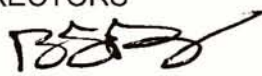


TO: BOARD OF DIRECTORS
FROM: BRUCE BUEL 
DATE: NOVEMBER 21, 2008

AGENDA ITEM
C-1
NOVEMBER 26, 2008

NCSD SUPERINTENDENT REPORT

ITEM

NCSD Superintendent Tina Grietens re Utility Dept. update [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

- Utility Operations Update

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NIPOMO COMMUNITY

BOARD MEMBERS

MICHAEL WINN, PRESIDENT
JAMES HARRISON, VICE PRESIDENT
CLIFFORD TROTTER, DIRECTOR
ED EBY, DIRECTOR
LARRY VIERHEILIG, DIRECTOR



SERVICES DISTRICT


STAFF

BRUCE BUEL, GENERAL MANAGER
LISA BOGNUDA, ASSISTANT GENERAL MANAGER
JON SEITZ, GENERAL COUNSEL

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: BRUCE BUEL, GENERAL MANAGER
FROM: TINA GRIETENS, UTILITY SUPERINTENDENT TG
DATE: NOVEMBER 19, 2008
SUBJECT: UTILITY DIVISION UPDATE

- **Southland Wastewater Plant**
Three percolation ponds ripped last week of October (#s 6,7,8)
Toured Ventura County WWTP in Moorpark 10/28
- **Southland Utility Yard**
General utility yard clean up continues
Remodel of new lab area complete
Chain link fencing installation complete
- **Maintenance**
Maintenance was performed on District vehicles
Two hydraulic hoses replaced on the Case backhoe
Continuing to work with consultant on preventative maintenance plan
- **Collection system**
Cleaned sewer line at Blacklake Golf Course
Cleaned three lift stations; La Mirada, Honey Grove, and Hazel
Review of lift station panel design with District Engineer and Cannon
Continuing work with District Engineer and Cannon to eliminate telemetry problems
- **Wells**
Working with Cannon on Sundale conversion design
Blacklake Wells #3, #4 are off intermittently to control production/consumption inequity
- **Distribution System**
Three water reservoirs were cleaned and inspected the first week of November
Fire hydrants are being painted, air-vac and water sample stations are being rebuilt/replaced
- **Personnel**
Training new personnel on wells, lift stations and customer service duties
Three operators preparing for Distribution examinations in February 2009
Six operators preparing for Collection system examinations in January 2009
- **Compliance**
Monitored laboratory results, preparing compliance reports for WWTPs
Attended Drinking Water Regulatory Update Training Seminar in Oxnard 11/5
- **Other**
Utility crewmember assisted Fugro with Geotechnical investigation in Santa Maria Riverbed
Working with District Engineer on Willow Road Extension Project
Working with District Engineer on SCADA system upgrade

TO: BOARD OF DIRECTORS
FROM: BRUCE BUEL 
DATE: NOV. 21, 2008

AGENDA ITEM
C-2
NOVEMBER 26, 2008

WATER CONSERVATION PROGRAM UPDATE

ITEM

NCSD Water Conservation Coordinator Celeste Whitlow re Water Conservation Program and Semi-Annual Update [NO ACTION REQUESTED].

BACKGROUND

Celeste Whitlow is scheduled to summarize the attached materials.

RECOMMENDATION

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

ATTACHMENTS

- Water Conservation Program Outline
- Semi-Annual Update

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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.com

