TO:

**BOARD OF DIRECTORS** 

FROM:

BRUCE BUEL BAS

DATE:

NOV. 7, 2008



#### MANAGER'S REPORT

#### ITEM

Standing report to your Honorable Board --Period covered by this report October 15, 2008 through November 5, 2008.

#### **DISTRICT BUSINESS**

#### Administrative

Maria Vista Estates has set a total of ten water meters.

Fugro West has completed their Geophysical exploration for the Waterline Intertie Project and expects to release preliminary results by the end of November.

AECOM (Boyle) Engineering has submitted the attached memo documenting the consequences of a PRV failure in the proposed Southland Pressure Zone.

SAIC has submitted the attached memo in response to the Board's request for information regarding water quality trends at the Eureka Well.

The County Board of Supervisors have adopted the Water Conservation retrofit requirements and development standards. Staff is working with County Staff to propose an implementation agreement between NCSD and the County.

The County Board of Supervisors on 11/4/08 set a hearing for adoption of the proposed amendments the County Code regarding On-Site Waste Disposal Systems for their November 25, 2008 Meeting.

Staff has scheduled an informational briefing on the proposed Southland Wastewater Treatment Facility Upgrade Project at 6pm on Thursday 11/13/08 at the NCSD Office.

Staff has retained Willdan Homeland Security to train the crew in SEMS/NIMS response. Two days of training will occur on February 9 and 10, 2009 at the Southland Shop Office.

Staff has retained Brent Ives of BHI Management Consulting to develop NCSD's first Strategic Plan per Board direction. Mr. Ives has confirmed the February 27, 2009 Workshop date.

Attached is a listing of upcoming meetings and events per the request of Director Vierheilig.

#### Safety Program

No injuries or accidents occurred in this period.

#### **Project Activity**

Staff will provide a verbal projects update to the Board at the Board Meeting.

#### **Conservation Program Activities**

Staff has initiated implementation of the Water Conservation Program. Several NCSD customers have used the high efficiency clothes washer rebate program.

#### RECOMMENDATION

Staff seeks direction and input from your Honorable Board.

#### **ATTACHMENTS**

- SAIC Technical Memorandum
- AECOM Technical Memorandum
- Listing of Upcoming Meetings and Events

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#### SCIENCE APPLICATIONS INTERNATIONAL CORPORATION WATER RESOURCES ENGINEERING - CARPINTERIA

#### TECHNICAL MEMORANDUM

TO:

Bruce Buel, General Manager Nipomo Community Services District

FROM:

Joel Degner

RE:

Eureka Well Historical Water Quality Sampling Summary

DATE:

October 16, 2008

#### INTRODUCTION

Groundwater is regularly sampled at the Nipomo Community Services District Eureka production well for water quality analysis. Lab analyses for general minerals are available from 1979 to 2008. Presented herein is an analysis of the water quality trends compared to the estimated groundwater in storage and the rainfall.

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#### RESULTS

The concentrations of sodium, chloride, and total dissolved solids (TDS) in the groundwater sampled from the Eureka well have been stable from 1979 to 2008. There is no water quality trend at the Eureka well compared to the rainfall and the groundwater in storage (See Figures 1 and 2 and Table 1).

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There are six historical samples that are outliers in the overall data set, that all contain similar water quality characteristics for chloride, sodium, and total dissolved solid concentrations (shaded rows in Table 1). The Eureka well hydrograph, driller's report, and daily rainfall data were reviewed. It is unlikely that rising or falling water levels or rainfall dilution are the cause of the sample outliers. The cause for the sample outliers is unknown.

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#### METHODOLOGY

Lab results of water quality samples were provided by NCSD from 1979 to 2008. Chloride, sodium, boron, and total dissolved solids concentrations and electrical conductivity were tabulated into a spreadsheet from the lab results. From 1979 to 2008, concentrations of boron are measured sporadically and have not been detected significantly above the detection limits. Therefore the trend for boron concentrations was not analyzed. Electrical conductivity measurements are also sporadically available. Electrical conductivity can be used to estimate TDS, but since TDS concentrations are available consistently from 1979 to 2008, the trend in electrical conductivity was not analyzed.

