

AGENDA
REGULAR MEETING
OF THE BOARD OF DIRECTORS OF THE
LEUCADIA WASTEWATER DISTRICT

Wednesday, February 13, 2008 – 5:00 p.m.
 1960 La Costa Avenue, Carlsbad, CA 92009

*NOTE: ITEMS ON THE AGENDA MAY BE TAKEN OUT OF SEQUENTIAL ORDER
 AS THEIR PRIORITY IS DETERMINED BY THE BOARD OF DIRECTORS*

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Approval of Agenda

In the case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. Also, items that arise after posting of the Agenda may be added, per Government Code Section 54954.2, by a 2/3 or unanimous vote of the Board.

5. Public Comment

Anyone wishing to address the Board or bring an agenda item forward may do so.

6. Presentations and Awards

None.

7. Consent Calendar

Any member of the Board, staff or public may request that items from the Consent Calendar be removed for discussion. Items so removed shall be acted upon separately following approval of remaining items on the Consent Calendar.

A. Minutes of the following meetings:

January 22, 2008 Regular Board Meeting (Pages 1-6)

February 4, 2008 Engineering Committee Meeting (Pages 7-8)

February 6, 2008 Investment & Finance Committee Meeting (Page 9)

B. Demands for January - February (Pages 10-27)

C. Operations Report. (Pages 28-29)

D. Finance Report. (Pages 30-35)

E. Quarterly Treasurer's Investment Report (Pages 36-37)

8. Encina Wastewater Authority Reports

Reports by Directors and staff concerning the Encina Wastewater Authority.

A. Encina Wastewater Authority Reports.

- Regular Board Meeting – January 23, 2008 (Pages 38-39)

- Member Agency Manager Meeting – February 6, 2008 (Oral Report)

9. Committee Reports

- A. Engineering Committee Meeting** was held February 4, 2008 – report by Director Juliussen (Page 40)

- B. Investment & Finance Committee Meeting was held February 6, 2008 – report by Director Hanson (Page 41)

10. Old Business

None.

11. New Business

- A. Authorize the General Manager to Execute an Agreement with Roesling Nakamura Terada (RNT) Architects for providing architectural services during construction for the District's Site Improvement Project in an amount not to exceed \$178,320. (Pages 42-45)
- B. Receive and File the Employee Opinion Survey Report. (Pages 46-47)
- C. Receive and File Annual Review of LWD Reserve Policy. (Pages 48-54)

12. Information items

- A. CSDA San Diego Chapter Quarterly Meeting will be held on Thursday, February 21, 2008 at the DoubleTree Club Hotel, San Diego. (Pages 55-57)
- B. CWEA Annual Conference will be held on April 13 – 16, 2008 in Sacramento, CA. (Pages 58-77)
- C. North County Times article "Vista, Carlsbad reach deal with water quality regulators" (Page 78)

13. Directors Meetings

- A. Special District Institute Governance Seminar was held at the Hilton Palms Springs Resort in Palm Springs, CA on February 6 – 9, 2008 – report by President Sullivan, Director Hanson, and Director Juliussen. (Page 79)
- B. CSDA Educational Committee meeting was held in Sacramento, CA on January 30, 2008 – report by Vice President Kulchin. (Page 80)

14. Comments, Questions or Requests by Directors

This item is placed on the agenda to allow individual Board members to briefly convey information to the Board or public, or to request staff to place a matter on a future agenda and/or report back on any matter. There is no discussion or action taken on comments by Board members.

15. General Manager's Report

Informational report by the General Manager on items not requiring Board action.

16. General Counsel's Report

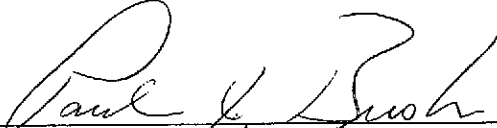
Informational report by the General Counsel on items not requiring Board action.

17. Adjournment

AFFADAVIT OF POSTING

I, Paul J. Bushee, Secretary of the Leucadia Wastewater District, hereby certify that I posted a copy of the foregoing agenda in the lobby of the District office at 1960 La Costa Avenue, Carlsbad, California at least 72 hours prior to the meeting, in accordance with Govt. Code Section 54954.2(a).

Date: February 7, 2008



Paul J. Bushee, Secretary/General Manager

LEUCADIA WASTEWATER DISTRICT

Minutes of a Regular Board Meeting
January 22, 2008

A Regular Meeting of the Board of Directors of Leucadia Wastewater District (LWD) was held Tuesday, January 22, 2008 at 5:00 p.m., at the District Administration Office at 1960 La Costa Ave., Carlsbad, California.

1. Call to Order

President Sullivan called the meeting to order at 5:00 p.m.

2. Roll Call

DIRECTORS PRESENT: Sullivan, Juliussen Kulchin, Hanson, and Omsted
DIRECTORS ABSENT: None
OTHERS PRESENT: General Manager Paul J. Bushee, District Counsel Wayne Brechtel, Administrative Services Manager Chuck LeMay, Executive Assistant Trisha Miranda, Richard Duffey with Brownell and Duffey, District Engineer Steve Deering, Paul Kaymark with Charles Z. Fedak & Co and Utility Worker Jose Gonzalez.

3. Pledge of Allegiance

4. Approval of Agenda

Upon motion duly made, seconded and carried, the Board of Directors approved the agenda.

5. Public Comment

There was no public comment.

GM Bushee introduced Paul Kaymark with Charles Z. Fedak & Co. GM Bushee also introduced Jose Gonzalez. The District recently hired Mr. Gonzalez as a Utility Worker.

6. Presentations and Awards

A. Cost Sharing of CSRMA Retrospective Dividends.

GM Bushee stated that the District recently received CSRMA retrospective dividends in the amount of \$2,772. The dividend reflects LWD's excellent safety record and an ongoing commitment to safety. The District's incentive program authorizes a 50% cost sharing of the dividend amount with the employees. Therefore, each employee is eligible for an incentive compensation award of \$81.53.

B. CSRMA Loss Control Program of the Year Award.

GM Bushee stated that LWD was awarded the CSRMA Loss Control Program of the Year Award. The CSRMA award program has been in place for a while and this is the first time, LWD has received this award. This award reflects the District's outstanding safety program and the policies and procedures that LWD has in place. The CSRMA award qualifies for a

\$300 compensation award to each employee under LWD's Incentive Program.

The Board of Directors congratulated staff for winning the CSRMA Loss Control Program of Year Award.

7. Consent Calendar

- A. Minutes for the following meetings:
 - December 12, 2007 Regular Board meeting
 - December 19, 2007 Community Affairs Committee meeting
 - December 20, 2007 Special Board meeting
 - January 7, 2008 Investment & Finance Committee meeting
- B. Demands for December 2007/January 2008
 - Payroll Checks Numbered 13380 - 13441; General Checking – Checks numbered 35644 – 35780; Manager's Account check number 329; Voided checks 35694-35731.
- C. Operations Report (A copy was attached to the original January 22, 2008 Agenda)
- D. Finance Report (A copy was attached to the original January 22, 2008 Agenda)

Following discussion and upon a motion duly made by Vice President Kulchin, seconded by Director Juliussen, and carried, the Board of Directors approved the consent calendar.

8. Encina Wastewater Authority (EWA) Reports

President Sullivan reported on EWA's December 12, 2007 Board meeting.
GM Bushee reported on the MAM's January 9, 2008 meeting.

9. Committee Reports

Community Affairs Committee Meeting – December 19, 2007 – Reported by Director Omsted

Director Omsted stated that the CAC discussed the new "Snugsite" platform for LWD's website. The CAC concurred with staff that the LWD website should be updated and this item will be discussed later in tonight's agenda.

Investment & Finance Committee Meeting – January 7, 2008 – Reported by Director Omsted

Director Omsted stated that the IFC was presented with a detail presentation of the District's FY 2007 audit and this item will be reviewed by the Board later in tonight's agenda.

10. Old Business

None

11. Public Hearing

- A. President Sullivan opened the Public Hearing to consider the following:

1. An Ordinance setting compensation and confirming meetings that qualify for director compensation.

No public input was received at the Public Hearing. President Sullivan closed the Public Hearing.

12. New Business

- A. Adoption of Ordinance No. 118 – Setting Director Compensation and Confirming Meetings that Qualify for Director Compensation.

ASM LeMay presented the subject recommendation. Following discussion, Resolution No. 2178 was passed and adopted by the following vote:

AYES: Directors Sullivan, Juliussen, Kulchin, and Omsted
NOES: None
ABSENT: Hanson
ABSTAIN: None

- B. Fiscal Year 2007 Comprehensive Annual Financial Report (CAFR).

CPA Duffey presented an overview of the FY 2007 CAFR. The audit illustrated that LWD is in a strong financial position no management letter was issued by the auditor.

Mr. Paul Kaymark provided an overview of the Management Discussion and Analysis (MD & A).

Following discussion, and upon a motion duly made by Director Juliussen, seconded by Director Omsted, and carried, the Board of Directors unanimously voted to receive and file the FY 07 Comprehensive Annual Financial Report as presented.

- C. Adopt Resolution No. 2189 Amending the Integrated Travel Authorization and Expense Reimbursement Policy.

ASM LeMay provided an overview of the subject recommendation. ASM LeMay stated the Integrated Travel Authorization and Expense Reimbursement Policy was amended to add the Batiquitos Lagoon Foundation (BLF) to the list of organizations that authorize reimbursement to Board and staff for attending BLF meetings, conferences and seminars.

Following discussion, Resolution No. 2189 was passed and adopted by the following vote:

AYES: Directors Hanson, Sullivan, Juliussen, Kulchin, and Omsted
NOES: None
ABSENT: None
ABSTAIN: None

D. Adoption of Resolution No. 2190 – Requesting LAFCO to Take Proceedings for the Proposed Brunswick Change of Organization.

District Engineer Deering presented the subject recommendation. District Engineering Deering stated that the annexation involves 4.13 acres, located on the western edge of the island area of Leucadia. The development project is within the District's sphere of influence and will include 10 single family homes. The alignment of sewer facilities to be constructed by Brunswick varies from the adopted Island Area Plan; however, it is consistent with negotiations that occurred prior to the Plan's adoption in May 2007. The construction will expedite sewer service and will not exclude any other residents within the Island Area.

Following discussion, Resolution No. 2190 was passed and adopted by the following vote:

AYES: Directors Sullivan, Hanson Juliussen, Kulchin, and Omsted
NOES: None
ABSENT: None
ABSTAIN: None

E. Review the FY 2008 LWD Tactics and Action Plan Status Report.

GM Bushee presented an overview of the subject recommendation. GM Bushee stated that the Board approved the FY 08 Tactics and Action Plan in July 2007. GM Bushee provided a detailed status report on the FY 08 Tactics and Action Plan.

This item was presented to the Board of Directors for information purposes. No action was taken.

F. Review the 2008 Board of Directors Committee Assignments.

President Sullivan stated there will be no changes to the Board of Directors Committee Assignments.

G. Receive and file the Disclosure of Reimbursements Report for July through December 2007.

GM Bushee presented the subject recommendation.

The Board of Directors reviewed the Reimbursement Report for July 2007 through December 2007. Following discussion and upon a motion duly made, seconded, and carried, the Board of Directors unanimously voted to receive and file the Board of Directors Disclosure of Reimbursement Report for July 2007 thru December 2007.

H. Discuss the CASA Washington DC Conference – Potential Change to March 2008 LWD Board Meeting Date.

GM Bushee presented the subject recommendation. GM Bushee stated that last year the District sent a representative to attend the conference. President Sullivan and Director Juliussen stated they would like to attend this conference. The conference is scheduled the same week as the March Board meeting; therefore staff suggests changing the next Board meeting to March 19, 2008.

Following discussion the Board of Directors rescheduled the March Board meeting to Wednesday, March 19, 2008 at 5:00 p.m.

13. Information Items

GM Bushee reported on the following information items:

A. Updates to the LWD Website.

ASM LeMay presented the subject recommendation. ASM LeMay stated the purpose of this item is to provide an update of LWD's website. Staff met with the Community Affairs Committee (CAC) on December 19th and discussed this item.

ASM LeMay stated the District's tactics & action plan includes a goal to evaluate and implement a new website platform to facilitate document uploading and enhance the District's public outreach efforts. The District recently evaluated a website platform system called SnugSites that meets our goals by significantly modernizing the website platform and enhancing staff's ability to make webpage changes. The District received an estimate of \$13,000 from Ideaworks Advertising to design a new webpage template and coordinate development of the new SnugSites platform.

B. Resolution of LAFCO – Approving the San Diego County Special Districts Municipal Service Review and Sphere of Influence Data Summary for the County Water Districts: Canebrake, Coachella Valley, Leucadia Wastewater District, and Vallecitos Water District.

GM Bushee stated this item was presented for informational purposes and to provide the Board with an update status on the LAFCO Municipal Service Review. GM Bushee indicated that the LAFCO resolution reaffirms the District's sphere of influence.

14. Directors' Meetings

- A. CASA 2008 Annual Conference was held at the Hyatt Grand Champions in Indian Wells, CA from January 9 – 12, 2008.

Directors Kulchin, Juliussen, Hanson, and Omsted attended the CASA 2008 Annual Conference that included various sessions regarding water and wastewater issues.

15. Comments, Questions or Requests by Directors

Vice President Kulchin congratulated President Sullivan on becoming President of the Board of Directors.

16. General Manager's Report

GM Bushee reported that Mr. Jeff Bills will attend February's Board of Directors meeting to provide the Board with a summary report on the employee opinion survey.

EA Miranda reported the next CSDA Quarterly dinner meeting is scheduled for February 21st in San Diego.

GM Bushee stated the CWEA Awards Banquet is this Saturday at 6:00 p.m. and if anyone would like to carpool, please meet him at the District at 5:00 p.m.

17. General Counsel's Report

General Counsel Brechtel reported that he attended the attorney's meeting during the CASA Conference. Mr. Brechtel volunteered to be part of a committee that discusses the proposed legislation that relates to private laterals.

18. Adjournment

President Sullivan adjourned the meeting at 7:00 p.m.

Elaine Sullivan, President

Paul J. Bushee
Secretary/General Manager
(SEAL)

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
February 4, 2008

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held Monday, February 4, 2008 at 8:00 a.m., at the LWD Administration Office located at 1960 La Costa Ave., Carlsbad, California.

1. Call to Order

Chairperson Juliussen called the meeting to order at 8:00 a.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen and Kulchin
DIRECTORS ABSENT: None
OTHERS PRESENT: General Manager (GM) Paul Bushee; Administrative Services Manager Chuck LeMay, Field Services Manager Leo Schempp, Project Manager Robin Morishita, District Engineer Steve Deering, and Eric Honour of Dudek & Associates

3. Public Comment

No public comment was received.

4. Old Business

None.

5. New Business

- A. Authorize the General Manager to execute an Agreement with Roesling Nakamura Terada (RNT) Architects for providing architectural services during construction for the District's Site Improvement Project in an amount not to exceed \$178,320.

PM Morishita presented the subject recommendation.

The EC discussed the recommendation. Following discussion, the EC concurred with staff to bring this recommendation forward to the Board of Directors for consideration at its February 13, 2008 meeting.

6. Information Items

- A. Site Improvement Project Status Report.

PM Morishita introduced Mr. Eric Honour, the District's construction manager, to report on the status of the Site Improvement Project. Mr. Honour indicated that the District has received its grading permit from the City of Carlsbad and that the notice to proceed is scheduled to be issue to Jaynes Construction on February 14, 2008. The EC discussed the project. Director Kulchin asked if a

groundbreaking ceremony was planned for the project. GM Bushee responded that staff is planning a groundbreaking ceremony and will notify the Board of Directors shortly of the date and time. Director Kulchin asked if the neighbors in the area of the District Headquarters have been notified of the pending construction. GM Bushee replied that staff will send out information notifying neighbors of the construction shortly. There was no action taken.

B. Status Report of the Permanent Flow Meter Installation.

PM Morishita stated that 5 of the 7 permanent flow meters have been installed; the remaining 2 meters will be installed shortly. PM Morishita presented graphs of District flows that can be accessed via the internet. EC discussed the project. There was no action taken.

C. LWD Wet Weather Flow Report.

GM Bushee presented graphics depicting District flows during rain events that occurred in late November and early December 2007. Overall, GM Bushee noted that the District did experience some additional inflow, however, the sewer system performed well during the rain events and there were no spills. The EC discussed the wet weather report. There was no action taken.

7. Director's Comments

None.

8. General Manager's Comments

None.

9. Adjournment

Chairperson Juliussen adjourned the meeting at 8:55 a.m.

Paul J. Bushee,
Secretary/Manager
(Seal)

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Investment & Finance Committee Meeting
 February 6, 2008

A meeting of the Investment & Finance Committee (IFC) of the Leucadia Wastewater District (LWD) was held Wednesday, February 6, 2008 at 12:00 p.m. at the District Administration Office at 1960 La Costa Ave., Carlsbad, California.

1. Call to Order

Chairperson Hanson called the meeting to order at 12:00 p.m.

2. Roll Call

DIRECTORS PRESENT: Hanson and Omsted

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee, Administrative Services Manager Chuck LeMay, Executive Assistant Trisha Miranda, and CPA Richard Duffey with Brownell and Duffey.

3. Public Comment

No public comment was received.

4. Old Business

None.

5. New Business

A. Annual Review of LWD's Reserve Policy.

ASM LeMay presented an overview of the Reserve Policy. The presentation included a summary of the flow of funds into and out of the various reserve designations. ASM LeMay stated that there were no recommended changes to the policy. Following discussion, the IFC concurred with staff to forward the annual review of the LWD Reserve Policy to the Board of Directors at its February 13, 2008 meeting.

6. Information Items

None.

7. Directors' Comments

None.

8. General Manager's Comments

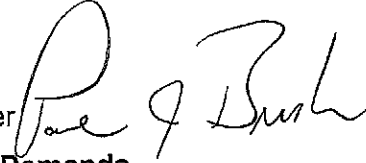
None.

9. Adjournment

Chairperson Hanson adjourned the meeting at 12:33 p.m.

Paul J. Bushee
 Secretary/General Manager
 (Seal)

MEMORANDUM

DATE: February 7, 2008
 TO: Board of Directors
 FROM: Paul J. Bushee, General Manager 
 SUBJECT: Approval of January/February Demands

RECOMMENDATION:

Staff requests that the Board of Directors:

1. Approve checks and electronic payments totaling \$ 274,837.11.
2. Discuss and take other action as appropriate.

DISCUSSION:

Attached are check registers describing all payments made by LWD for the months January 18, 2008 – February 7, 2008.

Operating expenses totaled \$158,623.96 while Capital Improvement Program expenses totaled \$ 74,644.47.

Payroll for employees totaled \$ 41,568.68.