MEMORANDUM

TO: BRUCE BUEL, GENERAL MANAGER

FROM: CELESTE WHITLOW, WATER CONSERVATION COORDINATOR *cw*

DATE: 11/20/2008

RE: ITEM – C2: WATER CONSERVATION ACTIVITIES UPDATE AND SEMI-ANNUAL REVIEW

- **Update and Comparison of Water Consumption**
 - See attachment *Comparison of Water Delivered, 2006 – 2008*.
 - Overall, comparing years 2006, 2007 and 2008, for the months of January through October, there was a decrease in water use in 2008. This may be due to the markedly increased precipitation in 2008.
 - The percentage of water use per category to total water use for the District remains relatively unchanged, with the SFR category accounting for the lion's share of water consumed, and the Ag category accounting for the amoeba's share of water consumed.
- **Community Events and Educational Workshops**
 - October Festival
 - Creek Day 2008
 - Chipping Event
 - Creekside HOA Meeting
- **Collaboration with SLO County Dept. of Planning and Building on Drafting Amendments to Ordinances (Title 8, Title 19, Title 22) and implementation of the plumbing retrofit program for the Nipomo Mesa Water Conservation Area.**
 - Met with Sr. Planner on multiple occasions.
 - Spoke before the Board of Supervisors twice, WRAC once.
 - Prepared information brochure and flyer "*Plumbing Retrofit at Time of Sale or Transfer of Ownership of Residential, Commercial and Other Structures: A Homeowner's Guide.*"
 - Uploaded information, including forms and map, to NCSD website.
- **Newsletters, Mailings, Advertising**
 - District News (Issues 2, 3, 4)
 - Conservation News (Issues 2, 3, 4)
 - Monthly welcome packets
 - Monthly billing inserts
 - Postcards for high-efficiency clothes washer rebate program
 - Letters to top 10% of water users
 - Weekly water conservation Adobe Press ads

- Water Conservation Program launch
- Vista Verde HOA
- Updated website.

- **WC Program Implementation**
 - High-efficiency clothes washer rebate program: 100 rebates contracted with CUWCC, 38 used to date (7 in August, 31 in September). Consider contracting for more. Proposed new Water Conservation BMP for HEWs set a goal of 1.1% per year of current sFR, or 1.5% of market penetration during the first ten years of signing on the MOU.
 - Design, purchased materials, prepared mailing for launch of Water Conservation Program utilizing the Water: Use It Wisely Material
 - Letters to top 10% of water users
 - Newsletters, mailings, advertising
 - Preparation of water audit program, RFPs for water auditors.
 - Research on weather-based irrigation controllers
 - Scheduled meeting, sent letters/invitations, and met with Vista Verde HOA regarding options for decreasing water use. Reviewed information on weather-based irrigation controllers. Obtained quote from Enviroscaping (see attachment *Proposal for ET Installation @ Verde Vista*)