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To: Bruce Buel

Re: Eureka Well Historical Water Sampling Summary

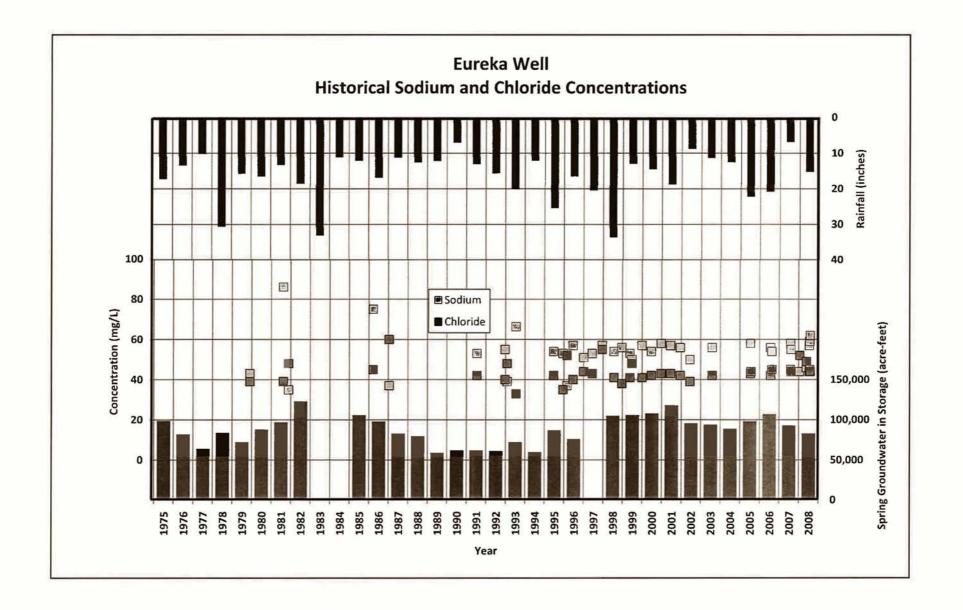
Date: October 16, 2008

Page: 2 of 2

The concentrations of sodium, chloride, and TDS were plotted compared to the historical rainfall from the CDF Nipomo rain gage and estimated spring groundwater in storage above mean sea level (see Figures 1 and 2).

Six outlying water samples with similar water quality characteristics were noted in the record. For the outlying samples the TDS is approximately half the average, and the chloride concentrations are greater than the sodium concentrations which is the reverse of the average results. The historical groundwater surface elevation hydrograph and well driller's reports for the Eureka well were reviewed. The Eureka well is perforated from 220 feet to 575 feet below the surface. The maximum historical depth to water measurement is 211 feet below the surface. Therefore water levels historically have always been above the well perforations. The sample outliers are unlikely the result of dropping or rising water levels in the Eureka well. Furthermore, the daily rainfall records of the CDF Nipomo 151.5 gage, record that no rainfall occurred on the sampling days, where rainfall data was available. The cause for the sample outliers is unknown.