Attached please find a year to date Employee and Board Payroll Report from January 2007 to February 2008 for your review. The report includes a monthly breakdown of employee and Board payroll expenses for the prior 12 months.

mmm:PJB

Attachment 1	Summary of Demands by Account, January/February 2008
Attachment 2	Payroll Check Register dated January 22, 2008
Attachment 3	Accounts Payable Check Register dated January 28, 2008
Attachment 4	Payroll Check Register January 30, 2008
Attachment 5	Accounts Payable Check Register dated February 4, 2008
Attachment 6	Board Payroll Check Register dated February 6, 2008
Attachment 7	Year to Date Employee and Board Payroll Report

DEMANDS SUMMARY

February 13, 2008

1. Demands

Category	Check #'s		Amount	Total
Payroll Checks -1/22/08	13442 - 13458	Incentive	\$5,915.41	
Payroll Checks - 1/30/2008	13459 - 13476		\$32,250.05	
Board Payroll Checks - 2/6/2008	13477 - 13481		<u>\$3,403.22</u>	
		Total	\$41,568.68	
General Checking - 1/28/2008	35781 - 35841		\$157,558.98	
General Checking -2/1/2008	35842 - 35844		<u>\$75,659.45</u>	
		Total	\$233,218.43	\$274,787.11
Mgrs Account	330		\$50.00	\$50.00
Voided Check		35800 reissued 35839		
		Grand Total		\$274,837.11

LEUCADIA WASTEWATER DISTRICT
EMPLOYEE PAYROLL CHECK REPORT

Payroll Date: January 22, 2008
INCENTIVE

<u>Check Nos.</u>	<u>Date</u>	<u>Amount</u>
13442 - 13458	1/22/2008	\$5,915.41

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35781- 2310	1	1/28/2008	10100 NAPA AUTO		
	1		35205 PARTS	21.53	803033
35781- 2310	1	1/28/2008	Logged	*** Total ***	21.53
35782- 2310	2	1/28/2008	10167 ACACIA GASOLINE & CAR WASH		
	2		35151 OPEN PO-VEHICLE FUEL	48.01	1726
	2		35159 OPEN PO-VEHICLE FUEL	483.44	1723
35782- 2310	2	1/28/2008	Logged	*** Total ***	531.45
35783- 2310	3	1/28/2008	10570 ANTIMITE TERMITE & PEST CONTRO		
	3		35190 MONTHLY PEST SERVICE	51.00	790354
35783- 2310	3	1/28/2008	Logged	*** Total ***	51.00
35784- 2310	4	1/28/2008	11650 BROWNELL AND DUFFEY CPA		
	4		35189 ACCOUNTING FEES-DEC	8,916.00	328
35784- 2310	4	1/28/2008	Logged	*** Total ***	8,916.00
35785- 2310	5	1/28/2008	11872 PAUL BUSHEE		
	5		35219 REIMBURSE PB FOR CONFERENCE	57.51	PB-1/12/08
35785- 2310	5	1/28/2008	Logged	*** Total ***	57.51
35786- 2310	6	1/28/2008	12112 CONFIDENCE CONSULTING		
	6		35194 ADDITIONAL FEES-EXPENSES	889.97	CC-1/08
35786- 2310	6	1/28/2008	Logged	*** Total ***	889.97
35787- 2310	7	1/28/2008	12350 CITY OF ENCINITAS		
	7		35207 REFUND FOR FIRE STATION-#664	5.71	ENCINITAS-664
35787- 2310	7	1/28/2008	Logged	*** Total ***	5.71
35788- 2310	8	1/28/2008	12360 CITY OF CARLSBAD		
	8		35180 WATER @ VACTOR	60.79	103-00-08
	8		35181 WATER @ VACTOR 2	131.84	104-1/08
35788- 2310	8	1/28/2008	Logged	*** Total ***	192.63
35789- 2310	9	1/28/2008	12510 COAST WASTE		
	9		35145 RENT STORAGE CONTAINER	87.50	09809120274
35789- 2310	9	1/28/2008	Logged	*** Total ***	87.50
35790- 2310	10	1/28/2008	12514 CONEXIS		
	10		35218 SEC 125 FLEX PLAN-DEC	125.00	CONEXIS-12/07
35790- 2310	10	1/28/2008	Logged	*** Total ***	125.00
35791- 2310	11	1/28/2008	12525 COPYCARE OF SAN DIEGO		
	11		35139 FUSER KIT FOR HP COLOR PRINTER	533.37	102223
35791- 2310	11	1/28/2008	Logged	*** Total ***	533.37
35792- 2310	12	1/28/2008	12631 COR-0-VAN		
	12		35146 OPEN PO-STORAGE	98.57	RS1253567
35792- 2310	12	1/28/2008	Logged	*** Total ***	98.57
35793- 2310	13	1/28/2008	12814 CUES, INC		
	13		35155 REPAIR TO CAMERA AND CAMERA VA	1,294.56	280724

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35793-	2310	13	1/28/2008 Logged	*** Total ***	1,294.56
35794-	2310	14	1/28/2008 13071 DATCO		
		14	35144 OPEN PO-SERVICES FEES AND TEST	273.00	50427
35794-	2310	14	1/28/2008 Logged	*** Total ***	273.00
35795-	2310	15	1/28/2008 13272 DETECTION INSTRUMENTS CORP		
		15	35148 OPEN PO-CALIBRATIONS OF ODALOG	362.50	759811067
		15	35161 OPEN PO-CALIBRATIONS OF ODALOG	430.04	758711064
35795-	2310	15	1/28/2008 Logged	*** Total ***	792.54
35796-	2310	16	1/28/2008 13586 DOWNSTREAM SERVICES, INC.		
		16	35157 FLOW MONITORING SERVICES @ SAN	975.00	15558
		16	35158 POINT REPAIR @ 3 LOCATIONS	7,500.00	15566REV
		16	35204 FILTER MAINTENANCE	166.33	67415
35796-	2310	16	1/28/2008 Logged	*** Total ***	8,641.33
35797-	2310	17	1/28/2008 13822 DUDEK & ASSOCIATES		
		17	35212 GE/3251/GRADING PLANS	262.50	20076331
		17	35213 GE/CIP/NOV/200/314/321/087	7,581.16	20076192
		17	35214 GE/3252/752/DIPPIN DOTS	500.00	20076682
		17	35215 GE/3252/754/L&L HAWAIIAN	735.00	20076342
		17	35216 GE/3252/753/LC CANYON	577.50	20076341
		17	35221 GE/3252/068/LC BEACH	157.50	20076587
		17	35222 GE/3252/546/LC FAIRWAYS	9.22	20076334
		17	35223 GE/3252/581/LC GLEN	2,039.52	20076335
		17	35224 GE/3252/584/LC CONDOS	290.00	20076336
		17	35225 GE/3252/663/WARNER ANNEX	157.50	20076337
		17	35226 GE/3252/697/LC GREENS	262.50	20076338
		17	35227 GE/3252/719/CHEVRON	1,207.50	20076339
		17	35228 GE/3252/526/FAIR OAKS	856.01	20076333
35797-	2310	17	1/28/2008 Logged	*** Total ***	14,635.91
35798-	2310	18	1/28/2008 14218 EFFECTIVENESS DIMENSIONS INTER		
		18	35211 TOP GUN LEADERSHIP-RM	2,295.00	3566
35798-	2310	18	1/28/2008 Logged	*** Total ***	2,295.00
35799-	2310	19	1/28/2008 14410 EL CAMINO REAL SHELL ENCINITAS		
		19	35150 OPEN PO-VEHICLE FUEL	623.93	7772
		19	35160 OPEN PO-VEHICLE FUEL	353.00	7768
35799-	2310	19	1/28/2008 Logged	*** Total ***	976.93
35800-	2310	20	1/28/2008 14520 EMPLOYMENT DEVELOPMENT DEPT OF		
		20	35188 CA INCOME TAX	1,930.49	CA TAX-1/16/08
		20	35199 UNEMPLOYMENT-GS	182.63	93205383-1/08
35800-	2310	20	1/28/2008 Voided	*** Total ***	2,113.12
35801-	2310	21	1/28/2008 17070 HAWTHORNE POWER SYSTEMS		
		21	35154 ANNUAL SERVICE TO PS AND GENER	8,420.01	P0130001
35801-	2310	21	1/28/2008 Logged	*** Total ***	8,420.01
35802-	2310	22	1/28/2008 17255 HENRY'S PLUMBING		

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Obligat'n	Name / Description	Net amount	INVOICE NUMBER
35802-	2310	22	35198	TEST BACKFLOW @ VP7	50.00	HENRYS 1/15/08
		22	1/28/2008	Logged	*** Total ***	50.00
35803-	2310	23	18150	ICMA RETIREMENT-303979		
		23	35192	DEFERRED COMP	2,146.03	ICMA-1/16/08
35803-	2310	23	1/28/2008	Logged	*** Total ***	2,146.03
35804-	2310	24	18212	INFRASTRUCTURE ENGINEERING COR		
		24	35140	CONTRACT-REPAIR TRUNK SEWER @	12,932.00	3240
35804-	2310	24	1/28/2008	Logged	*** Total ***	12,932.00
35805-	2310	25	18561	U.S. BANK		
		25	35229	CONFERENCES, SUPPLIES, MEETING	6,045.05	US BANK-12/24/0
35805-	2310	25	1/28/2008	Logged	*** Total ***	6,045.05
35806-	2310	26	19775	ALLAN JULIUSSEN		
		26	35203	REIMBURSE AJ FOR CONFERENCE	846.86	AJ-1/12/08
35806-	2310	26	1/28/2008	Logged	*** Total ***	846.86
35807-	2310	27	20842	DAVID KULCHIN		
		27	35202	REIMBURSE DK FOR CONFERENCE	646.27	DK-CONF-1/12/08
35807-	2310	27	1/28/2008	Logged	*** Total ***	646.27
35808-	2310	28	21021	LAFCO		
		28	35230	BRUNNSWICK ANNEXATION	4,050.00	BRUNNS ANNEX
35808-	2310	28	1/28/2008	Logged	*** Total ***	4,050.00
35809-	2310	29	21228	LDS CHURCH		
		29	35206	REFUND DEVELOPER #503	48.26	LDS-503
35809-	2310	29	1/28/2008	Logged	*** Total ***	48.26
35810-	2310	30	21510	CHUCK LEMAY		
		30	35220	REIMBURSE CLM FOR CONFERENCE	123.20	CHUCK-1/12/08
35810-	2310	30	1/28/2008	Logged	*** Total ***	123.20
35811-	2310	31	21532	LOGOWORKS, INC		
		31	35156	TABLECLOTHS WITH LOGO	447.61	9181
35811-	2310	31	1/28/2008	Logged	*** Total ***	447.61
35812-	2310	32	22511	MOBILE MINI		
		32	35142	LEASE OF MODULAR OFFICE TRAILE	619.56	904094300
35812-	2310	32	1/28/2008	Logged	*** Total ***	619.56
35813-	2310	33	23068	NATIONWIDE RETIREMENT SOLUTION		
		33	35164	DEFERRED COMP	1,206.65	NATION 1-16-08
35813-	2310	33	1/28/2008	Logged	*** Total ***	1,206.65
35814-	2310	34	24111	OCB REPROGRAPHICS		
		34	35200	SITE IMPROVEMENT PLANS	1,135.26	5128166
35814-	2310	34	1/28/2008	Logged	*** Total ***	1,135.26
35815-	2310	35	24224	OFFICE DEPOT, INC.		

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35815- 2310	35	1/28/2008	35147 OPEN PO- OFFICE SUPPLIES Logged	331.63 *** Total ***	414385614 331.63
35816- 2310	36	1/28/2008	25010 AT&T		
	36		35179 PHONE @ 8PS	20.63	9423588-12/07
	36		35185 SCADA ALARMS	530.88	2570451-1/08
	36		35186 ODOR CONTROL MODEM	20.16	4364009-1/08
35816- 2310	36	1/28/2008	Logged	*** Total ***	571.67
35817- 2310	37	1/28/2008	25015 PACIFIC DRAIN & JETTER SERVICE		
	37		35209 REPAIR MENS BATHROOM	70.00	745453
35817- 2310	37	1/28/2008	Logged	*** Total ***	70.00
35818- 2310	38	1/28/2008	25032 PALOMAR WATER		
	38		35184 WATER @ OFFICE	125.70	960123
35818- 2310	38	1/28/2008	Logged	*** Total ***	125.70
35819- 2310	39	1/28/2008	25260 PERS RETIREMENT		
	39		35195 BOARD RETIREMENT 11-30-07	72.14	11-2007-0
	39		35196 BOARD RETIREMENT 12-31-07	144.28	12-2007-0
	39		35197 RETIREMENT PPE 1-13-08	11,218.07	1-2008-3
35819- 2310	39	1/28/2008	Logged	*** Total ***	11,434.49
35820- 2310	40	1/28/2008	25635 THE PRINTERY		
	40		35201 DRIVERS CHECKLIST FORMS	144.82	54744
35820- 2310	40	1/28/2008	Logged	*** Total ***	144.82
35821- 2310	41	1/28/2008	25680 PRUDENTIAL OVERALL SUPPLY		
	41		35187 LAUNDRY SERVICE	938.74	35925-00-12/07
35821- 2310	41	1/28/2008	Logged	*** Total ***	938.74
35822- 2310	42	1/28/2008	25829 PULTE HOMES		
	42		35208 REFUND TO DEVELOPER#570	51.69	PULTE-570
35822- 2310	42	1/28/2008	Logged	*** Total ***	51.69
35823- 2310	43	1/28/2008	26804 QUALITY CHEVROLET		
	43		35143 OPEN PO-VEHCILE/TRUCK MAINTENA	582.59	CTCS354013
35823- 2310	43	1/28/2008	Logged	*** Total ***	582.59
35824- 2310	44	1/28/2008	27010 RAIN FOR RENT INC		
	44		35152 PURCHASE PIPE FOR BIG BLUE @ B	5,331.05	036018451
35824- 2310	44	1/28/2008	Logged	*** Total ***	5,331.05
35825- 2310	45	1/28/2008	27012 RANCHO SANTA FE SECURITY SYSTE		
	45		35183 SECURITY SYSTEM	126.00	331995
35825- 2310	45	1/28/2008	Logged	*** Total ***	126.00
35826- 2310	46	1/28/2008	27524 ROESLING NAKAMURA TERADA ARCHI		
	46		35149 BUILDING PROGRAM-ARCHITECTUAL	4,317.46	3755
35826- 2310	46	1/28/2008	Logged	*** Total ***	4,317.46
35827- 2310	47	1/28/2008	28020 SAN DIEGO GAS AND ELECTRIC		

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
	47		35165 ELECTRIC @ E. ESTATES	606.44	01444485-12/07
	47		35166 GAS @ E.E.	1.29	008965555-12/07
	47		35167 ELECTRIC @ VP5	297.37	00747336-1/08
	47		35168 ELECTRIC @ DIANA	248.85	01444495-1/08
	47		35169 ELECTRIC @ AVOCADO PS	100.91	00505010-1/08
	47		35170 ELECTRIC @ SAXONY	731.38	01683816-1/08
	47		35171 ELECTRIC @ MEADOWS 3	183.38	01169672-1/08
	47		35172 ELECTRIC @ VP7	72.93	00747631-1/08
	47		35173 ELECTRIC @ LC PS	939.30	01031273-1/08
	47		35174 ELECTRIC @ OFFICE	862.05	01823519-1/08
	47		35175 ELECTRIC @ LPS	10,466.55	01874070-1/08
	47		35176 ELECTRIC @ EEPS	385.50	01919876-1/08
35827- 2310	47	1/28/2008	Logged *** Total ***	14,895.95	
35828- 2310	48	1/28/2008	28020 SAN DIEGO GAS AND ELECTRIC		
	48		35177 ELECTRIC @ BPS	11,073.33	01857178-1/08
35828- 2310	48	1/28/2008	Logged *** Total ***	11,073.33	
35829- 2310	49	1/28/2008	28231 SAN DIEGO COUNTY VECTOR CONTROL		
	49		35217 ASSEMENT-2007-2008 VECTOR CONT	6.36	SD10053
35829- 2310	49	1/28/2008	Logged *** Total ***	6.36	
35830- 2310	50	1/28/2008	28324 SHELL OIL COMPANY		
	50		35141 OPEN PO-VEHICLE FUEL	258.29	065023442801
35830- 2310	50	1/28/2008	Logged *** Total ***	258.29	
35831- 2310	51	1/28/2008	28720 STATE WATER RESOURCES CONTROL		
	51		35153 ANNUAL FEE FOR STORM WATER PER	830.00	0725769
35831- 2310	51	1/28/2008	Logged *** Total ***	830.00	
35832- 2310	52	1/28/2008	29225 TELEPACIFIC COMMUNICATIONS		
	52		35182 PHONE SYSTEM	774.02	6746543-0
35832- 2310	52	1/28/2008	Logged *** Total ***	774.02	
35833- 2310	53	1/28/2008	29332 THOMSON/WEST		
	53		35210 SUBSCRIPTION-CA CODE	40.96	815225122
35833- 2310	53	1/28/2008	Logged *** Total ***	40.96	
35834- 2310	54	1/28/2008	30560 UNITED PARCEL		
	54		35163 SHIPPING	10.94	000025YY37028
35834- 2310	54	1/28/2008	Logged *** Total ***	10.94	
35835- 2310	55	1/28/2008	30580 UNITED WAY		
	55		35178 EMPLOYEE CONTRIBUTIONS	20.00	UNITED-1/16
35835- 2310	55	1/28/2008	Logged *** Total ***	20.00	
35836- 2310	56	1/28/2008	31232 VERIZON WIRELESS		
	56		35191 CELL PHONES	595.68	0619695739
35836- 2310	56	1/28/2008	Logged *** Total ***	595.68	
35837- 2310	57	1/28/2008	32271 WEST COAST SAFETY SUPPLY CO.,		
	57		35162 SENSOR	161.63	170320

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35837-	2310	57	1/28/2008 Logged	*** Total ***	161.63
35838-	2310	58	1/28/2008 32347 DEXTER WILSON ENGINEERING		
		58	35193 ASSET MANAGEMENT PROGRAM	23,615.00	1207.23
35838-	2310	58	1/28/2008 Logged	*** Total ***	23,615.00
35839-	2311	1	1/28/2008 14520 EMPLOYMENT DEVELOPMENT DEPT OF		
		1	35199 UNEMPLOYMENT-GS	182.63	93205383-1/08
35839-	2311	1	1/28/2008 Voided	*** Total ***	182.63
35840-	2311	2	1/28/2008 14520 EMPLOYMENT DEVELOPMENT DEPT OF		
		2	35188 CA INCOME TAX	1,930.49	CA TAX-1/16/08
35840-	2311	2	1/28/2008 Logged	*** Total ***	1,930.49
35841-	2313	1	1/29/2008 14521 EMPLOYMENT DEVELOPMENT DEPT		
		1	35232 UNEMPLOYMENT-	184.22	93205383-1/08
35841-	2313	1	1/29/2008 Logged	*** Total ***	184.22
					.00
** Total check discount **					.00
** Total check amount **				157,558.98	
** Total void discount **					.00
** Total void amount **				2,295.75	

