and data spreadsheets prepared
- Water meters, customer service valves, air vacs replaced, fire hydrants painted
- Purchased and implemented new VacCon, Valve Exercising equipment
- Old Case and Ford tractors sold through auction resulting in \$14,174.00 to NCSD
- APCD annual inspection of generators passed
- Confined Space Entry Equipment purchased, training conducted
- Schematic diagrams of wells and lift station electrical panels prepared and at each site
- Folkert Oaks drainage basin cleaned, security fencing and gate repairs
- Fire flow meter reading initiated
- New Service Request Forms initiated

Compliance

- No sewage spills!
- Updated 2010 water and wastewater sampling and analyses schedule
- Assisted with Annual Water Report preparation to California Department of Public Health
- Implemented Groundwater Rule Triggered Source Monitoring Program
- Monitored sampling protocol, laboratory results, prepared compliance reports for WWTPs

- Coordinated and performed CA Dept. of Public Health mandated sampling
- Reviewed Water System and Wastewater Facilities Annual Reports
- Training staff in laboratory analyses

Incidents/Safety Issues

- 2 Non injury, minor vehicle accidents

Personnel

- Staff voluntarily assigned to maintenance positions operating VacCon and Valve Exercising Equipment
- Staff Training: distribution, regulations, sampling, VacCon operation, valve exercising
- New certifications: Sewer Collections Maintenance, Water Distribution Operation
- Safety training: Confined Space, Traffic Safety, Defensive Driving, Electrical, Auto Crane and online
- Utility Worker position filled to cover opening created by new Maintenance Worker assignments
- Advertised and interviewed candidates for Preventive Maintenance Supervisor; in-house promotion of Scott German, effective 1/1/11
- Superintendent completed Utility Management correspondence course through University of Sacramento, compliance courses, online courses
- Superintendent provided weekly updates to General Manager, monthly updates to Board of Directors, coordination and support to District Engineer with District Projects, Budget preparation, Purchasing and Inventory Control, Employee oversight, committee meeting attendance

NEXT PAGE

NOTABLE 2010 NCSD DATA STATISTICS

Water Produced 771 Million Gallons 2366.53 Acre Feet

Wastewater Treated

Southland WWTF	174	Million Gallons	534.42 Acre Feet
Blacklake WWTF	26.6	Million Gallons	81.60 Acre Feet
Total	200.6	Million Gallons	616.02 Acre Feet

Meter Replacements

	<u>Single and Multi Family Residential</u>	<u>Commercial</u>	<u>Irrigation</u>	<u>Combined</u>
	3966	95	91	4152
Replaced	320	16	6	342
% Replaced	8%	17%	7%	8%

Note: The American Water Works Association standard is replacement every 10 years, which translates into replacement of 10% of the meters every year.

Fire hydrants painted: 293 of 660 = 44%

Sewer Collection System Cleaning (GIS Mapped Footage)

	<u>Town Sewer System</u>	<u>Blacklake Sewer System</u>	<u>Combined</u>
Existing	97,609 feet	45,977 feet	143,586 feet
Cleaned	82,525 feet	28,605 feet	111,130 feet
% Cleaned	85%	62%	77%

Maintenance Program Goal **50%**