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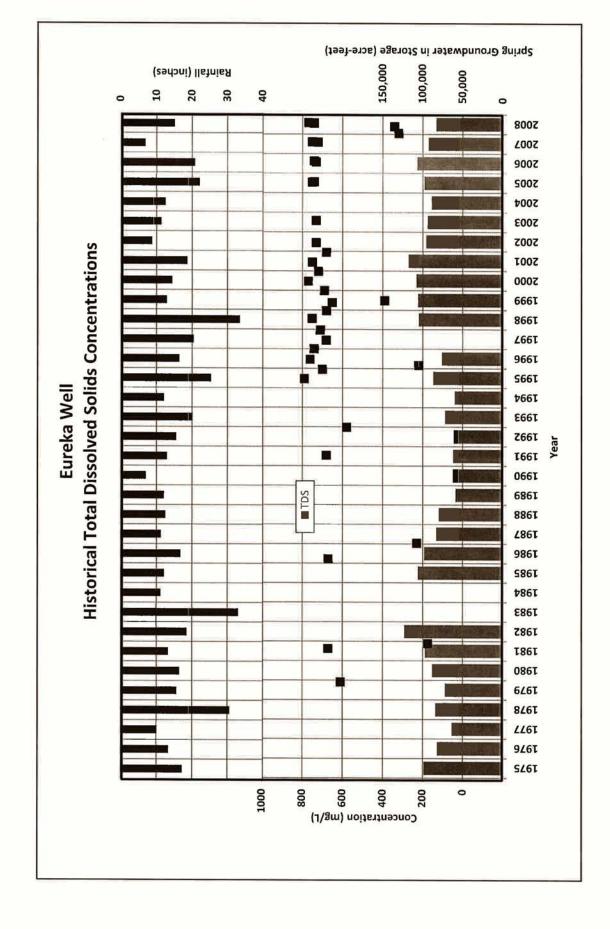


FIGURE 2

Table 1: Eureka Well Water Quality Sampling

Date	Chloride	Sodium	TDS	
	mg/L	mg/L	mg/L	
11/30/1979	39	43	610	
8/14/1981	39	86	670	
11/20/1981	48	35	175	
3/20/1986	45	75	670	
1/14/1987	60	37	230	
7/16/1991	42	53	680	
12/23/1992	40	55	580	
1/28/1993	48	39		
7/14/1993	32.9	66.4		
6/21/1995	42	54	790	
12/13/1995	35	53	700	
2/28/1996	52	37	220	
6/19/1996	40	57	760	
1/2/1997	44	51	740	
6/11/1997	43	53	680	
12/17/1997	55	57	710	
7/22/1998	41	54	750	
12/16/1998	38	56	680	
5/19/1999	41	53	650	
6/23/1999	48	50	390	
12/29/1999	41	57	690	
6/21/2000	42	54	770	
12/20/2000	43	58	720	
6/13/2001	43	57	750	
12/12/2001	42	56	680	
6/12/2002	39	50	730	
7/30/2003	42	56	730	
7/14/2005	43	58	750	
7/22/2005	44		740	
7/26/2006	42	56	730	
8/16/2006	45	54	740	
8/1/2007	45	58	720	
8/8/2007	44	55	750	
1/16/2008	52	44	320	
5/22/2008	49	46	340	
7/16/2008	44	57	740	
7/23/2008	45	59	740	
7/30/2008	44	62	770	
Average	44	54	642	

Note: Shaded rows are outlying samples

Created: 10/14/2008

#### **AECOM**

1194 Pacific Street, Suite 204, San Luis Obispo CA 93401 T 805.542.9840 F 805.542.9990 www.aecom.com

#### Memorandum

Date:

November 4, 2008

To:

Bruce Buel, NCSD General Manager

From:

Mike Nunley, Managing Engineer

Eileen Shields, Assistant Engineer

Subject:

Pressure Reducing Valves

At the request of the NCSD Board Members, AECOM has prepared this memorandum to describe pressure reducing valve (PRV) stations and address the Board's concerns regarding PRV failure.

PRVs are designed to reduce high inlet pressure to a steady lower downstream pressure regardless of changing flow rate and/or varying inlet pressure.

#### Description of Waterline Intertie Project PRV stations

The Waterline Intertie Project (WIP) design involves five PRV stations. One is located near Joshua St. and Orchard Rd. to reduce pressures at the Maria Vista development, and four are located throughout the southeastern portion of the NCSD water system, creating a separate pressure zone as described in Option 5b of Technical Memorandum No. 9.

The PRV stations for the WIP will include two parallel, hydraulically-controlled PRVs. A smaller valve (2-3 inches) will be set at approximately 80 psi to regulate pressures under normal operating conditions. A larger valve (6-8 inches) will be set at approximately 75 psi which would allow flow during high demand situations.