LEUCADIA WASTEWATER DISTRICT
EMPLOYEE PAYROLL CHECK REPORT

Payroll Date: January 30, 2008
INCENTIVE

<u>Check Nos.</u>	<u>Date</u>	<u>Amount</u>
13459 - 13476	1/30/2008	\$32,250.05

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Obligat'n	Name / Description	Net amount	INVOICE NUMBER
35842- 2317	1	2/04/2008	10100	NAPA AUTO		
	1			35282 PARTS	71.60	806482
35842- 2317	1	2/04/2008	Logged		71.60	
				*** Total ***		
35843- 2317	2	2/04/2008	10167	ACACIA GASOLINE & CAR WASH		
	2			35251 OPEN PO-VEHICLE FUEL	218.90	1730
35843- 2317	2	2/04/2008	Logged		218.90	
				*** Total ***		
35844- 2317	3	2/04/2008	10214	ADEPT PLUMBING		
	3			35276 REPAIR TOILET IN WOMENS BATHRO	115.00	070
35844- 2317	3	2/04/2008	Logged		115.00	
				*** Total ***		
35845- 2317	4	2/04/2008	11550	BOOT WORLD CORP		
	4			35272 SAFETY BOOTS-FRANK	155.12	1042809-IN
35845- 2317	4	2/04/2008	Logged		155.12	
				*** Total ***		
35846- 2317	5	2/04/2008	11641	BROWN & CALDWELL		
	5			35270 AD FOR FS1	200.00	16555
35846- 2317	5	2/04/2008	Logged		200.00	
				*** Total ***		
35847- 2317	6	2/04/2008	12510	COAST WASTE		
	6			35281 TRASH SERVICE	181.03	09880202745
35847- 2317	6	2/04/2008	Logged		181.03	
				*** Total ***		
35848- 2317	7	2/04/2008	12585	COUNTY OF SAN DIEGO		
	7			35283 RENEWAL HAZARDOUS PERMIT	651.00	HK07-105038-1/8
35848- 2317	7	2/04/2008	Logged		651.00	
				*** Total ***		
35849- 2317	8	2/04/2008	12589	STATE DISBURSEMENT UNIT DF1176		
	8			35271 CHILD SUPPORT-AB-JAN	774.18	AB-DF117622-08
35849- 2317	8	2/04/2008	Logged		774.18	
				*** Total ***		
35850- 2317	9	2/04/2008	12625	KONESCranes, INC		
	9			35252 ANNUAL INSPECTION-CRANE	360.00	SDG00309230
35850- 2317	9	2/04/2008	Logged		360.00	
				*** Total ***		
35851- 2317	10	2/04/2008	13072	DATA NET		
	10			35264 IS MAINT AND SUPPORT	447.50	9729214
35851- 2317	10	2/04/2008	Logged		447.50	
				*** Total ***		
35852- 2317	11	2/04/2008	13261	DEPT HEALTH SERVICES		
	11			35277 CERT RENEWAL-JH-GRADE 01	70.00	29181-JH-08
35852- 2317	11	2/04/2008	Logged		70.00	
				*** Total ***		
35853- 2317	12	2/04/2008	13263	DE LAGE LANDEN		
	12			35266 COPIER LEASE	549.87	08025817050
35853- 2317	12	2/04/2008	Logged		549.87	
				*** Total ***		
35854- 2317	13	2/04/2008	13822	DUDEK & ASSOCIATES		
	13			35248 CONTRACT/NGVI-ENVIRONMENTAL/MI	332.50	20076550
35854- 2317	13	2/04/2008	Logged		332.50	
				*** Total ***		

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35855- 2317	14	2/04/2008	13822 DUDEK & ASSOCIATES		
	14		35242 CONTRACT/CM SERVICES FOR SITE	13,612.63	20076569
35855- 2317	14	2/04/2008	Logged	*** Total ***	13,612.63
35856- 2317	15	2/04/2008	14410 EL CAMINO REAL SHELL ENCINITAS		
	15		35250 OPEN PO-VEHICLE FUEL	296.86	7782
35856- 2317	15	2/04/2008	Logged	*** Total ***	296.86
35857- 2317	16	2/04/2008	14520 EMPLOYMENT DEVELOPMENT DEPT OF		
	16		35262 CA INCOME TAX	1,797.82	CA TAX-1/30
35857- 2317	16	2/04/2008	Logged	*** Total ***	1,797.82
35858- 2317	17	2/04/2008	15016 FALLBROOK PUBLIC UTILITY DISTR		
	17		35268 EMPLOYEE ASST PROGRAM-MARCH	44.54	MARCH 2008
35858- 2317	17	2/04/2008	Logged	*** Total ***	44.54
35859- 2317	18	2/04/2008	15575 UNION SECURITY INSURANCE COMPA		
	18		35269 LIFE INS-FEB	451.55	74171-2/08
35859- 2317	18	2/04/2008	Logged	*** Total ***	451.55
35860- 2317	19	2/04/2008	16806 THE GUARDIAN		
	19		35265 DENTAL INS-FEB	2,110.45	GUARD-1/4/08
35860- 2317	19	2/04/2008	Logged	*** Total ***	2,110.45
35861- 2317	20	2/04/2008	17010 HAAKER EQUIPMENT CO		
	20		35246 SERVICE VACTOR #128	2,349.06	W17614
	20		35247 REPLACE WORN WELDMENT @ VACTOR	1,392.46	W17615
35861- 2317	20	2/04/2008	Logged	*** Total ***	3,741.52
35862- 2317	21	2/04/2008	17013 HACH COMPANY		
	21		35249 SERVICE CONTRACT-6 MONTHS-CALI	695.36	5554147
35862- 2317	21	2/04/2008	Logged	*** Total ***	695.36
35863- 2317	22	2/04/2008	18150 ICMA RETIREMENT-303979		
	22		35267 DEFERRED COMP-ICMA	2,146.03	ICMA-1/30/08
35863- 2317	22	2/04/2008	Logged	*** Total ***	2,146.03
35864- 2317	23	2/04/2008	18212 INFRASTRUCTURE ENGINEERING COR		
	23		35243 SATELLITE PS FORCE MAIN REPLAC	10,477.46	3293
	23		35244 CONTRACT-REPAIR TRUNK SEWER @	341.00	3292
35864- 2317	23	2/04/2008	Logged	*** Total ***	10,818.46
35865- 2317	24	2/04/2008	19050 JANI-KING OF SAN DIEGO		
	24		35260 CLEANING SERVICE-JAN	975.00	SD01080193
35865- 2317	24	2/04/2008	Logged	*** Total ***	975.00
35866- 2317	25	2/04/2008	20842 DAVID KULCHIN		
	25		35278 REIMBURSE DK FOR CONFERENCE	220.83	DK-1/30/08
35866- 2317	25	2/04/2008	Logged	*** Total ***	220.83
35867- 2317	26	2/04/2008	21102 PETTY CASH		
	26		35285 PETTY CASH	340.35	PETTY-1/28/08

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
35867- 2317	26	2/04/2008	Logged	*** Total ***	340.35
35868- 2317	27	2/04/2008	22274 MET-LIFE		
	27		35261 DISABILITY INS-FEB	804.59	MET-1/15/08
35868- 2317	27	2/04/2008	Logged	*** Total ***	804.59
35869- 2317	28	2/04/2008	23068 NATIONWIDE RETIREMENT SOLUTION		
	28		35253 DEFERRED COMP	1,206.65	NATION-1/30
35869- 2317	28	2/04/2008	Logged	*** Total ***	1,206.65
35870- 2317	29	2/04/2008	23570 NORTH COUNTY TIMES		
	29		35273 PUBLIC NOTICE AD	304.00	122693
35870- 2317	29	2/04/2008	Logged	*** Total ***	304.00
35871- 2317	30	2/04/2008	24223 OFFICE DEPOT		
	30		35241 OPEN PO-OFFICE SUPPLIES	118.51	TRN0122
35871- 2317	30	2/04/2008	Logged	*** Total ***	118.51
35872- 2317	31	2/04/2008	24224 OFFICE DEPOT, INC.		
	31		35245 OPEN PO- OFFICE SUPPLIES	1,115.62	416246895
35872- 2317	31	2/04/2008	Logged	*** Total ***	1,115.62
35873- 2317	32	2/04/2008	24528 DONALD OMSTED		
	32		35279 REIMBURSE DO FOR CONFERENCE	111.50	DO-1/12/08
35873- 2317	32	2/04/2008	Logged	*** Total ***	111.50
35874- 2317	33	2/04/2008	25018 MES VISION		
	33		35286 VISION INS-FEB	349.01	VISION-1/4/08
35874- 2317	33	2/04/2008	Logged	*** Total ***	349.01
35875- 2317	34	2/04/2008	25260 PERS RETIREMENT		
	34		35284 RETIREMENT PPE 1/27/08	10,766.91	1-2008-4
35875- 2317	34	2/04/2008	Logged	*** Total ***	10,766.91
35876- 2317	35	2/04/2008	25261 PUBLIC EMPLOYEES HEALTH		
	35		35254 BRD HEALTH INS-FEB	1,907.82	H2008027247000
	35		35255 EMPLOYEES HEALTH INS-FEB	17,116.83	H2008021231000
35876- 2317	35	2/04/2008	Logged	*** Total ***	19,024.65
35877- 2317	36	2/04/2008	25265 PEP BOYS		
	36		35280 SUPPLIES/PARTS FOR TRUCKS	11.18	07010027326
35877- 2317	36	2/04/2008	Logged	*** Total ***	11.18
35878- 2317	37	2/04/2008	28020 SAN DIEGO GAS AND ELECTRIC		
	37		35258 ELECTRIC @ RANCHO VERDE	17.43	01380248-1/08
35878- 2317	37	2/04/2008	Logged	*** Total ***	17.43
35879- 2317	38	2/04/2008	28124 SUMMERS CONSULTING		
	38		35275 PM GENERATION ISSUES	187.50	113
35879- 2317	38	2/04/2008	Logged	*** Total ***	187.50
35880- 2317	39	2/04/2008	29630 TRI COMMUNITY ANSWERING SERVIC		

UNION BANK GENERAL

Check-Run	Seq#	Date	Vendor / Name / Obligat'n Description	Net amount	INVOICE NUMBER
	39		35259 ANSWERING SERVICE	80.00	TRI-1/20/08
35880- 2317	39	2/04/2008	Logged	*** Total ***	80.00
35881- 2317	40	2/04/2008	29730 T.S. INDUSTRIAL SUPPLY	62.60	1011648
	40		35274 STAINLESS STEEL PROBE	62.60	
35881- 2317	40	2/04/2008	Logged	*** Total ***	62.60
35882- 2317	41	2/04/2008	30580 UNITED WAY	20.00	UNITED-1/30/08
	41		35263 EMPLOYEE CONTRIBUTIONS	20.00	
35882- 2317	41	2/04/2008	Logged	*** Total ***	20.00
35883- 2317	42	2/04/2008	31050 VALLECITOS WATER DISTRICT	39.81	108105000-1/08
	42		35257 WATER @ MEADOWS 3	39.81	
35883- 2317	42	2/04/2008	Logged	*** Total ***	39.81
35884- 2317	43	2/04/2008	31263 AMERICAN MESSAGING	61.39	L14175211B
	43		35256 PAGER SERVICE	61.39	
35884- 2317	43	2/04/2008	Logged	*** Total ***	61.39
				.00	
** Total check discount **				.00	
** Total check amount **				75,659.45	
** Total void discount **				.00	
** Total void amount **				.00	

LEUCADIA WASTEWATER DISTRICT
BOARD PAYROLL CHECK REPORT

Payroll Date: February 6, 2008

<u>Check No.</u>	<u>Date</u>	<u>Amount</u>
13477 - 13481	2/6/2008	\$3,403.22

**LEUCADIA WASTEWATER DISTRICT
YEAR TO DATE EMPLOYEE AND BOARD PAYROLL AMOUNTS**

JANUARY

2007

1/3/2007	Employee	\$31,419.14
1/8/2007	Board	\$962.00
1/17/2007	Employee	\$30,861.69
1/31/2007	Employee	<u>\$30,801.63</u>
	Total	\$94,044.46

FEBRUARY

2/9/2007	Board	\$4,795.67
2/9/2007	Incentive	\$3,208.31
2/14/2007	Employee	\$31,233.86
2/15/2007	Incentive	\$9,576.44
2/28/2007	Employee	<u>\$31,071.66</u>
	Total	\$79,885.94

MARCH

3/1/2007	Employee	\$4,614.45
3/5/2007	Board	\$2,722.58
3/14/2007	Employee	\$30,919.56
3/21/2007	Incentive	\$14,478.68
3/28/2007	Employee	<u>\$30,726.19</u>
	Total	\$83,461.46

APRIL

4/5/2007	Board	\$2,712.00
4/11/2007	Employee	\$32,103.82
4/25/2007	Employee	<u>\$31,211.59</u>
	Total	\$66,027.41

MAY

5/2/2007	Board	\$2,871.08
5/9/2007	Employee	\$31,182.95
5/10/2007	Incentive	\$5,102.24
5/23/2007	Employee	<u>\$31,081.76</u>
	Total	\$70,238.03

JUNE

6/6/2007	Employee	\$32,273.03
6/7/2007	Board	\$4,530.81
6/20/2007	Employee	<u>\$31,366.57</u>
	Total	\$68,170.41

JULY

7/4/2007	Employee	\$28,688.46
7/5/2007	Board	\$805.58
7/18/2007	Employee	<u>\$29,233.62</u>
	Total	\$58,727.66

AUGUST

8/1/2007	Employee	\$29,570.86
8/2/2007	Board	\$1,012.00
8/15/2007	Employee	\$29,803.77
8/29/2007	Employee	<u>\$29,724.44</u>
	Total	\$90,111.07

SEPTEMBER

9/4/2007	Employee	\$121.34
9/5/2007	Board	\$3,543.59
9/12/2007	Employee	\$30,678.55
9/26/2007	Employee	<u>\$30,544.25</u>
	Total	\$64,887.73

OCTOBER

10/3/2007	Board	\$1,262.00
10/10/2007	Employee	\$32,263.98
10/24/2007	Employee	<u>\$30,211.84</u>
	Total	\$63,737.82

NOVEMBER

11/7/2007	Employee	\$32,393.34
11/8/2007	Board	\$4,531.25
11/14/2007	Incentive	\$3,936.93
11/21/2007	Employee	<u>\$33,498.88</u>
	Total	\$74,360.40

DECEMBER

12/1/2007	Employee/Sick Buybk	\$10,990.49
12/5/2007	Employee	\$33,813.33
12/6/2007	Board	\$1,704.08
12/19/2007	Employee	<u>\$32,440.28</u>
	Total	\$78,948.18

JANUARY

1/2/2008	Employee	\$32,762.14
1/7/2008	Board	\$1,986.08
1/16/2008	Employee	\$35,796.03
1/22/2008	Incentive	\$5,915.41
1/30/2008	Employee	<u>\$32,250.05</u>
	Total	\$108,709.71

FEBRUARY

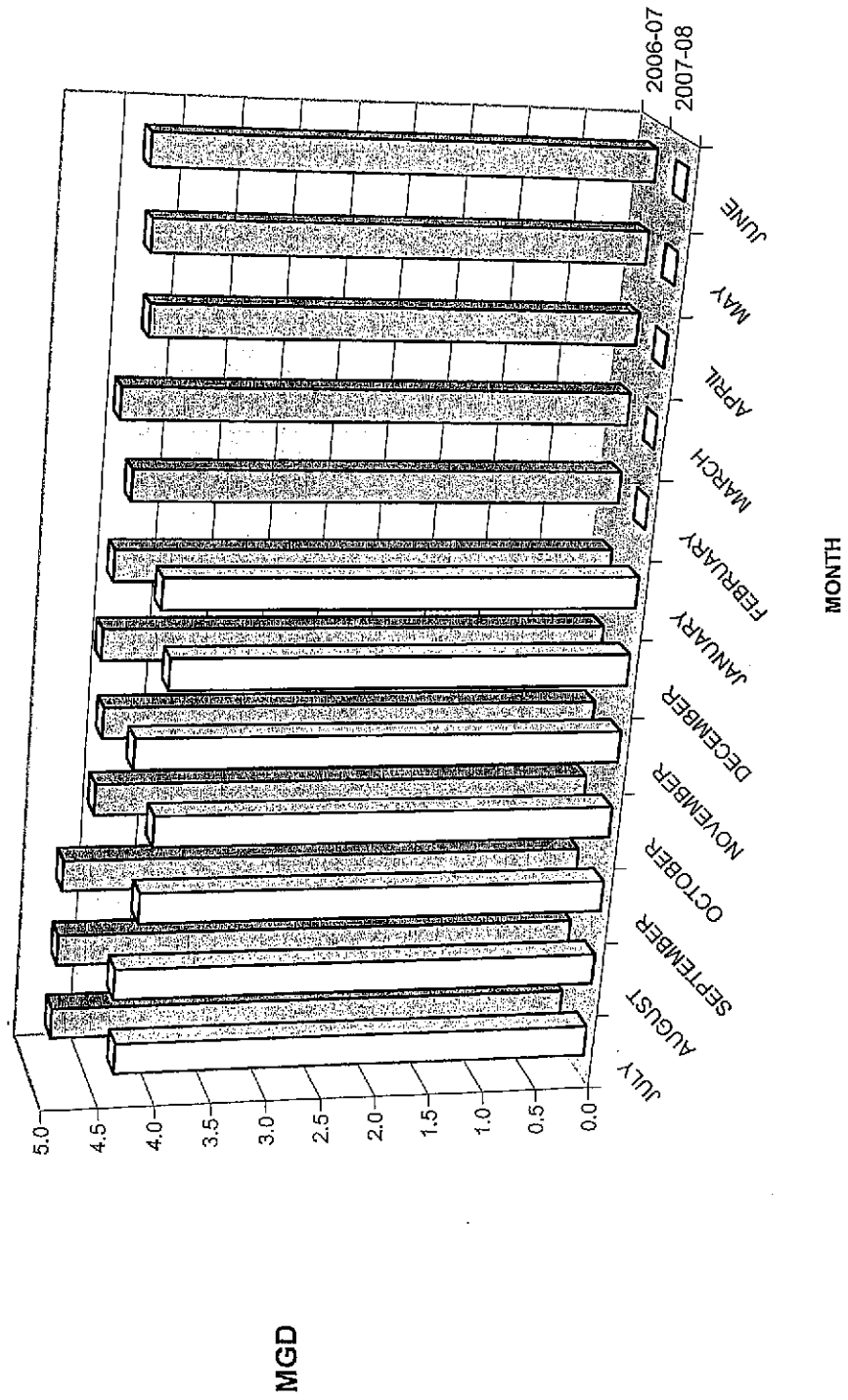
2/6/2008	Board	\$3,403.22
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**LEUCADIA WASTEWATER DISTRICT
OPERATIONS REPORT
FISCAL YEAR 2007-2008**

CURRENT MONTH - January 2008							FY 2006-2007	
Period	Total Flow MG	Total EDU's 27,393	LWD ADF (MGD)	GPD/EDU	RECLAIMED ADF (ac-ft/mo)	ADF (MGD)		
JULY	134.39	8	4.34	158	36.35	4.77		
YTD	134.39	27,401						
AUGUST	135.75	6.2	4.38	160	41.60	4.75		
YTD	270.14	27,407						
SEPTEMBER	126.20	18.3	4.21	153	38.30	4.74		
YTD	396.34	27,425						
OCTOBER	127.75	3.6	4.12	150	25.80	4.50		
YTD	524.09	27,429						
NOVEMBER	129.99	3.0	4.33	158	15.56	4.47		
YTD	654.07	27,432						
DECEMBER	126.20	5.6	4.07	148	0.00	4.51		
YTD	780.27	27,437						
JANUARY	129.61	31.0	4.18	152	0.00	4.45		
YTD	909.89	27,468						
FEBRUARY						4.35		
YTD								
MARCH						4.48		
YTD								
APRIL						4.28		
YTD								
MAY						4.31		
YTD								
JUNE						4.36		
YTD								
Annual Total	909.89	76			157.61			
Mo Average	129.98	11	4.23	154	32	4.50		

operations report

**LEUCADIA WASTEWATER DISTRICT
FLOW COMPARISON FY 07 to FY 08**



LEUCADIA WASTEWATER DISTRICT
SCHEDULE OF ASSETS, LIABILITIES, AND NET ASSETS
As of January 31, 2008

ASSETS	
Cash	\$ 129,670.67
Investments and Investment Pools	46,082,210.35
Bond Investments Held by Agents	4,708,581.80
Accounts Receivable	732,005.20
Funds Held with Encina Wastewater Authority	733,959.00
Prepaid Expenses	37,327.42
Capital Assets	106,068,202.08
Less Accumulated Depreciation	(32,893,248.87)
Debt Issuance Costs, Net of Amortization	297,708.65
TOTAL ASSETS	\$ 125,896,416.30
LIABILITIES	
Accounts Payable and Accrued Expenses	172,028.91
Developer Deposits	235,079.99
Bond & Interest Debt	4,589,041.87
TOTAL LIABILITIES	\$ 4,996,150.77
NET ASSETS	
Net Investment in Capital Assets	70,364,874.45
Restricted Reserves	7,937,237.45
Unrestricted Operating Reserve	1,495,629.63
Unrestricted Non-Operating Reserves (Designated)	33,171,342.09
Unrestricted Emergency Reserve	7,500,000.00
Capital Contributions	-
YTD Revenue over (under) Expenditures	431,181.91
TOTAL NET ASSETS	\$ 120,900,265.53

Preliminary: subject to future review, reconciliation, accruals, and audit.