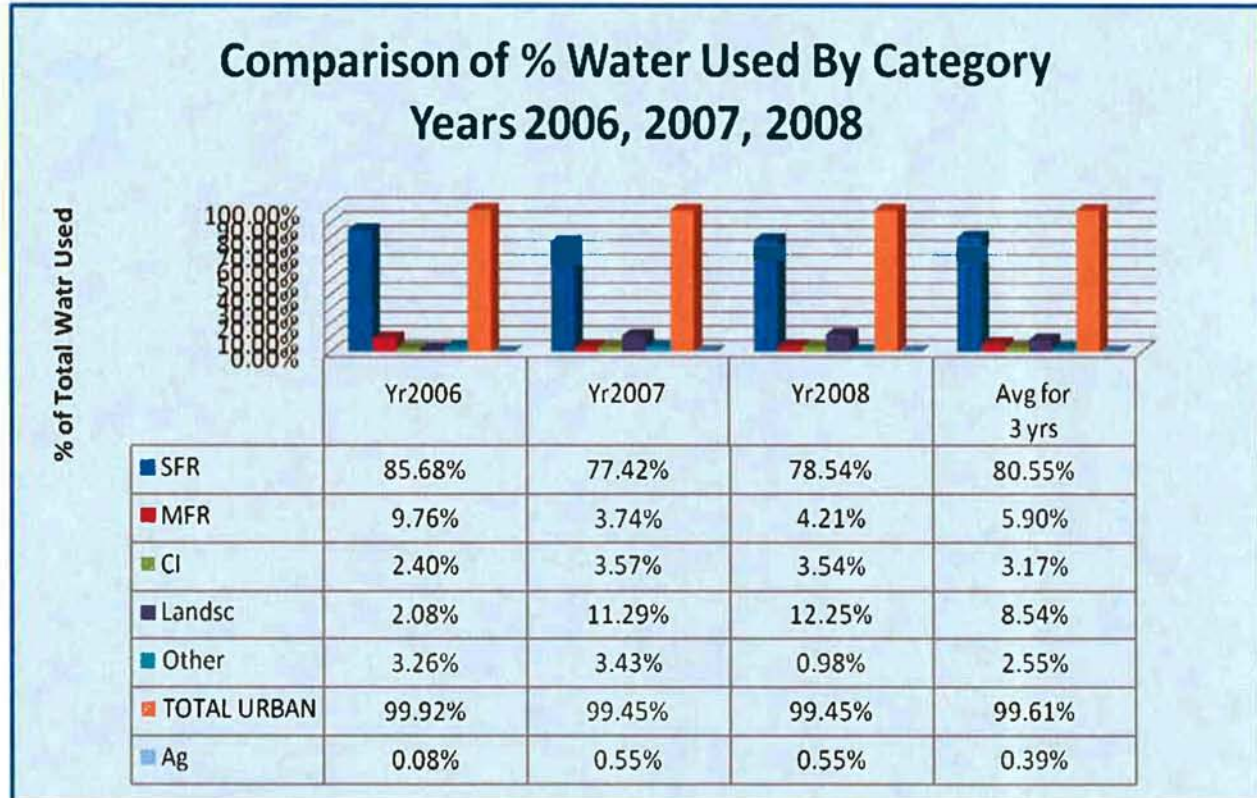
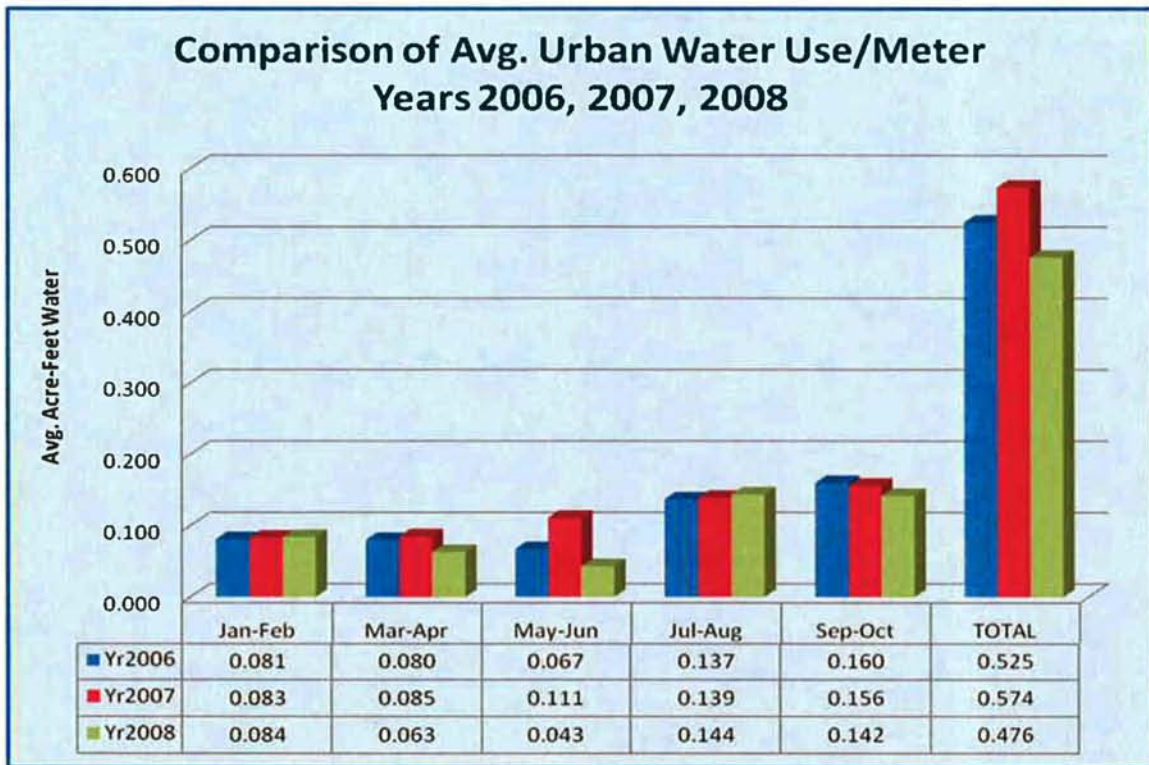
- **District Landscape**
 - Researched, purchased and arranged for installation of tree grates around *Arbutus* 'Marina' trees in front of the building.
 - Arranged for modifications of irrigation system (installation of check valves, extension of irrigation system under sidewalk to trees).
 - Arranged for shaping of tree canopies, straightening of trees, and re-staking *Arbutus* 'Marina' trees.