It is possible for the PRV stations to include a solenoid control option with monitors and control by the SCADA system. Both valves would incorporate a solenoid that energizes to close, so that in the case of a power failure the valve would be open and allow delivery of water. This feature would permit the District operators to remotely monitor and control the valves, allowing the ability to override the operation of the PRV and close the main valve. The solenoid should be designed to close when energized so that a power failure will not interrupt the supply of water. In the event of a power failure the PRV would continue to function, (the pressure reducing function does not require power; it is hydraulically controlled) but the District would lose the ability to monitor and remotely close the valve.

#### Types of Failures

Pressure reducing valves, like all mechanical systems, have some risk of failure. Through careful selection of equipment and proper routine maintenance, the chance of failure can be reduced to an acceptable level. PRVs from reputable manufacturers are generally prone to failure in a few areas, primarily the exterior pilot tubing and interior rubber parts. The pilot tubing connect the body inlet and outlet with the pressure reducing pilot and connect this pilot with the valve cover chamber to provide conduits for pressure. Should the tubing break or become disconnected, the PRV would fail. Mode of failure would depend on the design; the valve would either fail to open or fail to close.

**AECOM Water** 

An open valve would create higher pressures downstream of the PRV station. If the valve were closed, water delivery would be significantly reduced downstream and system pressures may become disrupted. Routine maintenance of the pilot tubing can significantly reduce the likelihood of this failure.

PRVs can also fail due to the rubber diaphragm or rubber pilot disc breaking. This would allow water to flow through the valve, effectively diminishing the pressure control and resulting in increased pressures downstream. (This is usually a gradual failure and can be detected by routine monitoring of system pressures and valve settings).

In any of these cases, connection to the District's SCADA system will allow operators to monitor the PRV stations. Alarms can be set to notify the operators in the case that the valve has failed. If system pressures are excessive due to a PRV failure, the WIP pump station (also connected to the SCADA system) can be shut down as needed.

#### PRVs Life & Maintenance

PRVs typically last for 10 to 30 years with regular maintenance, depending on variables such as the flow rate, pressure difference across the valve, and water quality. Recommended maintenance includes quarterly to annual inspection of the valve components, and replacement the diaphragm, pilot disc, and pilot tubing every one to two years.

AECOM would be happy to facilitate contact between the District operators and other water operators in the area that have systems with separate pressure zones and PRVs. If you would like to pursue this option or have additional questions, feel free to contact me.

Through proper selection and routine maintenance, the use of PRV stations should not pose a significant risk to the District's customers. System reliability will be further assessed during design.

#### LISTING OF UPCOMING MEETINGS AND EVENTS

11/13/08 @ 6:30pm @ NCSD - Staff Presentation re WWTF Options

11/17/08 @ 7pm @ Health Dept Mtg Room - Co Health Commission re Biosolids Stds

11/21/08 @ 11:30am @ The Wallace Group - CSDA SLO Chapter Meeting

11/24/08 @ 1pm @ NCSD - SWP Committee Meeting

11/25/08 @ ?? @ BoS Chambers - BoS Hearing re OWTS Regulations

11/26/08 @ 9am @ NCSD - NCSD Board Meeting

11/27 & 28 - NCSD Office Closed for Thanksgiving

12/1/08 @ 2:30pm @ NCSD - Southland WWTF Upgrade Project Committee Meeting

12/2/08 @ 6pm @ ?? AG – Grey Water Standards Forum

12/3/08 @ 1:30pm @ SLO Library - WRAC

12/10/08 @ 9am @ NCSD - NCSD Board Meeting

12/5/08 @ Noon @ Shop - Holiday Lunch/Party

2/9& 10/09 – Staff Training re NIMS/SEMS 2/27/09 @ 9am @ Southland – Strategic Plan Retreat

Board of Supervisors – Most Tuesdays
WRAC – 1<sup>st</sup> Wed
SLO County Planning Commission – 2<sup>nd</sup> Thursday
LAFCO – 3<sup>rd</sup> Thursday
SCAC – 4<sup>th</sup> Monday
Chamber – Last Wed Lunch + Quarterly Tues Breakfast
SLO County Planning Commission – 4<sup>th</sup> Thursday

TO:

**BOARD OF DIRECTORS** 

FROM:

BRUCE BUEL BY

DATE:

NOVEMBER 7, 2008

AGENDA ITEM

NOVEMBER 12, 2008

#### COMMITTEE REPORTS

#### ITEM

Review Committee Matters.