LEUCADIA WASTEWATER DISTRICT

BUDGET PERFORMANCE REPORT

YTD Revenue and Expenditures Through 1/31/2008 with Annual Budget

OPERATING REVENUES AND EXPENSES					
DESCRIPTION	A/C No.	YTD ACTUAL AMOUNT	ANNUAL BUDGET	REMAINING BALANCE	% USED
OPERATING REVENUES AND TRANSFERS					
OPERATING REVENUES					
SEWER SERVICE	3110	\$ 2,956,895.23	\$ 5,321,226.00	\$ 2,364,330.77	55.57%
RECLAIMED WATER SALES	3150	115,078.06	285,400.00	170,321.94	40.32%
OTHER OPERATING INCOME		12,441.88	235,730.00	223,288.12	5.28%
TOTAL OPERATING REVENUE		\$ 3,084,415.17	\$ 5,842,356.00	\$ 2,757,940.83	52.79%
OPERATING EXPENSES					
WAGES AND BENEFITS	4100 & 4200	\$ 1,027,571.10	\$ 1,825,229.00	\$ 797,657.90	56.30%
BOARD EXPENSES AND ELECTION	4300 & 4400	48,613.77	108,700.00	60,086.23	44.72%
DEPRECIATION EXPENSE	4510	1,454,000.00	-	(1,454,000.00)	n/a
REPLACEMENT EXPENSE	4515	-	769,000.00	769,000.00	n/a
FUELS	4600	20,985.93	46,310.00	25,324.07	45.32%
INSURANCE	4700	76,785.40	88,600.00	11,814.60	86.67%
MEMBERSHIP & DUES	4800	20,134.95	22,100.00	1,965.05	91.11%
OFFICE EXPENSE	4900	22,125.81	46,760.00	24,634.19	47.32%
OPERATING SUPPLIES	5000	73,915.77	162,950.00	89,034.23	45.36%
PROFESSIONAL SERVICES	5200	246,433.60	555,900.00	309,466.40	44.33%
PRINTING & PUBLISHING	5300	12,444.26	33,000.00	20,555.74	37.71%
RENTS & LEASES	5400	10,694.38	21,000.00	10,305.62	50.93%
REPAIR & MAINTENANCE	5500	77,823.85	238,550.00	160,726.15	32.62%
MONITORING & PERMITTING	5600	16,977.71	48,900.00	31,922.29	34.72%
TRAINING & DEVELOPMENT	5700	19,946.78	45,400.00	25,453.22	43.94%
UTILITIES	5900	220,891.76	440,000.00	219,108.24	50.20%
LAFCO OPERATIONS	6100	7,377.00	7,400.00	23.00	99.69%
ENCINA	6200	380,785.57	1,995,754.00	1,614,968.43	19.08%
TOTAL OPERATING EXPENSES		\$ 3,737,507.64	\$ 6,455,553.00	\$ 2,718,045.36	57.90%

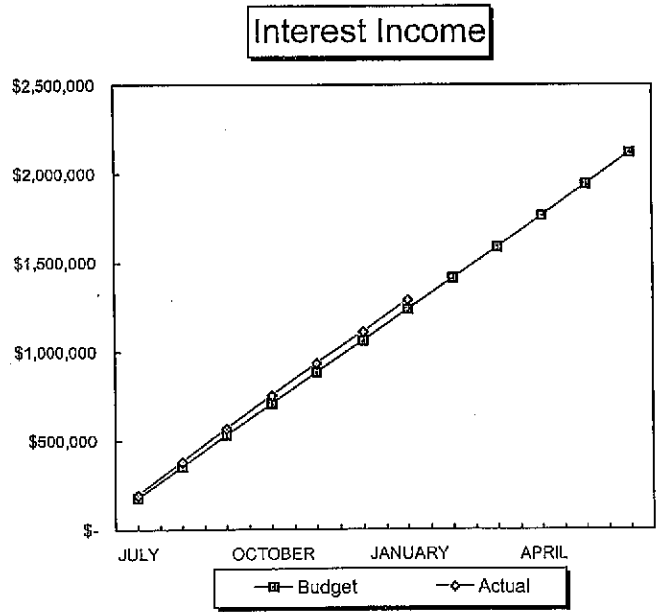
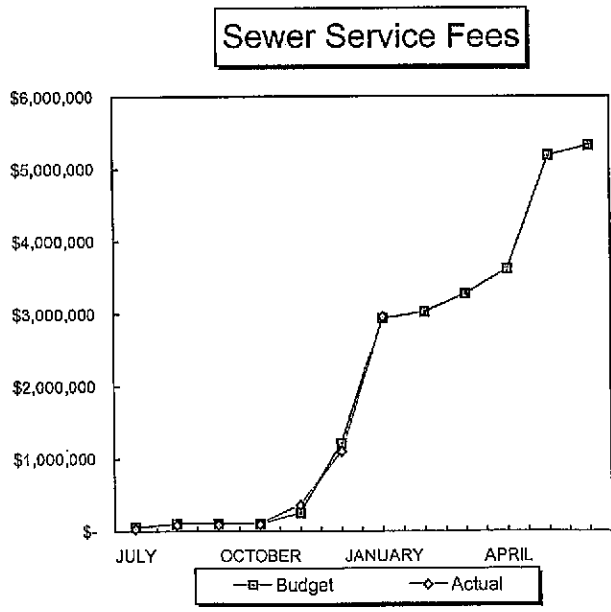
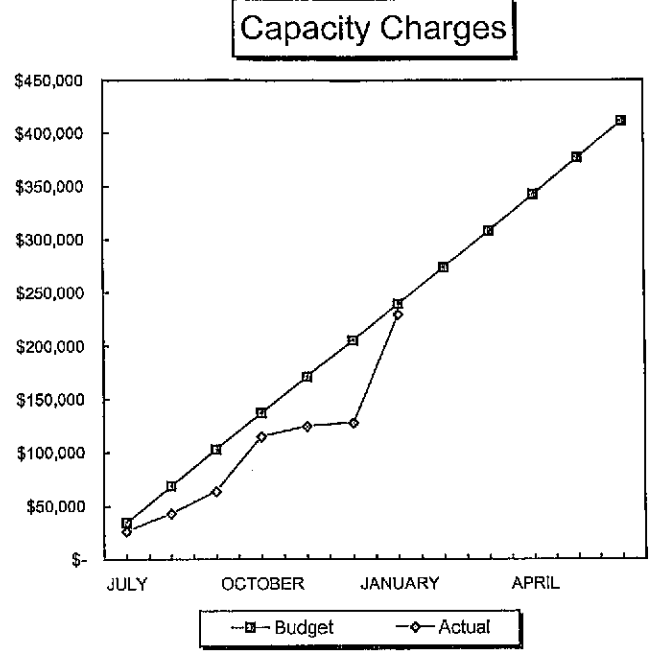
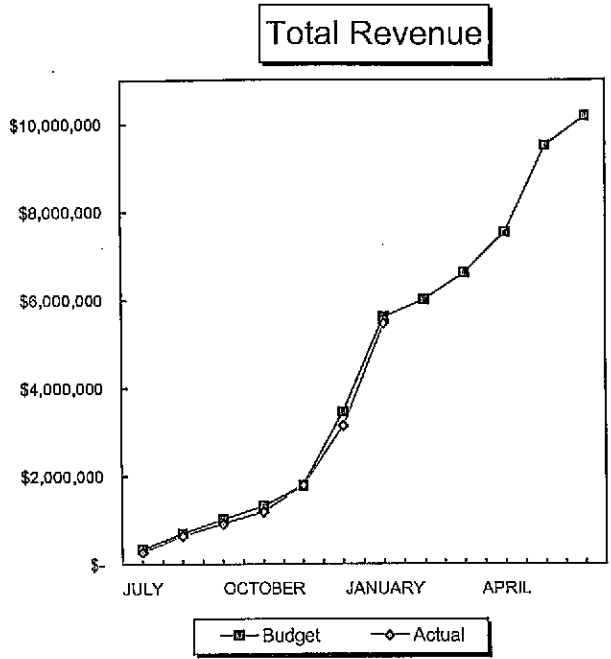
NON-OPERATING REVENUES AND EXPENSES					
DESCRIPTION	A/C No.	YTD ACTUAL AMOUNT	ANNUAL BUDGET	REMAINING BALANCE	% USED
NON OPERATING REVENUES					
CAPACITY CHARGES	3130	\$ 229,691.40	\$ 410,800.00	\$181,108.60	55.91%
PROPERTY TAXES	3220	654,239.09	1,150,000.00	495,760.91	56.89%
INTEREST INCOME	3250	1,289,805.00	2,120,000.00	830,195.00	60.84%
OTHER NON OPERATING INCOME		198,786.83	646,334.00	447,547.17	30.76%
TOTAL NON OPERATING REVENUES		\$ 2,372,522.32	\$ 4,327,134.00	\$1,954,611.68	54.83%
DEBT SERVICE					
INTEREST EXPENSE AND FEES	6500	\$ 116,111.65	\$ 214,004.00	\$ 97,892.35	54.26%
PRINCIPAL PAYMENTS	6500	488,269.19	488,269.00	(0.19)	100.00%
TOTAL DEBT SERVICE		\$ 604,380.84	\$ 702,273.00	\$ 97,892.16	86.06%

Preliminary: subject to future review, reconciliation, accruals, and audit.

Leucadia Wastewater District

Revenue FY 2007-2008

YTD through January 31, 2008 *

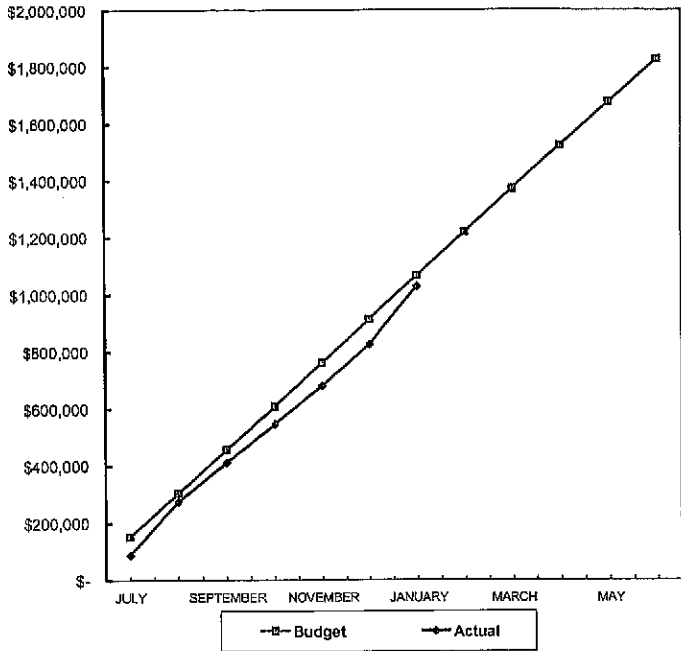


* Preliminary: subject to future review, reconciliation, accruals, and audit

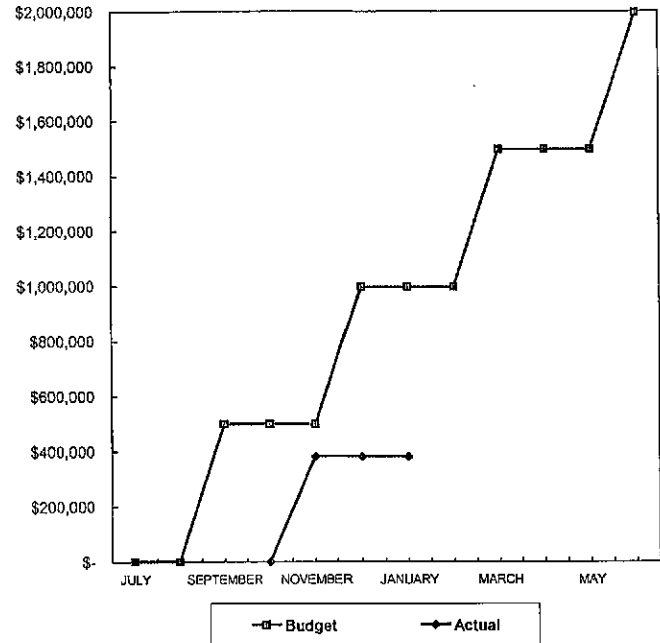
Leucadia Wastewater District Operating Expenses FY 2007-2008

YTD through January 31, 2008 *

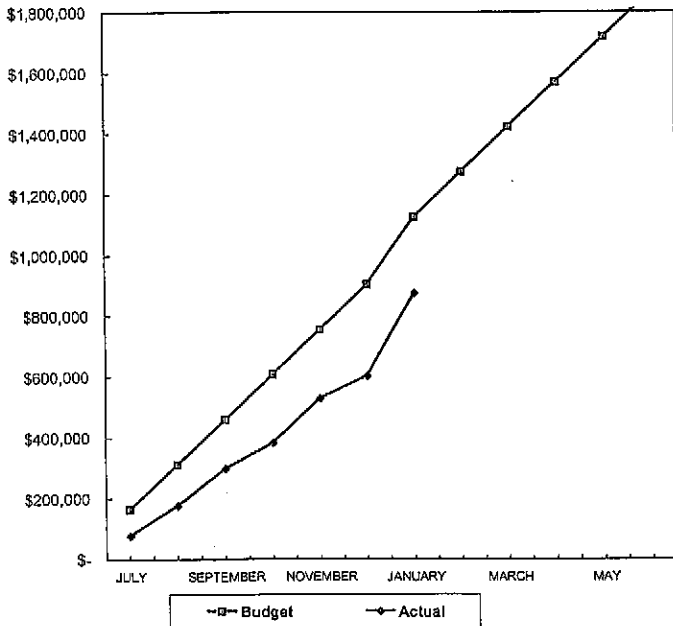
Salaries and Benefits



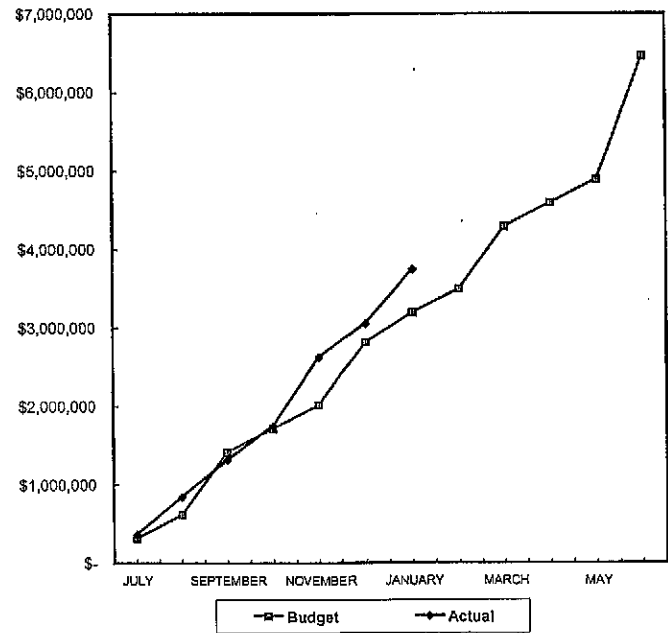
Encina M&O



**Other LWD Operating Expenses -
Excluding Depreciation & Replacement**



**Total LWD Operating Expense -
Including Depreciation & Replacement**



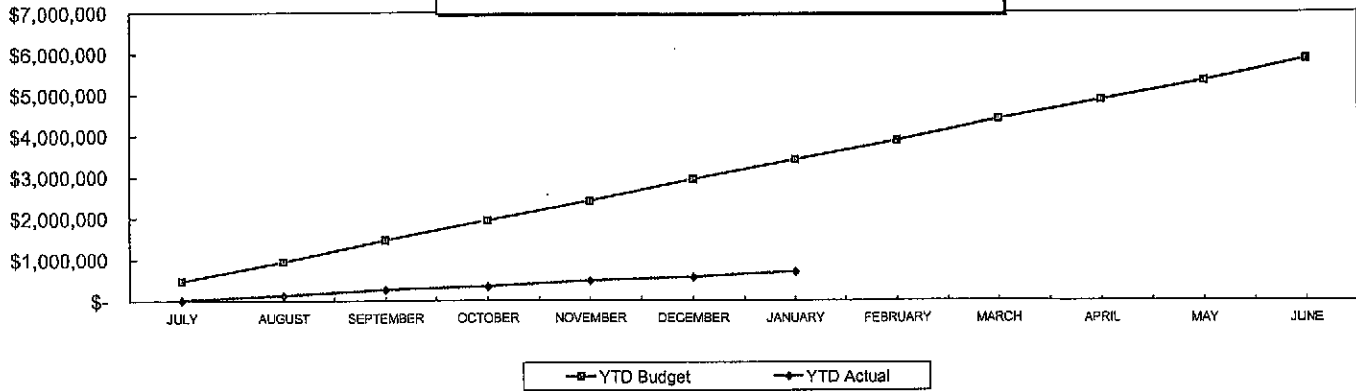
* Preliminary: subject to future review, reconciliation, accruals, and audit