- **Workshops, Updates on Programs**
 - 20 x 2020 Program.
 - CUWCC (revisions on BMPs).
 - SLO County Partners in Water Quality
 - SLO County Partners in Water Conservation

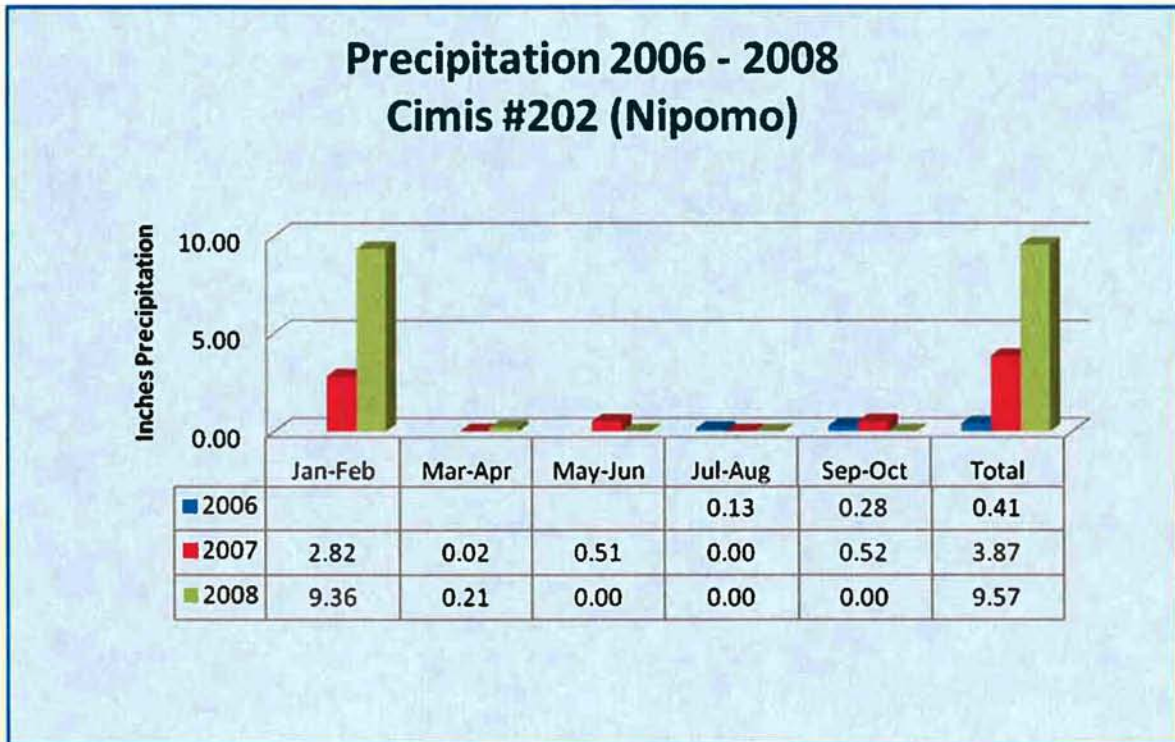
ATTACHMENT

- *Comparison of Water Delivered, 2006 – 2008.*
- *Proposal for ET Installation @ Verde Vista*

**COMPARISON OF WATER DELIVERED
2006 - 2008**



Note: Urban Category = all categories except for Ag



Note: CIMIS Station was brought on-line in July 2006.

enviroscaping, inc.