#### **BACKGROUND**

The Water Conservation Committee met again at 1pm on Friday October 17, 2008. Attached are minutes. Members Winn and/or Vierheilig may wish to comment or respond to questions.

The Ad Hoc Blacklake Water Committee met again at 2pm on Wednesday October 19, 2008. Attached are minutes. Members Winn and/or Harrison may wish to comment or respond to questions.

The Southland WWTF Upgrade Project Committee met at 2pm on Monday November 3, 2008. Attached are minutes. Members Winn and/or Harrison may wish to comment or respond to questions.

The Southland WWTF Upgrade Project Committee Finance is scheduled to meet again at 2pm on Monday December 1, 2008.

Staff is scheduled to hold an informational briefing regarding the Southland WWTF Upgrade Project a 6pm on Thursday 11/13/08 at the NCSD Office.

#### RECOMMENDATION

It is recommended that your Honorable Board discuss the meetings as appropriate.

#### **ATTACHMENT**

- WATER CONSERVATION COMMITTEE MEETING MINUTES
- AD HOC BLACKLAKE COMMITTEE MEETING MINUTES
- SOUTHLAND WWTF UPGRADE PROJECT COMMITTEE MEETING MINUTES

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# MINUTES OF THE 10/17/08 SPECIAL MEETING OF THE WATER CONSERVATION COMMITTEE

#### CALL TO ORDER, ROLL CALL AND FLAG SALUTE

Chairman Winn called the Special Meeting to order at 1pm in the NCSD Conference Room. Both Chairman Winn and Director Vierheilig were in attendance along with staff members Bruce Buel and Celeste Whitlow. One member of the public was present.

# 2. DISCUSS TRANSFERABLE WATER CREDITS AND WATER CONSERVATION IMPLICATIONS

Chairman Winn summarized the status of the TDC Blue Ribbon Committee and indicated that there was no draft report available from the Committee at this time. Discussion followed on the process and the concept. (TDC use has been proposed for the Oakglen Specific Plan).

The Committee then discussed the concept of transferring water savings from institutional landscape retrofit and agreed that NCSD should be involved in any such proposal. Discussion arose re the three kinds of water conservation involved: the savings due to repairing leaks (which should not be a credited for new growth); savings due to redesign of irrigation systems and of the landscape design (for which credit might be transferable), and savings due to reduction of irrigation (possibly harmful to vegetation but not transferable).

There was no public comment.

## 3. DISCUSS PROPOSAL FOR DISTRICT ORDINANCE ALLOWING DISTRICT TO REVIEW LANDSCAPE PLANS FOR APPROPRIATE PLANT MATERIAL

General Manager Buel distributed red-lined versions of the allocation ordinance providing for District review and approval of landscape and irrigation systems as part of the development review process. The Committee discussed the edits and agreed that the revisions did achieve the goal of guiding new development towards water efficient landscape planning. Member Vierheilig suggested that NCSD also develop an independent plan list for distribution to I-T-S Applicants. Member Vierheilig moved to recommend that the Board adopt the revisions set forth in the draft ordinance. Chairman Winn seconded the motion, which passed unanimously.

There was no public comment.

#### 4. DISCUSS THREE TIERED RATE STRUCTURES

Chairman Winn initiated the discussion by comparing different approaches to setting up a three tiered rate structure. Philosophically, the question is whether to make the top tier a very high tier, with a very high rate designed to motivate a ratepayer to significantly reduce use, or whether to make the top tier not so much higher that the middle tier, with a modest increase in rate. The Committee then discussed these

#### MINUTES OF THE 10/17/08 MEETING OF THE

# WATER CONSERVATION COMMITTEE Page 2

options and the process to compare them. General Manager Bruce Buel suggested that the Board allow the rate consultant who prepares the next rate increase financial plan to evaluate several alternative rate structures so that the full Board could review the results. The Committee then talked about high bills resulting from major leaks and options to help customers who repair these leaks. The Committee requested that staff report back with concepts for subsequent discussion.