Leucadia Wastewater District

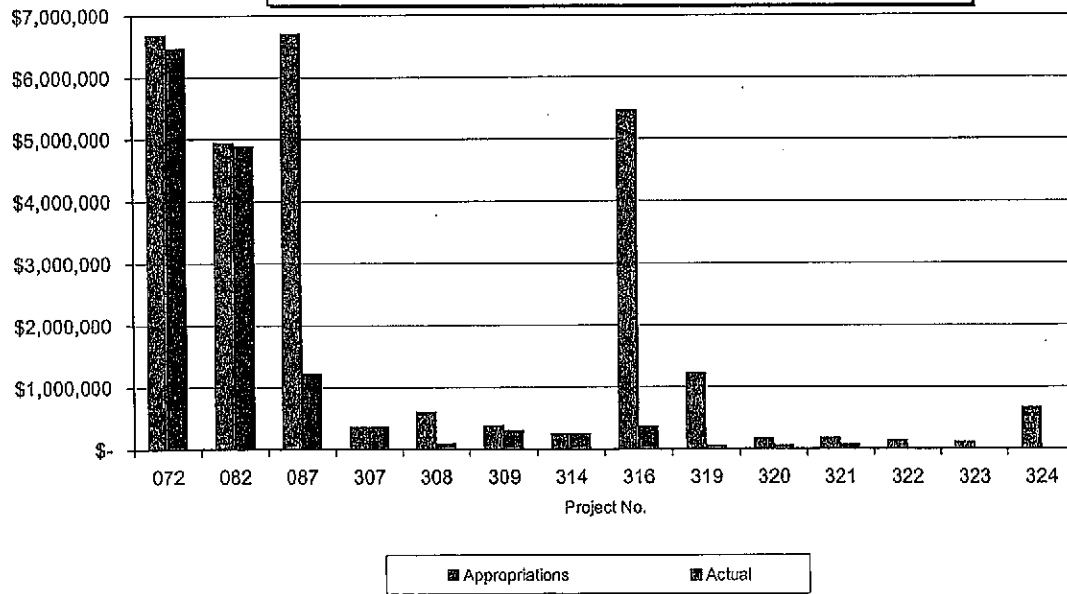
Capital Expenditures

As of January 31, 2008

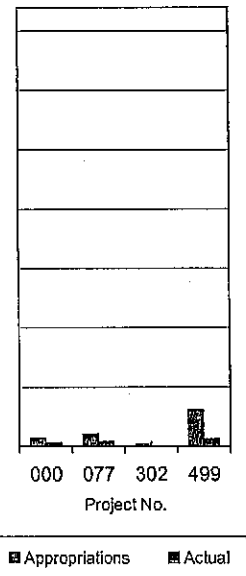
Capital Projects and Equipment For FY 2007/08



Multi Year Capital Expenditures by Project 2002/03-2007/08



Single Year Capital Expenditures by Project 2007/08

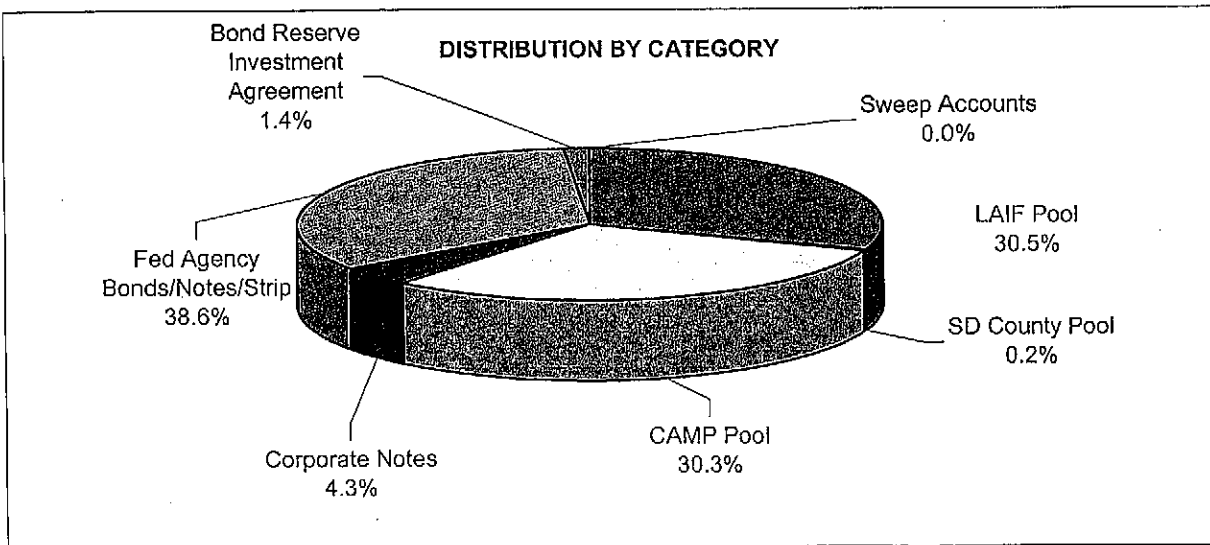
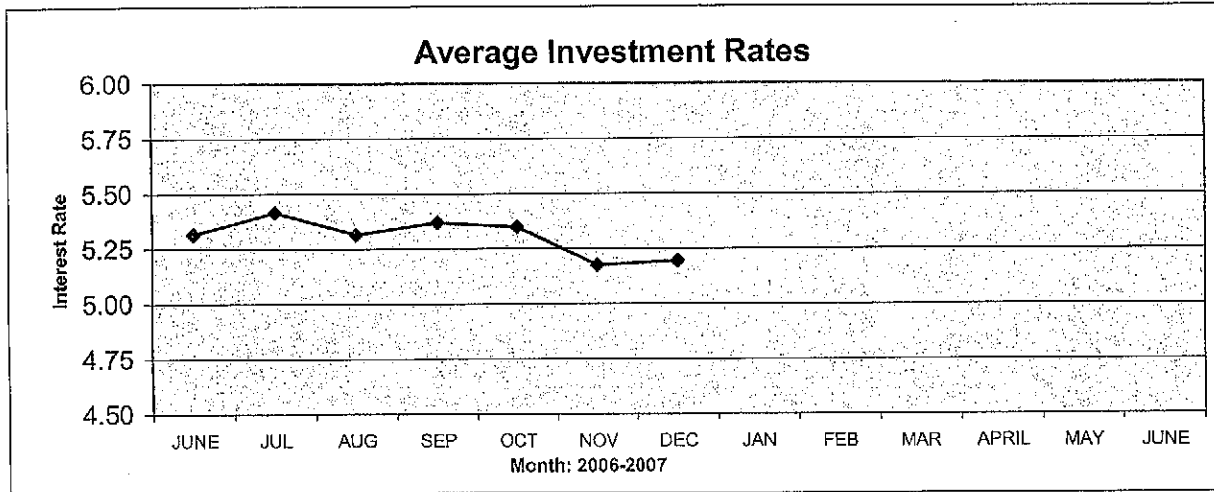


Project Legend			
Description	No.	Description	No.
Encina WA	072	Piraeus Pipeline Repair	320
Leucadia PS Improvements	082	Gibraltar Pipeline Replacement	321
Site Improvement Program	087	Install Permanent Flow Meters	322
Meadows 1 PS Decommission	307	Lateral Replace/Backflow Prevr	323
Mineral Scape Mitigation Project	308	Bat PS Influent Line	324
Capacity Management Flow Study	309	Equipment	000
Asset Management Master Plan	314	Misc Pipeline Repair	077
Satellite PS Forcemains	316	Professional Services	302
101 Trunk Sewer	319	LWD General Labor	499

* Preliminary: subject to future review, reconciliation, accruals, and audit


LEUCADIA WASTEWATER DISTRICT
Monthly Investment Summary
As of December 31, 2007

Cash & Investments	Principal (Original Cost)		December Interest	Average Rate
	Nov 30, 2007	Dec 31, 2007		
Sweep Account: US Treasury MM - Union	56,000	8,351	528	2.750%
LAIF Pool	13,389,897	14,281,897	55,355	4.801%
SD County Pool	104,557	104,557	413	4.736%
CAMP Pool	13,603,938	14,213,185	55,816	4.820%
CAMP Portfolio				
Corporate Notes	2,005,005	2,005,005	7,654	4.581%
Federal Agency Bonds/Notes	10,536,446	10,536,446	44,832	5.159%
Federal Agency Discount Notes	1,433,267	1,433,267	6,948	5.227%
GNMA mortgage pools	23,446	23,328	183	9.375%
US Treasury Bonds/Notes	2,485,586	1,986,016	8,594	4.383%
Total Camp Portfolio	16,483,750	15,984,062	68,211	4.987%
Bond Funds				
BNY fiscal agent bond reserve a/c	652,884	652,884	2,916	5.360%
US Bank. custodian a/c: Fed Agency Strips	1,595,866	1,595,866	17,292	13.003%
Total Bond Funds	2,248,750	2,248,750	20,208	10.784%
Totals	\$ 45,886,891	\$ 46,840,802	\$ 200,531	5.190%



MEMORANDUM

Ref: 08-1450

DATE: February 7, 2008
TO: Board of Directors
FROM: Paul J. Bushee, General Manager 
SUBJECT: LWD QUARTERLY TREASURER'S INVESTMENT REPORT

RECOMMENDATION:

Staff requests that the Board of Directors:

1. Receive and file LWD's Quarterly Treasurer's Investment Report

DISCUSSION:

In accordance with California Government Code Section #53646 LWD is encouraged to render the Quarterly Treasurer's Investment Report to the Board of Directors for its consideration. For your convenience, staff has developed a one page summary of LWD's investments for the quarter ending December 31, 2007 (see attached). A copy of the full Quarterly Treasurer's Investment Reports has been enclosed for your review.

rd:PB

Attachment
Enclosure

**LEUCADIA WASTEWATER DISTRICT
 QUARTERLY INVESTMENT REPORT SUMMARY
 December 31, 2007**

SUMMARY OF INVESTMENTS AT DECEMBER 31, 2007

ASSETS	AMORTIZED COST 12/31/2007	% OF TOTAL
LAIF - STATE INVESTMENT POOL	\$ 14,281,896.99	28.8%
SAN DIEGO COUNTY INVESTMENT POOL	104,557.09	0.2%
CAMP - JPA INVESTMENT POOL	14,213,184.98	28.7%
CAMP PORTFOLIO - BANK OF NEW YORK.		
Corporate Notes	1,994,449.31	4.0%
Federal Agency Bond Notes	10,579,283.19	21.4%
Federal Agency Discount Notes	1,478,839.04	3.0%
Federal Agency - GNMA Pools	23,325.84	0.0%
US Treasury Bonds/Notes	1,997,671.80	4.0%
	16,073,569.18	
BANK OF NEW YORK - BOND RESERVE FUNDS		
Collateralized Investment Agreement	652,883.75	1.3%
	652,883.75	
US BANK - CUSTODIAL ACCOUNTS		
Resolution Funding Corp Strips - Cost	1,595,865.86	
Interest Earned - Amortized Discount*	2,615,383.27	
	4,211,249.13	8.5%
TOTAL INVESTMENTS	\$ 49,537,341.12	100.0%

* Representation of interest that is accruing as these federal agency coupons approach maturity

INTEREST FOR THE QUARTER ENDED 12/31/2007

MONTH	EARNED	AVERAGE RETURN
October	\$ 204,941.00	5.35%
November	201,988.00	5.17%
December	196,027.00	5.18%
TOTALS	\$ 602,956.00	

Encina Wastewater Authority Report
Regular Board Meeting
January 23, 2008

EWA Board of Directors - Director Juliussen and Director Sullivan reporting.

EWA Board Meeting Action Items:

1. Filanc Contract Change Order No. 35

The Board of Directors approved a contract change order no. 36 with J.R. Filanc Construction Company in an amount not to exceed \$216,948.

2. Centralized Flow Monitoring System Enhancements

The Board of Directors approved amendment no. 2 to the contract with ADS Environmental Service to provide centralized flow monitoring system enhancements.

3. Board of Directors Strategic Planning Workshop

The Board of Directors considered the proposed structure of the Board of Directors Strategic Planning Workshop and discussed potential dates for the Board of Directors Strategic Planning Workshop.

4. Salary and Terms of Employment for the EWA General Manager

The Board of Directors adopted resolution no. 08-1 approving the salary and terms of employment for the EWA General Manager.

Executive Session

- 5. The Board of Directors met in closed session as authorized by Government Code 54956.8, to discuss the Master Planning and**

Development Disposition of the South Parcel located in the 6200 block of Avenida Encinas in Carlsbad, CA.

6. The Board of Directors met in closed session as authorized by Government code 54957.6, to discuss salaries and fringe benefits for the unrepresented employees in the informal and management groups.
7. The Board of Directors met in closed session as authorized by Government code 54956.9, to discuss anticipated litigation – one case: Jaynes Corporation of California.
8. The Board of Directors met in closed session as authorized by Government code 54956.9, to discuss anticipated litigation – one case: Hawthorne Power Systems.

There was no reportable action.

Engineering Committee Meeting Report

Presented by Director Juliussen

Meeting held February 4, 2008

1. The EC reviewed the recommendation that the Board of Directors authorize the General Manager to execute an agreement with Roesling Nakamura Terada (RNT) Architects for providing architectural services during construction for the District's Site Improvement Project in an amount not to exceed \$178,320.

This item will be considered later in tonight's agenda.

2. Staff provided the EC with a status report on the Site Improvement Project.
3. Staff provided the EC with a status report on the Permanent Flow Meter Installation.
4. Staff provided the EC with a wet weather flow report.

Investment & Finance Meeting Report

Presented by Director Hanson

Meeting held February 6, 2008

1. The Committee reviewed the Annual Review of the LWD Reserve Policy.

The Annual Review of the LWD Reserve Policy will be reviewed by the Board of Directors later in the agenda.

MEMORANDUM

Ref: 08-1445

DATE: February 7, 2008
TO: Board of Directors
FROM: Paul J. Bushee, General Manager 
SUBJECT: Agreement for Architectural Services during Construction for the Site Improvement Project

RECOMMENDATION:

Staff and the Engineering Committee recommend that the Board of Directors:

1. Authorize the General Manager to Execute an Agreement with Roesling Nakamura Terada (RNT) Architects for providing architectural services during construction for the District's Site Improvement Project in an amount not to exceed \$178,320.
2. Discuss and take other action as appropriate.

DISCUSSION:

This item was reviewed by the Engineering Committee at its February 4, 2008 meeting and the Committee concurred with staff to bring this recommendation forward to the Board of Directors for consideration.

On December 20, 2007 the Board of Directors awarded the construction contract for the Site Improvement Project to Jaynes Corporation of California. During the construction phase, it is crucial that an architectural firm be retained to provide architectural support services such as review of contractor submittals, issuing design clarifications, performing periodic site observations and preparing As-built drawings at the completion of the project.

As you are aware, Roesling Nakamura Terada (RNT) designed all the facilities for the Site Improvement Project. For continuity and consistency, staff believes that it is prudent for the District to retain RNT Architects during the construction phase. RNT has submitted a proposal to provide these services at a not to exceed cost of \$178,320. This amount is 2% of the \$8,750,000 construction bid price and staff believes that this it is fair and reasonable. Therefore, it is recommended that the contract for architectural services during construction be awarded to RNT. The scope of work is attached for your review.

FISCAL IMPACT:

The capital budget for the Site Improvement Project is approximately \$6.6M. This appropriation is sufficient to cover the commencement of the architectural services in the early phases of construction. However, additional funds will be needed to cover the entire cost of the contract and any contingencies. Staff will request these additional funds in the Fiscal Year 2009 Budget.

PJB

Attachment

ATTACHMENT A
SCOPE OF WORK FOR
ARCHITECTURAL SERVICES DURING CONSTRUCTION
LEUCADIA WASTEWATER DISTRICT
SITE IMPROVEMENT PROJECT

January 30, 2008

I. BACKGROUND

Architectural services during the Construction Phase and As-Built Documentation support are required for the District's Site Improvement Project. Consultant understands that the anticipated construction duration is 18 months and that the District has retained Dudek and Associates for the Construction Management of the project.

The services will include the Construction Period consultation and As-Built drawing preparation by the responsible Architectural, Structural, Mechanical, Plumbing, Electrical, Civil and Landscaping disciplines for the project. Preparation of As-Built drawings will include incorporating field changes from the Contractor's marked up set into the electronic CAD files and specification documents. The District will be provided with a full-size hard copy of the drawings and specifications, an electronic copy of the ACAD files and specification documents, and an electronic copy of the drawings in Acrobat PDF format.

II. SCOPE OF WORK

Architectural

1. Review Contractor's submittals.
2. Confer with the Contractor, CM and consultants to respond to requests for interpretation of the Contract Documents.
3. Issue Architect's clarifications to appropriately facilitate the work.
4. Attend weekly jobsite meetings and observe construction progress for compliance with the Contract Documents.
5. Perform job walk and prepare Punch List at completion of each phase of work. Perform follow up and final job walks to verify completion of the Punch List and issue Notice of Completion.
6. Prepare As-built drawings.
7. Review Operation and Maintenance Manuals submittal for the project.

Structural

1. Review Contractor's submittals for concrete, masonry, reinforcing steel and structural steel.
2. Provide periodic site observations (4) to review pier foundation excavations and rebar placement, rebar placement at foundations and cast-in-place concrete walls and structural steel erection. Provide Field Observation Report for each site visit.
3. Confer with the Architect to respond to requests for interpretation of the Contract Documents.
4. Prepare As-built drawings.

Mechanical/Electrical/Plumbing

1. Review Contractor's mechanical, electrical and plumbing submittals.
2. Make field observations (one each trade) at completion of trade contractor's rough-in and at conclusion of construction and prepare checklist of deficiencies or omissions observed. Observe and report on the performance of the Mechanical and Electrical Systems for compliance with the design.
3. Confer with the Architect to respond to requests for interpretation of the Contract Documents.
4. Prepare As-built drawings.
5. Review Operation and Maintenance Manuals submittal for the project.

Civil

1. Review Contractor's submittals for water, sewer and storm drain utilities, and site paving.
2. Provide site observations (2) at completion of rough grading and at conclusion of construction. Provide Field Observation Report for each site visit.
3. Confer with the Architect to respond to requests for interpretation of the Contract Documents.
4. Prepare As-built drawings.
5. Review Operation and Maintenance Manuals submittal for the project.

Landscaping

1. Review Contractor's submittals for irrigation and planting.
2. Attend pre-construction and orientation meeting.
3. Review mainline pressure test and irrigation coverage test.
4. Review plant material (on-site).
5. Attend Pre-maintenance walkthrough and punch list.
6. Attend initial walk with the City of Carlsbad Landscape Architect.
7. Attend post-maintenance walk through.
8. Attend post-maintenance walk through with City of Carlsbad Landscape Architect.
9. Confer with the Architect to respond to requests for interpretation of the Contract Documents.
10. Prepare As-built drawings.
11. Review Operation and Maintenance Manuals submittal for the project.