485 VENADO DRIVE, SANTA BARBARA, CA 93111
(805) 683-6196 · FAX (805) 692-1877
EMAIL enviroscapinginc@cox.net
www.enviroscapinginc.net

October 17, 2008

Vista Verde HOA

PROPOSAL FOR ET INSTALLATION @ VISTA VERDE HOA

- 1) ET Plus - 24 Station Irrigation Controller \$630.00
- Site survey, installation, programming, activation and landscaper education \$265.00
- Follow up and adjustments after 1 month \$175.00

Total \$1,070.00

*Cost includes travel time.

*First month of satellite service is free with purchase of controller, after that there will be a satellite service fee of \$8.00 per month.

*External antennae may be required depending on signal strength at clock location (cost \$45.00 plus tax)


Thank your for the opportunity to provide you with your irrigation controller needs. I look forward to doing business with you. Please call me at 805-683-6196 if you have any questions or need any further information.

**AN AGREEMENT BETWEEN Vista Verde HOA AND enviroscaping, inc. IS
HEREBY ACCEPTED:**

Proposal presented by: _____ Date: _____

Proposal Accepted by: _____ Date: _____

Please return a signed copy to the enviroscaping, inc. office

TO: BOARD OF DIRECTORS
FROM: BRUCE BUEL 
DATE: NOVEMBER 21, 2008

AGENDA ITEM
C-3
NOVEMBER 26, 2008

WIP UPDATE

ITEM

Update on Waterline Intertie Project Final Design by Mike Nunley of Boyle Engineering [NO ACTION REQUESTED].

BACKGROUND

Attached is a monthly report from Boyle.

RECOMMENDATION

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

ATTACHMENTS

- Monthly Report

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AECOM
1194 Pacific Street, Suite 100
San Luis Obispo CA 93401
T 805.542.9840 F 805.542.9990 www.aecom.com

Memorandum

Date: November 19, 2008
To: Bruce Buel, General Manager – Nipomo Community Services District
From: Michael K. Nunley, PE
Subject: Waterline Intertie Project – Design Phase Status Report

Distribution: Peter Sevcik, PE

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

1. Most of the survey field work and all of the aerial mapping has been completed. Preliminary mapping has been completed for the well sites, Blosser Road, the Santa Maria River crossing, and the proposed pipeline alignment on the mesa between the bluff and Joshua Rd.
2. Geotechnical field work has been completed. Concrete pavement was discovered along Oakglen Avenue and Darby Lane and Fugro is preparing a budget revision request to collect core samples in order to determine the thickness of the pavement. This is recommended since it will allow the contractors to provide more accurate bids for sawcutting and removal. It is our understanding other concrete pavement may be present along Frontage Road and we are working with County staff to identify these locations.
3. Property negotiation for the pipeline easements, tank site, and pump station site between the bluff and Joshua Rd is underway. Boyle has provided preliminary site plans to the District for this work.
4. The Streambed Alteration Agreement from California Department of Fish & Game for our in-river soil borings required that a qualified biologist provide training and monitoring during the geotechnical drilling work. This line item has been added to the Project Budget as Budget Revision #2.
5. Boyle has begun working on a hydraulic analysis to address potential supplemental water turnouts for Golden State Water Company and the Woodlands community. This line item has been added to the Project Budget as Budget Revision #3.

Schedule

The Project Schedule has been updated to reflect the additional mapping, geotechnical investigation, and design services required for the Oakglen Avenue, Darby Lane, and Orchard Road waterlines authorized in Budget Revision #1.

Budget Status

As shown on the attached Design Budget and Invoice Summary, our fee earned matches the amount expended. This indicates we are on budget as of this date.