General Manager Buel observed that the item anticipated on the Board of Supervisors agenda for October 21, 2008, regarding support for Golden State Water Company's Multi-Tiered Rate Structure is not listed. Chairman Winn asked Bruce Buel to check with Supervisor Achadjian's office and with James Caruso to find out what happened and if the item had been delayed.

There was no public comment.

#### 5. DISCUSS GROWTH MANAGEMENT ORDINANCE

Chairman Winn reviewed the slow-down in the construction industry and the resulting decrease in permit revenues to SLO County Planning Department. Chairman Winn suggested that the District be vigilant regarding attempts to loosen the growth management ordinance. The Committee agreed, by consensus, to be vigilant in regards to avoiding any new exemptions.

There was no public comment.

#### 6. DISCUSS CONSERVATION ELEMENT UPDATE

Chairman Winn reviewed the County's timeline and process for updating the Conservation Element and also commented on the need for the County to initiate quantification of in-stream beneficial uses. The Committee agreed, by consensus, to recommend that the Board review the draft update once the WRAC had an opportunity to comment.

There was no public comment.

#### 7. DISCUSS STRATEGIC PLANNING

Chairman Winn summarized the October 14, 2008 Strategic Plan Collaborative Workshop and offered suggestions for making future workshops more productive. Committee discussion followed with a consensus that the facilitator needed to provide a better focus on the real issues and to capture the overarching assumptions revealed through the community presentations.

There was no public comment.

#### 8. DISCUSS INCLUSIONARY ZONING

Chairman Winn indicated that most of the efforts from earlier this year were on hold but expressed his desire to monitor any reactivation and to react as appropriate.

There was no public comment.

#### DISCUSS COUNTY RURAL PLAN

Chairman Winn summarized the County's current proposal and process and commented on the apparent inconsistencies between this proposal and current state law. The Committee agreed, by consensus, to monitor the development of this plan and to react as appropriate.

There was no public comment.

#### MINUTES OF THE 10/17/08 MEETING OF THE

# WATER CONSERVATION COMMITTEE Page 3

### 10. ADJOURNMENT

Chairman Winn adjourned the meeting at 2:31 pm.

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#### MINUTES OF THE 10/29/08 MEETING OF THE

#### AD HOC BLACKLAKE WATER RATE ADJUSTMENT COMMITTEE

#### CALL TO ORDER, ROLL CALL AND FLAG SALUTE

Chairman Winn called the Special Meeting to order at 2:00 p.m. in the NCSD Board Chambers. Both Chairman Winn and Director Harrison were in attendance along with NCSD General Manager Bruce Buel. There were also thirteen members of the public present, including Nancy Fleming, Curt Curtis, Bill Larsen and Bill Nelson as representatives of the Blacklake Village Master Association Board of Directors.

#### 2. DISCUSS BLACKLAKE WATER SURCHARGE OPTIONS

Chairman Winn thanked the Blacklake representatives for participating. General Manager Buel summarized the referral from the Board to the Committee, distributed copies of the staff note from the October 8<sup>th</sup> Board discussion along with a spreadsheet entitled "Blacklake Water System Improvements" and explained the spreadsheet calculations.

Bill Nelson, Hugh Robinson and Bill Petrick offered comments on Fund 700 and the process to merge the two systems.