III. COST OF SERVICE

Based on the aforementioned scope of additional services, the estimated additional fee is as follows:

Construction Administration:

Architectural	101,050
Structural	13,050
Mechanical/Electrical/Plumbing	23,500
Civil	10,000
Landscaping	7,500
Total	<u>\$155,100</u>

As-Builts:

Architectural	8,220
Structural	1,500
Mechanical/Electrical/Plumbing	3,000
Civil	2,000
Landscaping	2,500
Total	<u>\$17,220</u>

Reimbursable Expenses:

An amount of \$6,000 is included to cover Reimbursable Expenses for printing and courier service costs.

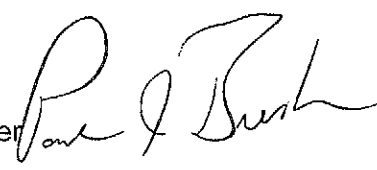
Construction Period Consultation	\$155,100
As-Builts	\$17,220
Reimbursable Expenses	\$6,000
Grand Total	<u>\$178,320</u>

Consultant acknowledges that this agreement is an hourly, not to exceed, contract billed only for actual time spent on the project.

MEMORANDUM

Ref: 08-1449

DATE: February 7, 2008
TO: Board of Directors
FROM: Paul J. Bushee, General Manager
SUBJECT: Employee Opinion Survey



RECOMMENDATION:

Staff recommends that the Board of Directors:

1. Receive and File the Employee Opinion Survey Report.
2. Discuss and take other action, as appropriate.

DISCUSSION:

During December 2007, Mr. Jeff Bills of Confidence Consulting conducted an employee opinion survey to measure the strength of Leucadia Wastewater District as it relates to employee satisfaction. Mr. Bills conducted seventeen confidential interviews that allowed each employee to respond to twelve basic questions.

Mr. Bills will brief the District employees on the results of the survey on February 13, 2008. Mr. Bills will also present the survey results to the Board of Directors at the meeting. Attached please find a brief biography of Mr. Bills for your review.

Staff recommends that the Board of Directors receive and file the Employee Opinion Survey Report.

PJB

Attachment



Jeff K. Bills

Founder and CEO
Confidence Consulting
Provo, Utah

Jeff K. Bills is a nationally recognized speaker, consultant, author, executive coach and facilitator known for his work on issues and topics related to integrity based leadership. He works with CEO's, Boards and executive leadership teams in developing leadership strategies that result in high levels of trust and organizational success.

Prior to establishing Confidence Consulting, Mr. Bills spent twenty seven years in health care administration. During that time he served ten years as President and Chief Executive Officer of Saint Mary's Health in Nevada, and seventeen years with Scripps Health, in La Jolla, California, where he was the Chief Executive at Scripps Memorial Hospital in La Jolla, the flagship hospital in the Scripps system. While leading both organizations, Jeff demonstrated the ability to build strong and effective teams and working relationships, resulting in outstanding quality and efficiencies. Both organizations were extremely successful and recognized nationally for their program quality and high levels of patient care. On two separate occasions, both Scripps and Saint Mary's received the highest employee satisfaction scores on nationally administered surveys.

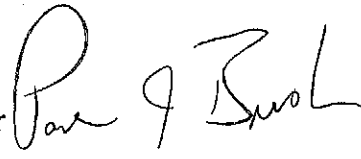
Known for his friendly demeanor, unwavering commitment to issues of integrity and high levels of performance, Mr. Bills has a broad base of knowledge in all areas of leadership, management, strategy and board relations. In 1992, he was recognized by Korn Ferry International and Modern Healthcare Magazine as one of the top twelve health care leaders in America.

Jeff was raised on the peninsula in the State of Washington, is a graduate of Brigham Young University where he played baseball, was a David O. McKay Scholar and attended the Marriott Graduate School of Management. He and his wife Leigh Ann have been married for thirty two years and reside in Provo, Utah. They have three children and two grandchildren.

MEMORANDUM

Ref: 08-1423

DATE: February 7, 2008
TO: Board of Directors
FROM: Paul J. Bushee, General Manager
SUBJECT: Annual Review of LWD Reserve Policy



RECOMMENDATION:

Staff and the Investment and Finance Committee recommend that the Board of Directors:

1. Receive and File the annual review of LWD's Reserve Policy.
2. Discuss and take other action, as appropriate.

DISCUSSION:

In February 2005, the Board of Directors (Board) adopted the Leucadia Wastewater District's (LWD) revised Reserve Policy. The Policy established two distinct reserves at LWD: 1) Restricted Reserves and 2) Unrestricted Reserves. The policy also established various designations within each type of reserve. The Policy calls for an annual review of the reserve balances. This report constitutes the subject annual review.

Last month, the Board received the Fiscal Year 2007 (FY07) Independent Financial Audit, which included the following reserve balances as of June 30, 2007:

Restricted Reserves:

Reserve Designation	Reserve Balance
Capital Improvement Reserve	\$7,284,354
Debt Service Reserve	652,884
Total	\$7,937,238

Unrestricted Reserves:

Reserve Designation	Reserve Balance
Operations Reserve	\$ 1,495,630
Debt Service Custodial Reserve	4,528,285
Replacement Reserve	25,888,709
Water Recycling Reserve	2,754,348
Emergency Reserve	7,500,000
Total	\$42,166,972

Staff will provide an overview of the FY 07 reserve activity during the Board meeting.

The Investment & Finance Committee (IFC) reviewed the Reserve Policy during a meeting on February 6, 2008. The IFC and staff are *not* recommending any changes to the existing policy. A copy of the Reserve Policy has been attached for your review.

PJB

Attachment



LEADERS IN
ENVIRONMENTAL
PROTECTION

RESERVE FUND POLICY

A. POLICY STATEMENT:

One key element of prudent financial planning is to ensure that sufficient funding is available for current operating, capital and debt service cost needs. An additional critical element of fiscal responsibility is to anticipate and prepare for future funding requirements as well as for unforeseen disasters and other unforeseen events. The Leucadia Wastewater District (LWD) will at all times strive to have sufficient funding available to meet its operating, capital, and debt service cost obligations. Reserve funds will be accumulated and maintained in a manner, which allows LWD to fund costs consistent with LWD's Long Range Wastewater Capital Plan and Long Range Financial Plan while avoiding significant rate fluctuations due to changes in cash flow requirements. LWD will also maintain an emergency reserve position that may be utilized to fund unexpected disasters or unanticipated major failures. The Board of Directors will annually review the level of reserve funds maintained.

B. DEFINITIONS:

There are two types of reserve funds:

Restricted Reserves: Restrictions on their use are imposed by an outside source such as creditors, grantors, contributors, or laws or regulations of other governments.

Unrestricted Reserves: Have no externally imposed use restriction. The use of Unrestricted Reserve funds is at the discretion of the Board of Directors. There are two categories of Unrestricted Reserves -Designated and Undesignated.

Designated Reserves: are set-aside for a specific purpose, which is, determined by the Board of Directors. Designated Reserves can be either restricted or unrestricted. The Board of Directors also has the authority to redirect the use of these reserve funds as needs of LWD change.

LWD's Long Range Financial Plan identified three general funds for LWD's reserves: Operating, Non-Operating, and Emergency Funds. This was done to identify those costs attributable to daily operations (Operating Fund), those costs that address the future needs of LWD (Non-Operating Fund), and those funds set aside to maintain an emergency reserve position (Emergency Fund).

C. LEUCADIA WASTEWATER DISTRICT RESERVES:

LWD maintains the following reserve funds:

1.0 RESTRICTED RESERVES:

Non-Operating:

a) Capital Improvement Reserve:

The purpose of the Capital Improvement Reserve is to finance future capital facilities that are expansion /growth related. These capital improvements are identified in LWD's Long Range Wastewater Capital Plan and Long Range Financial Plan which is reviewed by the Board of Directors each fiscal year. These reserve funds are accumulated in an orderly manner in conformance with State law and drawn down in a manner consistent with LWD's Long Range Financial Plan.

LWD's capacity fee takes into account the cost of the remaining system capacity to be constructed and the value of the existing system. The restricted component of the capacity fee funds the cost of constructing the remaining system capacity needs and is a source of funding for the Capital Improvement Reserve. The unrestricted component represents a system buy-in that takes into account the value of existing capacity pre-built by current users that will benefit future users, and is a source of funding for the replacement reserves described below.

b) Debt Service Reserve:

The Debt Service Reserve is governed by legal bond covenants. Bond covenants require that the Debt Service Reserve be maintained at a level sufficient to fund maximum annual debt service payments, The Debt Service Reserve funds are held by the bond trustee during the term of the bonds and are to be used in the event that LWD is unable to meet its required semi-annual debt service obligation.

2.0 UNRESTRICTED DESIGNATED RESERVES:

Operating:

a) Operating Reserve:

Since the majority of operating revenues are received periodically over the fiscal year and operating expenses are incurred uniformly over the fiscal year, an operating reserve is necessary to fund those costs attributable to daily operations. To meet daily operational needs LWD has established an Operating Reserve balance at 27% of annual operating expenses.

Non-Operating:

b) Replacement Reserve:

The Replacement Reserve provides funds for capital replacement and refurbishment of existing facilities. These capital improvements are also identified in LWD's Long Range Wastewater Capital Plan and Long Range Financial Plan. These reserve funds are accumulated in an orderly manner and drawn down in a manner consistent with LWD's Long Range Financial Plan. To avoid abrupt sewer service rate changes this reserve may be used to stabilize rates. The Replacement Reserve shall not exceed the 20-year capital replacement costs as identified in the Long Range Financial Plan.

c) Debt Service Custodian Reserve:

LWD has executed a custodian agreement with a Bank for the deposit of securities. All principal payments and interest earnings from the securities are designated for installment payments due on the 1997A Wastewater Revenue Refunding Bonds. Instructions on the use of these funds are revocable at any time by LWD.

d) Water Recycling Reserve:

The Water Recycling Reserve will fund capital improvements and replacement of water recycling facilities. This reserve will also be used to fund operating expenses in the Water Recycling Fund whenever there is a shortfall of recycled wastewater sales revenue to operating expenses. These capital improvements are identified in the Long Range Wastewater Capital Plan and the Long Range Financial Plan. The Replacement Reserve shall not exceed the 20-year capital replacement costs as identified in the Long Range Financial Plan.

Emergency:

e) Emergency Reserve:

The Emergency Reserve provides funds for emergency response for potential repair or replacement of capital facilities due to damage from a natural disaster or unanticipated major failure in a period when capital improvements funds have otherwise been purposely spent down to preset limits on planned projects. The Emergency Reserve is at the discretion of the Board of Directors and is maintained at a level of \$7,500,000, which is based on the recommendation by LWD staff and the District Engineer (Exhibit A).

D. SOURCES AND USE OF FUNDS:

RESERVE	SOURCE OF FUNDS	USE OF FUNDS	NOTES
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RESTRICTED RESERVES

Non-Operating

Capital Improvement	Capacity fees and Interest earned on reserve	Growth related capital expenditures	System buy-in portion of capacity fee transferred to Replacement Reserve
Debt Service	Originally funded by bond proceeds	Debt service if District unable to pay	As per bond covenants

UNRESTRICTED DESIGNATED RESERVES

Operating

Operating	Operating income	Wastewater Operating expenses	Reserve balance maintained at 27% of budgeted operating expenses. Excess (deficit) funds transferred to/from Replacement Reserve
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Non-Operating

Replacement	Other non-operating income, Buy-in component of Capacity Fees, Excess operating revenues, and Interest earned on reserve	Replacement related capital expenditures and rate stabilization	Limited to 20-year capital replacement costs as per Long Range Financial Plan
Debt Service Custodian	Originally funded by board action	Debt service of 1997A Phase IV bonds	Tied to 1997A Phase IV bond debt service, which will be paid off in 2014. Revocable
Water Recycling	Recycled Water sales and interest earned on reserve	Recycled Water capital improvement and replacement as well as operating expenses	Limited to 20-year capital replacement costs as per Long Range Financial Plan

Emergency

Emergency	Originally funded by board action	Emergency repair or replacement expenditures	Reserve balance maintained at \$7,500,000 level
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EXHIBIT A

Leucadia Wastewater District Discussion of Emergency Reserve Fund

Maintenance of an Emergency Reserve Fund (ERF) would provide the benefit of providing funds for emergency response for repair or replacement of capital facilities potentially necessary due to natural disaster damage or unanticipated major failure in a period when capital improvement funds have otherwise been purposely spent down to preset limits on planned projects. Separately, Capital Reserve Funds will be accumulated in a planned manner through financing, setting aside a portion of sewer service fees, or a combination of both methods, as determined by Board policy.

The amount to be recommended for maintenance in the ERF has been evaluated and discussed by Leucadia Wastewater District (LWD) staff and the District Engineer. The following table lists some pros and cons for three potential levels of ERF.

ERF Alternatives	Pros	Cons
Alternative 1: LWD maintain small ERF of \$1.0 million	<ol style="list-style-type: none"> 1) Reduces initial reliance on borrowing. 2) Would extend period of reduced rate increases. 	<ol style="list-style-type: none"> 1) Not enough reserve to respond to many reasonably possible emergency events. 2) Increased risk at point of ERF exhaustion that emergencies could not be responded to timely. 3) Reduced District liquidity and lesser financing qualifications. 4) Increased long term reliance on borrowing.
Alternative 2: LWD maintain a Moderate ERF of \$7.5 million	<ol style="list-style-type: none"> 1) Sufficient funds to adequately replace or repair two major District facilities on an emergency basis. 2) Sufficient funds to replace or repair about six or seven concurrent intermediate size facility problems at any given time. 3) Unlikely to deplete ERF in a time period that would not allow establishment of 	<ol style="list-style-type: none"> 1) Ties up \$7.5 million of funds that could be used to offset or defer rate increases. 2) May be considered as ability to pay discretionary fines in the potential event of a major wastewater spill. 3) Over time, it may be determined that the \$7.5 million amount should be decreased or increased depending on facility performance and risk tolerance.

	<p>additional financing, if necessary.</p> <p>4) Provides opportunity for investment of modest amount of about 1.5 years worth of sewer service fee collections.</p> <p>5) Provides ability to fund one to two years of typical CIP schedule projects, while additional funding is being established.</p> <p>6) Increases liquidity of District that would be considered positively by financial markets when considering other financing issues.</p>	
<p>Alternative 3: LWD maintain a Large ERF of \$15 million</p>	<p>1) Very little risk that any emergency situation would result that funds were not available for immediate response.</p>	<p>1) Maintenance of large reserves is considered by some watch dog entities as a negative attribute.</p>

Based on an analysis of the above three ERF funding alternatives above, LWD staff and the District Engineer recommend that LWD adopt Alternative 2 – LWD Maintain a Moderate ERF of \$7.5 million.

CALIFORNIA
SPECIAL
DISTRICTS
ASSOCIATION
San Diego Chapter

1986 Olivenhain Road
Encinitas, California 92024
Phone (760) 632-4644

RECEIVED

JAN 22 2008

LEUCADIA WASHIN WATER
DISTRICT

DATE: January 15, 2008
TO: CSDA - San Diego Chapter Member Agencies
FROM: Mark Muir, San Diego Chapter President
SUBJECT: CSDA San Diego Chapter Quarterly Meeting
DoubleTree Club Hotel - Solana Room
Thursday, February 21, 2008, 6:00 p.m. – 9:00 p.m.

Board of Directors

President
Mark Muir
Olivenhain MWD

First Vice-President
Gary Croucher
Otay Water District

Second Vice-President
Larry Jackman
San Miguel CFPD

Treasurer
Larry Breitfelder
Otay Water District

Secretary
Harry Ehrlich
Project Resource Specialists

Past President
Jim Doud
South Bay Irrigation District

This is to notify our membership of the CSDA, San Diego Chapter's quarterly meeting on Thursday, February 21, 2008, at the DoubleTree Club Hotel, 1515 Hotel Circle South, San Diego.

The dinner choices for this meeting are:

Chicken Teriyaki
Sliced Tri Tip of Beef with Au Jus
Pasta Primavera with Parmesan Cheese and Vegetables

The cost is \$32.00 per person. A reservation form is included with this meeting notice.

Registration deadline is Thursday, February 14, 2008♥

Once again, we look forward to all member agencies attending this very interesting and informative evening. If you have any questions or need further information, please call Sonja Holtman at (760) 632-4644.

**CALIFORNIA SPECIAL DISTRICTS ASSOCIATION
San Diego Chapter**

AGENDA

**Thursday
February 21, 2008**

**DoubleTree Club Hotel
1515 Hotel Circle South
(619) 881-6900**

6:00 p.m. - 9:00 p.m.

6:00 p.m. No-Host Cocktails

7:00 p.m. Dinner / Welcome and Introductions - Solana Room

Program:

“Perspectives on Regionalization of Fire/EMS in San Diego County” - A Panel Program to Update Special Districts

Speakers:

***Fire Chief Augie Ghio; San Miguel Consolidated Fire Protection District
Fire Chief William Metcalf; North County Fire Protection District &
Shirley Anderson, San Diego LAFCO***

We will also provide an update on pending legislation and the unfolding fiscal situation in Sacramento

9:00 p.m. Adjournment

Next meeting date: May 15, 2008

REGISTRATION FORM
CSDA QUARTERLY MEETING

Thursday
February 21, 2008

6:00 p.m. – No-Host Social Hour
7:00 p.m. - Dinner/Program

Dinner - \$32.00 -

Choice of:

1. Chicken Teriyaki
2. Sliced Tri Tip of Beef with Au Jus
3. Pasta Primavera with Parmesan Cheese & Vegetables

DoubleTree Club Hotel
1515 Hotel Circle South
Phone: (619) 881-6900

AGENCY: _____

Please make reservations as follows, circle dinner choice

Name/Title: _____ Choice: 1 2 or 3

Name/Title: _____ Choice: 1 2 or 3

Name/Title: _____ Choice: 1 2 or 3

Name/Title: _____ Choice: 1 2 or 3

Enclosed is our check for _____ reservation(s) at \$32.00 each = \$_____

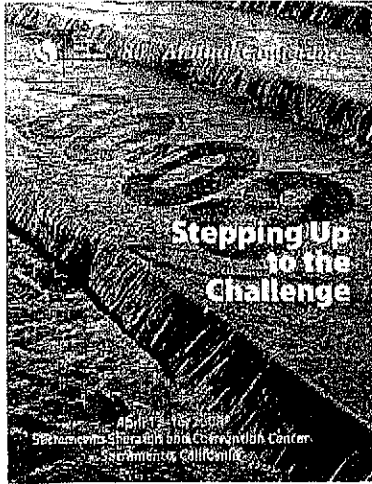
Make check payable to CSDA, San Diego Chapter

Mail to: Sonja Holtman (Phone: 760-632-4644)
Olivenhain Municipal Water District
1966 Olivenhain Road
Encinitas, CA 92024

Or Fax: (760) 753-1638

Reservations must be received by

Thursday, February 14, 2008



**CWEA AC08
Stepping Up To The Challenge!**

**AC08. Sacramento Convention Center. April
13-16, 2008. Be there!**

Mark your calendars now—CWEA is celebrating 80 years of keeping California’s water clean in 2008! To commemorate CWEA turning “80 in 08”, your conference committee has Stepped Up to the Challenge of crafting a top-notch Annual Conference. From exciting pre-conference workshops to cutting edge technical sessions to fun networking opportunities, AC08 will have it all!