Yours Sincerely



Michael K. Nunley, PE

Enclosures: Design Budget and Invoice Summary
Project Budget Summary
Project Schedule

Item	Description	Budgeted Amount May 2008 PER	Updated Amount 19-Nov-08
1	Mobilization	\$580,000	\$580,000
2	Blosser Extension (18-in)	\$1,247,000	\$1,247,000
3	Pump Station No. 1 turnout & meter (Blosser Rd)	\$61,000	\$61,000
4	River Crossing (24-in HDD)	\$6,135,000	\$6,135,000
5	24-in Pipeline to Joshua	\$656,000	\$656,000
6	Reservoir (0.5-MG)	\$1,361,000	\$1,361,000
7	Pump Station No. 2	\$603,000	\$603,000
8	Pressure Regulators (200 homes)	\$30,000	--
9	Pressure Reducing Valve Stations	\$18,000	\$72,000
10	Chloramination (Joshua & 5 wellheads)	\$707,000	\$707,000
11	Upgrade Southland to 12-in	\$799,500 (1)	\$780,000 (7)
12	Upgrade Frontage to 12-in	\$1,101,300 (1)	\$880,000 (7)
13	Upgrade Orchard to 12-in	\$509,000	\$1,040,000 (8)
14	Upgrade Division to 10-in between Allegre and Meridian (6)	\$53,000	--
15	Oakglen Avenue 12-in main (5)	--	\$420,000
16	Darby Lane 12-in main (5)	--	\$100,000
17	HWY 101 Bore & Jack (5)	--	\$132,000
18	Isolation Valves (5)	--	\$12,000
	Construction Subtotal	\$13,860,800	\$14,786,000
19	Contingency	\$3,643,000	\$3,696,500 (9)
20	Property Acquisition	-- (4)	--
21	Design-Phase Engineering		\$890,221 (5,10)
22	Office Engineering during construction		\$175,837
23	Construction Management (3)	\$2,428,000 (2)	\$1,507,170
24	Environmental Mitigation	-- (4)	--
25	Environmental Monitoring	-- (4)	--
	PROJECT TOTAL (Rounded to 1000)	\$19,932,000 (4)	\$21,056,000

Notes:

- ENR CCI: March 2008 = 8109
- (1) Costs are from the December 2007 Water and Sewer Master Plan (Cannon).
 - (2) Engineering and Construction Management were originally presented as a "lump sum" amount
 - (3) Includes material testing and construction staking
 - (4) Excludes property acquisition, environmental mitigation, and monitoring
 - (5) These work items were added to relieve high pressures on Mesa as an alternative to service pressure regulating valves (See Tech Memo 9). One PRV station at Maria Vista was required initially. Four are recommended for revised project. This was design Budget Revision #1.
 - (6) Based on review of record drawings, this pipeline is already a 10-in main
 - (7) Initial estimate incorporated Master Plan project costs. Revised estimate includes higher unit costs to reflect paving 1 traffic lane, per County standards
 - (8) Updated unit costs include higher costs to reflect paving 1 traffic lane, per County standards
 - (9) Contingency was modified to 25% which is more appropriate for concept design phase.
 - (10) Includes Budget Revisions #2 and #3 (Biological monitoring for geotechnical work and hydraulic analysis for Golden State & Woodlands turnouts)

Project Budget Summary

Engineering Services for NCSD - SWP Design

Nipomo CSD

	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	% of Work Complete
Task Group 1 - Concept Design Report	\$416,461.00	\$57,745.08	\$25,497.33	20%	20%
Task Group 2 - Permitting	\$30,607.00	\$7,851.82	\$205.20	26%	26%
Task Group 3 - Construction Documents	\$350,691.00	\$3,942.00	\$6,193.80	3%	3%
Task Group 4 - Project Management	\$43,520.00	\$13,109.05	\$2,764.80	36%	36%
Task Group 5 - Assistance During Bids	\$48,942.00	\$0.00	\$0.00	0%	0%
Task Group 6 - Office Engineering During Construction (5 Bid Packages)	\$175,837.00	\$0.00	\$0.00	0%	0%
Total	\$1,066,058.00	\$82,647.95	\$34,661.13	11%	11%

NCSO WATERLINE INTERTIE PROJECT - Wtd 11/19/08