Committee discussion followed on the history of the surcharge, the current plumbing. the proposed plumbing, funding of the Sundale Well and expenditure of Blacklake funds on the 8" intertie. Chairman Winn focused the discussion on the next surcharge proposal and indicated that he could support the concept set forth in the spread sheet. Curt Curtis also supported the spreadsheet but indicated that the conclusions were similar to the recommendations developed by the Finance and Audit Committee in August. Mike Winn and Bill Nelson observed that since then, the Reed Tip-Point Report had answered the questions regarding subsidies. Mike Winn and Curt Curtis disagreed over NCSD's authority to make Blacklake remain a stand-alone system, but agreed that it was better not to end up at that position. Jim Harrison indicated that he had no problem supporting the concept set forth on the spreadsheet and given the results of the Reed report can now state that such a surcharge would be something he could justify to the Town Division. Curt Curtis asked for the numbers to be rounded down for simplicity, but Mike Winn indicated that he could not support a number that was not arrived at through a logical calculation. Jim Harrison indicated that he could support the spreadsheet, and asked if the Blacklake representatives agreed to support it too. Nancy Fleming, Curt Curtis, Bill Larsen and Bill Nelson all agreed to support the surcharge set forth on the spreadsheet.

Ron Willis, Dick Herman, and Bill Petrick commented on the process and the advantages and disadvantages to merging the two systems.

The meeting was adjourned at 3:15 p.m.

## **Blacklake Water System Improvements**

Improvement		Estimated ( Cost	BL SHARE	BL COST
Blacklake Tank Rehabilitation		\$150,000	0.15	\$22,500
Interior Coating Exterior Coating	\$130,000 \$20,000			4)
Misty Glen Interconnect		\$30,000	100	\$30,000
85 LF 8 inch pipe Pressure Reducing Station	\$12,000 \$18,000			
Augusta Drive Interconnect (Assuming pipe installed in Pomeroy)		\$21,000	100	\$21,000
20 LF 8-inch pipe Pressure Reducing Station	\$3,000 \$18,000			
Improvement Cost Subtotal		\$201,000		\$73,500
30% Contingency (Engineering, Construction Management, and Construction Contingency)		\$60,300		\$22,050
Improvement Cost Total		\$261,300		\$95,550
CONTRIBUTION TO OPERATING RESERVES		\$182,192	100	\$182,192
TOTAL				\$277,742
Surcharge per Equivalent 1" Meter				\$436.70

NOTE: This calculation does not address Fund 700



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# MINUTES OF THE 11/4/08 MEETING OF THE SOUTHLAND WWTF UPGRADE PROJECT COMMITTEE

#### CALL TO ORDER, ROLL CALL AND FLAG SALUTE

Chairman Winn called the Special Meeting to order at 2:00pm in the NCSD Board Chambers. Both Chairman Winn and Director Harrison were in attendance along with General Manager Bruce Buel; Utility Superintendent Tina Grietens; District Engineer Peter Sevcik; Eileen Shields and Mike Nunley from Boyle Engineering; Doug Wood from DWA and five members of the public.

#### 2. DISCUSS PROJECT STATUS/PREVIEW 11/13/08 PUBLIC OUTREACH MEETING

Bruce Buel summarized the status of the various studies under preparation and the process for reaching closure on concept selection and the environmental determination. Bruce Buel then previewed the 11/13/08 public outreach meeting. There was no public comment.

#### 3. DISCUSS POTENTIAL DISPOSAL OPTIONS

Bruce Buel provided a summary of the process and asked AECOM to review the draft report. Mike Nunley and Eileen Shields from AECOM presented the draft and requested Committee feedback on the comparison of options (pages 35 and 36). Committee discussion followed on the difference between recharge and disposal; the requirements of the Basin Plan for disposal; and the dynamics of the discharge to Nipomo Creek.

Mike Winn requested that the text on page 12 be expanded to provide for a new section 7.4 regarding community feedback.

In regards to Table 8.2 on Page 36, the Committee agreed, by consensus, that: a fatal flaw would result in a score of zero rendering that option unfeasible; the column labeled Regulatory Requirements should be expanded to address both Regulatory and Legal Requirements; the Column labeled Site Suitability should be expanded to address Water Quality impacts; and Re-Label Option 4 to specify the Kaminaka property.

The Committee further requested edits to page 9 regarding continued discharge to Nipomo Creek with an appropriate citation and to page 11 regarding the historical research done to evaluate potential discharge in the Mesa Road area.