Remember, the conference is Sunday – Wednesday in 2008. Come to town on Saturday, April 12 for Sacramento’s famous Second Saturday Artwalk, with live music in Mid Town, just blocks away from the Convention Center. You’ll be all set for the important pre-conference workshops starting Sunday morning, and then the Icebreaker Reception Sunday evening.

The Opening General Session will get the technical program off to a rousing start on Monday morning. This fabulous technical program will offer up to 155 presentations to meet your certification needs. Complementing these formal training sessions will be the excellent technical tours and vendor exhibits by the clean water industry’s best companies.

Come to the conference, stay for the free food! Yes, there is free food and ample networking every day, starting with the Icebreaker Reception Sunday evening. Our generous vendors will be hosting vendor receptions on Monday and Tuesday afternoons. We have added a free lunch in the exhibit hall on Tuesday to thank attendees for 80 years of CWEA support. Finally, we top it all off with an Ice Cream Social on Wednesday afternoon to celebrate CWEA’s 80th anniversary.

Don’t forget the fun! Our annual Ops Challenge, Golf Tournament, and Sludge Trudge will be back, better than ever, and will give you the opportunity to Step Up to the Challenge of some friendly competition. You’ll be able to stop by the Film Festival to see the latest gems in cinematography, CWEA-style.

Are you a student, or do you know a student? Conference registration for full-time students is **free!** We will also have a Students –Young Professionals Mixer to introduce our next generation to networking among wastewater professionals. Want to support the next generation of water environment professionals? Donate to or participate in the Silent Auction fundraiser for the Kirt Brooks Scholarship Program.

What to do when you're not attending conference training and events? Sacramento is a happening place! There's Old Town and Mid Town for strolling, shopping, and dining. There's the American River Trail for a good long run or a bike ride—all the way to the Folsom Dam if you're so inclined. There's the historic Capitol as well as more than 20 museums and ample art galleries in this major metropolis. There are great golf courses, world-renowned wineries, and abundant night life. Enjoy Sacramento!

Step Up To The Challenge at AC08! Look for your conference brochure in January, or go to www.cwea.org/conferences for the online brochure and registration. Join us in Sacramento in April!





2008 Schedule-At-A-Glance

Sunday, April 13th

	Time
CWEA Board Meeting	8:00 - 1:00 pm
Specialty Workshops (see page 6-7 for specific times)	8:30 - 4:30 pm
Golf Tournament	12:00 - 7:00 pm
Icebreaker	6:00 - 8:00 pm

Exhibits	12:00 - 6:30 pm
SAC Regional WWTP Tour	1:00 - 5:00 pm
Technical Sessions 21 - 30	1:30 - 4:20 pm
Ops Challenge	2:00 - 5:00 pm
Sludge Trudge	4:00 pm
Biosolids Committee	4:30 - 5:30 pm

Monday, April 14th

	Time
Opening Session & 5S Induction	8:30 - 11:45am
Students & Young Professionals Mixer	12:00 - 1:30 pm
Business Lunch	12:00 - 1:30 pm
Technical Sessions 1 - 10	1:30 - 4:20pm
Gladding McBean Tour	1:30 - 5:00 pm
SRC/NRC Meeting	1:30 - 4:30 pm
Operations Challenge	1:30 - 4:30 pm
Process Control Meeting	
Exhibits	2:00 - 7:00 pm
TCP Committee	4:00 - 5:00 pm

Wednesday, April 16th

	Time
Breakfast Meetings	7:00 - 8:30 am
Roseville Pleasant Grove WWTP Tour	8:00 - 12:00 pm
Technical Sessions 31 - 40	8:00 - 11:50 am
Safety Committee	9:00 - 11:00 am
History Committee	9:00 - 10:00 am
Past Presidents Committee	9:00 - 11:00 am
Training Coordination Committee Meeting	10:30 - 11:30 am
Awards Lunch	12:00 - 1:30 pm
Technical Sessions 41 - 50	1:30 - 4:30 pm
Ice Cream Social 2008 (New!)	PM Break (3:20 pm)
Banquet Reception & Dinner	6:00 - 11:00 pm

Tuesday, April 15th

	Time
Breakfast Meetings	7:00 - 8:30 am
SRCSD Pump Station Tour	8:00 - 12:00 pm
Technical Sessions 11 - 20	8:00 - 11:50 am
Complimentary Lunch in Exhibit Hall	12:00 - 1:30 pm

Thursday, April 17th

	Time
CWEA Board Meeting	9:00 - 3:00 pm

Be a Conference Sponsor!

If you'd like to contribute to the Conference success by supporting some outstanding events, and you'd like to give attendees an easy way to learn a little about you and your projects - perhaps your company should be a Conference sponsor.

Sponsorships are available at several levels, each of which supports key activities and provides your company with attention-getting visibility.

For details go to www.cwea.org/conferences for your sponsorship letter or call Diane Hinson at 510-287-1536 or Marci Chase at 510-382-7800

STEPPING UP TO
THE CHALLENGE

Technical Sessions



About Your Training Contact Hours

Sunday, April 13, 2008 6 Specialty Workshops totaling (36) hours

Monday, April 14, 2008 Opening session with 3.1 contact hours, 10 Technical Sessions totaling 30 contact hours, and 1 Technical Tour totaling 4.8 contact hours.

Tuesday, April 15, 2008 20 Technical Sessions totaling 63 contact hours, 2 Technical Tours totaling 9.6 contact hours.

Wednesday, April 16, 2008 20 Technical Sessions totaling 65 contact hours, 1 Technical Tour totaling 4.8 contact hours.

There is 1 Opening Session, 50 Technical Sessions, 6 Pre-Conference Workshops and 4 Technical Tours totaling 216.3 hours of education. An individual can earn up to 34.9 contact hours. CWEA is working with the State Water Resources Control Board to determine how many Continuing Education Unit points are available.

Monday, April 14, 1:30 to 4:20 PM

SESSION 1

Operator Training: Preparedness and Succession Planning

Session Chair and Moderator: Ed Mann, Novato Sanitary District

A1. Training the Next Generation of Operators

James Dix, Richard Gilliam, and Jason Sinkler, Monterey Regional Water Pollution Control Agency

A2. Information, Involvement, Internet: The Three I's of Writing a Useful O&M Manual

Lyn Gomes, Carollo Engineers

B. A Wastewater Training System

James McPherson, Union Sanitary District

C. Emergency Equipment Preparation

Ed Dunn, Precision Systems

SESSION 2

Engineering Design – Plant Process & Operations

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Randy Fiorucci, Black & Veatch

A1. Removal of Heavy Metals from Sewage Sludge Incinerator Wet Scrubber Drainage Using Commercially Available Rental Treatment Systems

Craig Mizutani,
Central Contra Costa Sanitary District

A2. Fast-track Delivery Analysis for a Wastewater Treatment Plant Expansion

Han Kang, Carollo Engineers

B. Optimizing Headworks Design By Addressing Project Schedule Constraints

Raluca Constantinescu, Anne Kernkamp, and Maria Pang, CH2M HILL

C1. The Testing of Grit Systems - Understanding Fact and Fiction

Christine de Barbadiillo, Black & Veatch

C2. Flow Splitting Optimization using CFD Modeling

Edward Wicklein, Beverly Kildare, and Rick Chan, Carollo Engineers

SESSION 3

Engineering Design - Reclamation & Reuse

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Rick Chan, Carollo Engineers

A1. Design and Management Practices to Minimize Nuisance Algae in Recycled Water Storage Reservoirs

Ron Crites, Brown and Caldwell

A2. Evaluation and Comparison of Screening Technologies to Remove Fruit Labels Prior to Recycle Filtration

Kathy Marks, Carollo Engineers

B1. Stanford University: Water Reclamation at "The Farm"

Curtis Lam, HydroScience Engineers, Inc.

B2. Advanced Recycled Water Treatment - An Effective Long Term Strategy for Two Agencies

Sanjay Reddy, Black & Veatch



Technical Sessions

C1. Pasteurization of Reclaimed Water-Certification and Use of a Sustainable Disinfection Technology

Andrew Salvesson, Carollo Engineers

Greg Ryan, Ryan Pasteurization and Power

C2. AWTP Addresses Water Shortage Issue in Australia

Cindy Wallis-Lage, Black & Veatch

Denny Parker, Brown and Caldwell

Alternate: Purple Water Flows - Lessons Learned from Installing a Recycled Water Distribution System

Greg Cummings, Kennedy/Jenks Consultants

SESSION 4

Engineering & Research – Biosolids Treatment & Management

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Pavitra Prabhakar, Carollo Engineers

A1. Advances in Dewatering Technologies: Evaluation of High Solids BFP as Compared to Centrifuge Technologies

Abu-Orf M. Mohammad, Metcalf & Eddy

A2. Full Scale Pilot Testing of Innovative Belt Filter Press Technology: The Fresno Experience

Matt Stucky and Steve Swanback,

Carollo Engineers

Rick Staggs, City of Fresno

B1. The Addition of Chemicals to Biosolids Prior to Centrifuge Dewatering to Reduce Odor Generation

Robert Morton and Jim Barry,

Los Angeles County Sanitation Districts

B2. Taking Steps Towards Sustainable Fats, Oils and Grease (FOG) Management

Ken Fonda, Brown and Caldwell

Bob Adamson,

Central Marin Sanitation Agency

C. Controlling Mercury Emissions from a Multiple Hearth Sewage Sludge Incinerator Exhaust Using Dry Powder

Craig Mizutani,

Central Contra Costa Sanitary District

SESSION 5

Pretreatment, Pollution Prevention & Stormwater

Session Chair: Norman Domingo, South Bayside System Authority

Moderator: Jack Betourne, City of Davis

A. Construction Site Stormwater Workshop

Scott Taylor, RBF Consulting

B. Construction Site Stormwater Workshop - Continued

Scott Taylor, RBF Consulting

C. Saving Nemo: Utilizing a Cooling Tower to Prevent Effluent Thermal Pollution

Lyn Gomes, Carollo Engineers

SESSION 6

Public Education

Session Chair and Moderator: Catherine Allin, City of Millbrae

A1. Social Marketing-How does it Translate into a Winning Outreach Campaign?

Lois Humphreys, TRG & Associates

A2. And the Winner Is... Recognition Through Awards Programs

Dianné Lee, West Yost Associates

B1. Helping Wastewater Professionals See the Big Picture

Kevin Hardy, Encina Wastewater Authority

B2. Communicating Service Levels-The Importance of Customer Involvement and Employee Buy-in

Claudia Goss,

Sacramento Regional County

Sanitation District

C. Enhancements Lead to an Effective Sewer Science Program

Lynna Grijalva and

Kumudini Dharmawardana, City of Livermore

SESSION 7

Safety

Session Chair: Sibely Calles, City of Modesto

Moderator: Rod McKinney, Truckee Sanitation District

A. Rewards and Challenges of Participating in Cal OSHA's Voluntary Protection Program

Chris Dembiczak,

East Bay Municipal Utility District

B. Heat Illness-Indoor and Outdoor

Carl Elofson,

Joshua Casey Corporate Training

C. Why Nobody Likes Safety Training

Tim Page-Bottorff,

Joshua Casey Corporate Training

STEPPING UP TO
THE CHALLENGE

Technical Sessions



SESSION 8

Student Papers

Session Chair and Moderator: Uday Khambhammettu, Metcalf & Eddy | Aecom

A. Lipid Productivity of Mixed Algae Cultures Grown on Dairy Wastewater

Ian Woertz, Cal Poly, San Luis Obispo

B1. Removing Pond Suspended Solids Without Chemical Coagulation

Daniel Frost, Cal Poly, San Luis Obispo

B2. Water Resources Institute Science-based Learning Internship Program: A CSUSB Success Story

Lisa A. Pierce, CSU San Bernardino

C. Effect of Integration Step Size on Numerical Simulation of Sequencing Batch Reactors

Lale Guven, San Jose State University

SESSION 9

Laboratory

Session Chair: Barbara Santos, City of Simi Valley

Moderator: Bill Ray, State Water Resources Control Board

A. Nocardia, A Biologist's Perspective

Victor Santa Cruz,
Inland Empire Utilities Agency

B. Microthrix, The Next Scourge?

Victor Santa Cruz,
Inland Empire Utilities Agency

C. Immunological and Genetic Assays

Victor Santa Cruz,
Inland Empire Utilities Agency

SESSION 10

Collection Systems

Session Chair: Lenny Rather, Oro Loma Sanitary District

Moderator: Bruce Corwin, CDM

A. Collections System by the Numbers

John Larson, Larson Consulting

B. Development and Implementation of a Sustainable SSMP

Art O'Brien, City of Roseville

C. Digital Visual Sidewall Scanning (DVSS) Technology-Pipeline Inspection

Mike Russin,
Advanced Infrastructure Technologies
and Envirosight, LLC

**Tuesday, April 15, 2008
8:00 to 11:50 AM**

SESSION 11

Maintenance Training – Energy Solutions

Session Chair and Moderator: Roy Reynolds, Orange County Sanitation District

A. Maintenance Breakfast

B. Maintenance Task Analysis (RCM LITE)

Bob Bell, Orange County Sanitation District

C. Maintenance Key Performance Indicators – If You Measure It, You Will Know

Bob Bell, Orange County Sanitation District

D. Implementation of Predictive Maintenance Program in Orange County Sanitation District:

Stage 1 – Vibration Monitoring & Analysis

Santiago Escobar,
Orange County Sanitation District

SESSION 12

Operator Training – Process Operations, Troubleshooting and Decision Support

Session Chair and Moderator: Ed Mann, Novato Sanitary District

A. Operations Breakfast

B1. Make Your Hydraulic Model Come Alive with Graphical Interactivity

Tony J. Park, Carollo Engineers
Raffi Moughamian,
Central Contra Costa Sanitary District

B2. Successful Integration of 360 MGD Effluent Pump Station into OCSD's Ocean Outfall System

Jonathan Hay, Black & Veatch
Umesh Murthy,
Orange County Sanitation District
Jim Clark, Black & Veatch

C1. Experience with Biological Odor Control at the Southeast WWTP in San Francisco

Nohemy Revilla,
San Francisco Public Utilities Commission

C2. Challenges of Treating Low Alkalinity Wastewater with a High Rate Clarification Process

Albert Velasco and Domènec Jolis,
San Francisco Public Utilities Commission



Technical Sessions

D1. Where is the E. coli? Recycled Water Coliform and Pathogens.

Robert B. Holden,
James Heitzman, Patrice Parsons, and
Tom J. Kouretas,
Monterey Regional Water Pollution
Control Agency

D2. Optimization of MBR Operation at the City of Redlands:

Coenraad Pretorius, Todd Sheldon, and
Graham Juby, Carollo Engineers

SESSION 13

Engineering Design – Wastewater Treatment 1

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Justyna Kempa-Teper, Kennedy/
Jenks Consultants

A. Engineering & Research Breakfast

B1. The Challenge of Grit Removal - The City of Los Angeles Hyperion Treatment Plant's Experience

Pei-Chin Low, MWH Americas, Inc.
Jerry Hernandez,
City of Los Angeles, Department of
Public Works

B2. Increasing the Capacity of a Five-Stage Bardenpho Plant Without Interrupting Plant Operation - Installation and Operation

Rajesh Doppalapudi and Rick Doeve,
Carollo Engineers
John Jannone,
Eastern Municipal Water District

C1. Fitting a Round Peg in a Square Hole: Converting a Square Secondary Clarifier to a Circular Clarifier

Priya Sathyanarayan and Dana Rippon,
CH2M HILL
Tim Grillo, Union Sanitary District

C2. Sequencing Batch Reactors - Design Considerations for Simultaneous Nitrifications & Denitrification

Vamsi Seeta, Parsons Corporation

D1. Selection of On-Site Wastewater Treatment System for Water Reuse

Onder Caliskaner and Brian Davis,
Kennedy/Jenks Consultants

D2. Brine Treatment Alternatives for the New 6 MGD Electrodialysis Reversal (EDR) Plant at Fort Irwin, California

Maryam Alborzfar,
CH2M HILL

SESSION 14

Engineering Design – Sustainable & Green Design

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Thomas Hendrey, Whitley Burchett
& Associates

A. Sustained Wastewater Treatment Plant Design-Principles and Practices

Stephen Tarallo, Black & Veatch

B. Wind Power Generation 101

Jim Schettler, Brown and Caldwell

C. Fuel Cells - The Ultimate Green Energy Source

Tom Mossinger and Doug Lanning,
Carollo Engineers
Jalal Ahmadpour,
Eastern Municipal Water District

D. The Cleanest, Most Efficient Cogeneration Technology for Digester Gas

Sarwan Wason and Penny Carlo,
Carollo Engineers
Lew Nelson, City of Tulare

SESSION 15

Engineering and Research – Wastewater Treatment 1

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Michael Selna, Los Angeles County
Sanitation District

A1. What the Textbooks Don't Teach You about Extended Aeration

Paul Friedlander,
Whitley Burchett & Associates

A2. Maximizing Nitrogen Removal at the Valencia Water Reclamation Plant

Jeff Weiss,
Los Angeles County Sanitation Districts

B1. A New Process for Denitrification to Low Nitrogen Levels - Results from a Membrane Biofilm Reactor Pilot Study

Shane R. Trussell, Trussell Technologies, Inc.

B2. Pilot Testing of Denitrification Filters at the City of Auburn WWTP

Dan Rich, NEXGEN Utility Management

C. Meeting Secondary Treatment Criteria with Active Biosolids Enhanced High Rate Clarification

Ed Fernbach, CDM

Technical Sessions



D1. Surprise: Comparative Results on Metal Uptake From Pilot Filter Tests

Greg Humm, West Yost Associates

D2. Determining Cycle Times for Sequencing Batch Reactors

Nitin Verma and Coenraad Pretorius,
Carollo Engineers

SESSION 16

Pretreatment, Pollution Prevention & Storm-water

Moderator: Norman Domingo, South Bayside System Authority

The FOG Challenge (panel discussion)

Regulatory Perspective:

Ken Greenberg, USEPA

FOG Program Development:

Mark Kawamoto,
Orange County Sanitation District

Collection System Issues:

Gail Chesler,
Central Contra Costa Sanitary District

Large Agency FOG Program Implementation:

Trish Maguire,
East Bay Municipal Utility District

Small Agency FOG Program Implementation:

Steve Aguiar, City of Livermore

FOG Outreach and Education:

Linda Dorn,
Sacramento Regional County Sanitation District

SESSION 17

Public Education

Session Chair and Moderator: Catherine Allin, City of Millbrae

A. Public Education Breakfast

B. Capturing the Corn Without Disgusting Your Audience: How to Make Wastewater Treatment Sound Interesting

Lyn Gomes, Carollo Engineers

C. Don't Reinvent the Wheel: Beg, Borrow & Steal from Award Winners - Part I

Catherine Allin, City of Millbrae

D. Don't Reinvent the Wheel: Beg, Borrow & Steal from Award Winners - Part II

Catherine Allin, City of Millbrae

SESSION 18

Safety

Session Chair: Sibely Calles, City of Modesto

Moderator: Maria Sandoval, Monterey Regional Water Pollution Control Agency

A. On-Line Safety Resources for the Wastewater Industry

David Patzer, Online Risk Solutions, LLC

B. Crane Regulations Update

Chris Smith, Crane and Lift Equipment

C. Violence in the Workplace

Maria Sandoval,
Monterey Regional Water Pollution Control Agency

D. Confined Space Rescue at a Wastewater Treatment Plant

William Toci, City of Burlingame WWTF

SESSION 19

Laboratory

Session Chair: Barbara Santos, City of Simi Valley

Moderator: Tony Pirondini, City of Vacaville

A. Lab Breakfast

B. Is There Permit Relief for Cyanide: Potential Impact of Recent Studies on Complying with Permit Limitations

Tony Pirondini, City of Vacaville

C. The ABCs of TRES and TIES

Stephen Clark, Pacific EcoRisk

D. Biosafety in the Environmental Laboratory

Richard Danielson, BioVir Laboratories

SESSION 20

Collection Systems

Session Chair: Lenny Rather, Oro Loma Sanitary District

Moderator: Tom Edwards, Duke's Root Control

A. Collections Breakfast

B. The City of Los Angeles Sewer System Management Plan (SSMP): An Advanced Infrastructure Asset Management Program

Farsheed Farhang, City of Los Angeles

C1. Creeks and Pipes: Why Can't They Just Get Along?