Doug Wood of DWA then provided feedback to the Committee regarding the CEQA process and the level of information necessary to reach an environmental determination. The Committee discussed the process and the factors influencing the determination.

November 3, 2008 Southland WWTF Upgrade Project Committee Meeting Minutes (Cont.)

John Snyder indicated that the state encourages recycling of treated wastewater, that the Basin Plan prohibits discharges that degrade the quality of the native groundwater, that the report needed to provide information on the water quality impacts of disposal; the report needs to show the GSWC and Woodlands wells; and that he supports the option of irrigating the freeway medians.

Holger Anderson requested more information on Option 9 (ConocoPhillips).

Analiza Thuse requested a better definition of the properties involved in Option 3 (Mesa Road).

Bruce Buel responded to the public comments.

The Committee then discussed each Option set forth on Page 36 with the following consensus points:

Option 0 - Fatally Flawed and not feasible

Option 1 – Site Suitability is probably should state "More Information Needed" instead of Fair and Regulatory Column should speak to Legal issues.

Option 2 - Regulatory Column should speak to Legal Issues

Option 3 - Public Opinion score should be very low (one).

Option 4 - Re-Label as Kaminaka

Option 5 - Appears to be very expensive

Option 6 - Fatally flawed and not feasible

Option 7 - Fatally flawed and not feasible

Option 8 – Need to get more feedback from Agricultural Owners to determine feasibility.

Option 9 – Appears to be very expensive; not likely to provide any benefits regarding prevention of salt water intrusion and could have negative impacts on inland water quality.

The Committee, by consensus, concluded that Options 1, 2, 4, 5 and 8 should be studied further.

#### 4. SET DECEMBE MEETING

The Committee agreed to meet at 2:30pm on Monday December 1, 2008 to formulate recommendations regarding the draft Master Plan. There was no public comment.

#### ADJOURNMENT

Chairman Winn adjourned the meeting at 3:35 p.m.

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# MINUTES OF THE 11/4/08 MEETING OF THE SOUTHLAND WWTF UPGRADE PROJECT COMMITTEE

#### 1. CALL TO ORDER, ROLL CALL AND FLAG SALUTE

Chairman Winn called the Special Meeting to order at 2:00pm in the NCSD Board Chambers. Both Chairman Winn and Director Harrison were in attendance along with General Manager Bruce Buel; Utility Superintendent Tina Grietens; District Engineer Peter Sevcik; Eileen Shields and Mike Nunley from Boyle Engineering; Doug Wood from DWA and five members of the public.

#### 2. DISCUSS PROJECT STATUS/PREVIEW 11/13/08 PUBLIC OUTREACH MEETING

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Doug Wood of DWA then provided feedback to the Committee regarding the CEQA process and the level of information necessary to reach an environmental determination. The Committee discussed the process and the factors influencing the determination.

John Snyder indicated that the State encourages recycling of treated wastewater, that the Basin Plan prohibits discharges that degrade the quality of the native groundwater, that the report needed to provide information on the water quality impacts of disposal; the report needs to show the GSWC and Woodlands wells; and that he supports the option of irrigating the freeway medians and/or Option 9.

Holger Anderson requested more information on Option 9 (ConocoPhillips).

Analiza Thuse requested a better definition of the properties involved in Option 3 (Mesa Road).

Bruce Buel responded to the public comments.

The Committee then discussed each Option set forth on Page 36 with the following consensus points:

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Option 9 – Appears to be very expensive; not likely to provide any benefits regarding prevention of salt water intrusion and could have negative impacts on inland water quality.

The Committee, by consensus, concluded that Options 1, 2, 4, 5 and 8 should be studied further.

#### 4. SET DECEMBER MEETING

The Committee agreed to meet at 2:30pm on Monday December 1, 2008 to formulate recommendations regarding the draft Master Plan. There was no public comment.

#### ADJOURNMENT

Chairman Winn adjourned the meeting at 3:35 p.m.

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