John Goodwin, West Yost Associates

Sami Ghossain, Union Sanitary District



Technical Sessions

C2. "The Sharks Smell Blood (SSOs)". What We Did When the Lawyers and EPA Came Fishing
Phil Scott, City of Ceres

D. Why Did the Chicken Cross Interstate 80 and Other Stories of Guided Auger Boring
Glenn Hermanson,
RMC Water & Environment

**Tuesday, April 15, 2008
1:30 to 4:20 PM**

SESSION 21

Maintenance Training – Maintenance Management Systems and Approaches

Session Chair and Moderator: Roy Reynolds,
Orange County Sanitation District

A. Fuel Cells - Basics, Emissions and Economics
Richard Konieczka, Logan Energy

B. Putting Solar Where the Sun Don't Shine
Richard Konieczka, Logan Energy

C. Power Quality Solutions
Nathan Judd, Eaton Corp.

SESSION 22

Operator Training – Activated Sludge

Session Chair and Moderator: Ed Mann, Novato Sanitary District

A. Hydraulic Impact on Activated Sludge Quality and Sedimentation
Brad Musick, Kennedy/Jenks Consultants

B1. A Tale of Two Filaments
Neil Massart, Black & Veatch

B2. Fine-Bubble Diffuser Fouling In Nitrification Service
A Case Study In Los Angeles
Slavica Dedovic-Hammond,
Montgomery Watson Harza
Michael Bell,
City of Los Angeles, Bureau of Sanitation

C. Nitrification Toxicity Evaluation Using Bench-Scale Testing
Brad Musick, Kennedy/Jenks Consultants

SESSION 23

Engineering Design – MBR & Membrane

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Shane Trussell, Trussell Technologies, Inc.

A. Advances in Membrane Systems for Water Reclamation
Dhiru Patel, Lee & Ro

B1. Integrated Design for a Membrane Bioreactor Facility
Nicolas Cooper, Metcalf & Eddy

B2. Unique Procurement and Design for the City of Healdsburg's MBR/Cannibal® Treatment Plant
Craig Olson, HDR, Inc.

C1. Large MBR Procurement
Justyna Teper and Val Frenkel,
Kennedy/Jenks Consultants

C2. "The Devil is in the Terms and Conditions - Procuring Membranes for Reclamation"
Kenneth Abraham, Black & Veatch

Alternate: Innovative Energy Saving Strategies to Optimize MBR System for Fillmore WRF
Prudence Cheung, Jason Diamond, and
Jamie Peterson,
GE Water & Process Technologies

SESSION 24

Engineering Design – Project Management

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Alan Wong, Metcalf & Eddy

A1. Program Implementation with Focused Core Team Development
Jim Devlin and Jerry Kipp, CH2M HILL

Bill Davis, Black & Veatch

Dave Evans, CWC

A2. Construction Cost Escalation Calculation Module
Jerry Dehn, CH2M HILL

B1. Special Equipment Procurement: You Can Always Get What You Want... Usually
Dennis Gellerman,
RMC Water and Environment

B2. More, More, More-Pump Station Improvements
Add Capacity and More
Patrick Fuss, West Yost Associates
Ali Gharegozloo and Antonio Tovar,
City of Stockton

C. Secondary Process Selection for Rancho California Water District

Nitin Verma, Coenraad Pretorius, and
Graham Juby, Carollo Engineers

Andy Webster, Rancho California Water District

STEPPING UP TO
THE CHALLENGE

Technical Sessions



SESSION 25

Engineering Research – Disinfection

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Carlos De Leon, Black & Veatch

A1. Utilizing Computational Fluid Dynamics (CFD) to Evaluate Flow in a Serpentine Chlorine Contact Basin

Thomas Molls, Chris van Lienden,
Nichole Baker, and Marilyn Bailey,
RMC Water and Environment

A2. Virus Inactivation with Sequentially Applied Free Chlorine and Chloramines

Chi-Chung Tang and Shiao-Sy Huitric,
Los Angeles County Sanitation Districts

B1. Combining UV and Chlorine for the Disinfection of Reclaimed Effluents

Naoko Munakata,
Los Angeles County Sanitation Districts

B2. The Certification and Use of Ozone for Reclaimed Water Disinfection

Cari Ishida and Andrew Salvesson,
Carollo Engineers

Keel Robinson, Applied Process Technology
Robert Cooper, BioVir Laboratories

C1. Evaluation of Chlorination Disinfection Requirements for Membrane Bioreactor Permeate

Bruce Mansell,
Los Angeles County Sanitation Districts

C2. Advanced Treatment for Nanopollutants

Gary Hunter, Black & Veatch

SESSION 26

Pretreatment, Pollution Prevention, & Stormwater

Session Chair: Norman Domingo, South Bayside System Authority

Moderator: Michael Li, South Bayside System Authority

A. Bringing Food Service Establishments into Compliance

Ryan Harrison, City of Palo Alto

B1. Sanitary Sewer Management Plans - The Hands-on Approach to Success

David Balgobin, Kennedy/Jenks Consultants

B2. Using Customer Surveys To Develop And Implement Initiatives To Improve City of Los Angeles' Pre-

treatment Program And Transform Relationships With Its Customers

Ronald Mayuyu, City of Los Angeles

C. Inefficiency and What You Can Learn from It.

Kristofer Zanardelli, City of Roseville

SESSION 27

Government Affairs

Session Chair: Nichole Baker, RMC Water and Environment

Moderator: Jim Clark, Black & Veatch

A1. Intergovernmental Interaction in the Development of a Recycling Project.

Harold Bailey, RMC Water and Environment

A2. From the Other Side of the Table, An Elected Official's View

Layne T. Baroldi,
Orange County Sanitation District

B. The Global Warming Solutions Act and its Impact on Wastewater Treatment Plants

Stephanie Cheng, CH2M HILL

C. Regional Water Quality Control Board's Perspective on Current and Upcoming Regulations

Pamela Creedon,
California Regional Water Quality Control Board – Central Valley Region

SESSION 28

Super Group

Session Chair: Jim Heitzman, Marina Coast Water District

Moderator: Paula Riso, Marina Coast Water District

A1. Managing Your Career

Jim Heitzman, Marina Coast Water District

A2. Getting Your Electeds and Staff on Board – A Compelling Case for Asset Management

Pervaiz Anwar, Brown & Caldwell

B1. Basics of a Business Case Evaluation

Jay Cha,
Sacramento Regional County Sanitation District

B2. How to Establish Rates

Lindsay Synstebly,
Monterey Regional Water Pollution Control Agency



Technical Sessions

C. Sustainability – It's the Latest Buzz Word, but What Does It Mean for Your Agency?

Peter Kristenmacher,
RMC Water and Environment

SESSION 29 Biosolids

Session Chair: Jonathan Hay, Black and Veatch

Moderator: Bob Gillette, Carollo Engineers

A1. Optimizing Solids Processes

Peter Brady, Alpine Technology Inc.

A2. Drying with Manure Digester Gas

Todd Jordan, Carollo Engineers

B1. San Francisco's EMS Program – Shining a Light in the Dark Corners of the Plant

Natalie Sierra,
San Francisco Public Utilities Commission

B2. Application of Numerical Methods to Design of a Wind Attenuation Scheme for a Biosolids Composting Facility in Kings County, California

Wendy Wert,
Los Angeles County Sanitary Districts

C. Fuels Cells: The Talk of the Town, But How Do They Work and Why Would You Use One?

Thomas Hendrey,
Whitley Burchett & Associates

SESSION 30 Collection Systems

Session Chair: Lenny Rather, Oro Loma Sanitary District

Moderator: Jody Allen, South Placer Municipal Utility District

A1. Planning and Implementing a Flow Monitoring System

Kimberly Maker, City of Santa Rosa

A2. Gated Cross Correlation Velocity-A Breakthrough Technology for Wastewater Flow Management

Paul Mitchell,
Central Contra Costa Sanitary District

B. Lift Station Performance Evaluation & Flow Monitoring for the City of Bend, OR

Kevin Krajewski, V&A Consulting Engineers

C. Protective Coatings & Linings For Brick and Concrete Structures

Rocky Capehart, Raven Linings Systems

**Wednesday, April 16, 2008
8:00 to 11:50 AM**

SESSION 31

Maintenance Training - Mechanical Maintenance

Session Chair and Moderator: Roy Reynolds, Orange County Sanitation District

A. Handling, Mounting and Lubrication of Anti-Friction Bearings

Gary Schepker, NTN Bearing Corp.

B. Belt Filter Press: Maintenance, Operation and Process - Part I

Paul Bland, Ashbrook Simon-Hartley

C. Belt Filter Press: Maintenance, Operation and Process - Part II

Paul Bland, Ashbrook Simon-Hartley

D. Membrane Maintenance and Repair

Dan Dunsford and Josh Brown,
HydroScience Operations, Inc

SESSION 32

Operator Training - Engineering and Operations for Energy Optimization and Conservation

Session Chair and Moderator: Ed Mann, Novato Sanitary District

A. Using Renewable Energy in the California Wastewater Industry

Richard O'Connell, and Bret Harper,
Black & Veatch

B. Measures and Means to Reducing Energy Cost in Treatment

Nathan Judd, Eaton Corp

C1. Creating Biodiesel Out of FOG

Olof Hansen, U.S. EPA Region 9

C2. From Bacterial Genomes to Energy Conservation at Wastewater Treatment Plants

Amber M. Boone,
Santa Margarita Water District

Dr. Betty Olson, University of California, Irvine

Wade Specht, Santa Margarita Water District

D. Energy Savings Through Process Optimization

Alex Ekster, Ekster and Associates

Technical Sessions



SESSION 33

Engineering Design – Wastewater Treatment 2

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Toby Weissert, Carollo Engineers

A. Engineering & Research Breakfast

B1. Gaining Secondary Clarifier Capacity Using State of the Art Tools

Rion Merlo, Brown and Caldwell

B2. Do We Just Keep on Building Bigger and Bigger Clarifiers?

Coenraad Pretorius, Carollo Engineers

C1. Sacramento Regional County Sanitation District Water Reclamation Facility Phase II Expansion

Sanjay Reddy, Black & Veatch

C2. Oxidation Ditch-Membrane Bio Reactor Combination Saves Time and Money for the City of Modesto

Michael Britten, Doug Wing and Allan Briggs, Carollo Engineers

Jennifer Pratt, City of Modesto

D. Membrane Bioreactor Treatment Plant Expansion: Increasing Capacity, Reliability, and Flexibility at a Very Constrained Site

Bill Slenter, James Jetton, and Byron Nishimura, HydroScience Engineers, Inc.

Alternate. Achieving Optimum Conditions of Secondary Effluent Filtration for Water Reuse

Onder Caliskaner, Kennedy/Jenks Consultants

Alternate. Compressible Medium Filter for 10 MGD Title 22 Waste Water Treatment Plant in California

Onder Caliskaner, Kennedy/Jenks Consultants

SESSION 34

Engineering Design – Stormwater, Watershed Management & Regulations

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Kevin Jim, Black & Veatch

A. Engineering & Research Breakfast

B1. The City of Santa Monica's Westside Water Quality Treatment Project

Lawrence Magura, Black & Veatch

Neal Shapiro, City of Santa Monica

Andrew Stanton, Black & Veatch

B2. Stormwater Lift Station: A Tale of Three Cities

David Ehert, Romtec Utilities

C1. Retrofitting Urban Watersheds-Basin Planning for Stormwater Management

Rosey Jencks, San Francisco Public Utilities Commission

C2. Regulatory Compliance-The "Three Pronged" Approach

Kathryn Gies, West Yost Associates

D1. The Three Wetlands and other BMPs Treating Stormwater at Chino Creek Wetlands and Educational Park

Eliza Jane Whitman, Parsons Water and Infrastructure Inc.

Martha Davis and Wyatt Troxel, IEUA

Jacob Hester, Willdan

D2. How a LEED Platinum Building Is Cleaning Up Inland Empire Urban Runoff

Eliza Jane Whitman, Parsons Water and Infrastructure Inc.

Allison Rodieck, Malcolm Pirnie

Neil Clifton, Jamal Zughbi and Martha Davis, IEUA

SESSION 35

Engineering and Research – Wastewater Treatment 2

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Dave Bachtel, Los Angeles County Sanitation Districts

A. Engineering & Research Breakfast

B1. Is it PAO-GAO Competition or Metabolic Shift in EBPR System? Evidence from an Experimental Study

Ufuk Erdal, CH2M HILL

B2. Is Your Effluent Toxicity Coming From Your Sampling System?

Mitch Maidrand, Sacramento Regional WWTP

Cameron Irvine, CH2M HILL

C. WRF 02-002 - Innovative Reclaimed Water Treatment Technologies

Kaumudi Atapattu, Carollo Engineers

Karl Linden, Duke University

Andrew Salvesson, Carollo Engineers

Jeff Bandy, Duke University

D. Stepping up to the Challenge of Secondary Effluent Limits during Wet Weather

Jim Fitzpatrick, Black & Veatch



Technical Sessions

Alternate. Save the Lake...Freeze the Ground...
Tim Taylor, Auerbach Engineering Corporation
Matt Homojka, Tahoe City Public Utility District

SESSION 36

Pretreatment, Pollution Prevention, and Stormwater

Session Chair: Norman Domingo, South Bayside System Authority

Moderator: Melody LaBella, Central Contra Costa Sanitary District

A. P3S Breakfast

B1. Success of Dental Amalgam Programs in the Bay Area
Karin North, City of Palo Alto

B2. Environmental Impact of Alkylphenol Ethoxylates (APEs): A Literature Review
Jessie Denver, City of San Jose

C1. Benefits of Regional Approaches for Wastewater Pollution Prevention
Melody LaBella,
Central Contra Costa Sanitary District

C2. Engaging Industry for Pollution Prevention and Sustainability
Philip Lo,
Los Angeles County Sanitary Districts

D1. Operational Strategies and Treatment Methods for Endocrine Disrupting Chemicals and Pharmaceutically Active Compounds
Ufuk G. Erdal, CH2M HILL

D2. Pharmaceutical Collection Programs: from Local to Regional to Statewide?
Jennifer Jackson,
East Bay Municipal Utility District

SESSION 37

Government Affairs

Session Chair: Nichole Baker,
RMC Water & Environment

Moderator: Chandra Johannesson,
City of Riverside

A. Proactive Approach to Collection System Asset Management Practices in Southern California
Luis León, CDM

B1. Orange County Sanitation District Real Life Work Experience in Using CIWQS
Dindo Carrillo,
Orange County Sanitation District

B2. Stepping Up to a New Challenge in NPDES Permitting - Dioxin and Dioxin-like Compounds
Thomas R. Grovhoug, Larry Walker Associates

C1. Antidegradation Analysis and Plant Expansions
Michael Bryan, Robertson-Bryan, Inc.

C2. A National Overview of Regulatory and Legislative Issues
Bob Mathews, CDM, WEF GAC

D. Update on California's Water, Air and Land Regulatory Issues from TriTAC
Arleen Navarret,
San Francisco Public Utilities Commission

SESSION 38

Super Group

Session Chair: Jim Heitzman,
Marina Coast Water District

Moderator: Paula Riso,
Marina Coast Water District

A. Super Group Breakfast

B1. How to Apply or Avoid Progressive Discipline
Jim Heitzman, Marina Coast Water District

B2. Safety Pays
Maria Sandoval,
Monterey Regional Water Pollution Control Agency

C1. Crisis Management
Jim Heitzman, Marina Coast Water District

C2. Rapid Response: Remediation and Clearance Testing after Wastewater Intrusion into Indoor Environments
Jennifer Block, Block Environmental Services

D1. Mitigation Benefit-Based Project Alternative Development - Defining Viable Wastewater Systems
Karl W. Hadler, Carollo Engineers

D2. Innovative Ways to Promote Reuse While Battling Financial Infeasibility
Tracy Clinton, Carollo Engineers

Technical Sessions



SESSION 39

Biosolids

Session Chair and Moderator: Jonathon Hay, Black & Veatch

A1. Current Approaches for Drying of Municipal Sludge in a Fluidized Bed

Jon Orr, Schwing Bioset Inc

A2. Business Case Evaluation for Sacramento's Biosolids Handling Program

Steve H. Ramberg,

Sacramento Regional County Sanitation District -

B. EWA Implements Innovative Management Plan for Biosolids Pellets from Its New Heat Drying Facility

Michael Hogan, Encina WW Authority

C. Economics of Fluidized Bed Incineration of Sludges

Ky Dangtran, Infilco-Degremont Technologies

D1. Evaluation of Full-Scale Performance at North America's Largest Municipal Wastewater Screw Press Facility

Kevin Kennedy, HDR Inc.

D2. Is Two-Phase Digestion Right for You?

Becky Daugherty, Carollo Engineers

SESSION 40

Collection Systems

Session Chair: Lenny Rather,

Oro Loma Sanitary District

Moderator: Eric Sundale, Truckee Sanitary District

A. Elimination of Sewer Overflows Using a Continuous Real-Time Monitoring System

Rick Carver, City of Hawthorne

B. Pipe Bursting/Reaming Asbestos Cement Pipelines

Kent Von Aspern, Carollo Engineers

C. FOG/ 8 years later.

Ralph Palomares, El Toro Water District

D1. A Different View of FOG

Jeff Carson, Oro Loma Sanitary District

D2. The Epoxy at the End of a Tunnel

Raffi J. Moughamian, Central Contra Costa Sanitary District

**Wednesday, April 16, 2008
1:30 to 4:30 PM**

SESSION 41

Maintenance Training – Maintenance of Collections Systems and Approaches

Session Chair and Moderator: Roy Reynolds, Orange County Sanitation District

A. Force Main Condition Assessment by Physical Evaluation

Glenn H. Willson and Bryan H. Hughes, V&A Consulting Engineers

B1. Integrating Pipeline Corrosion Data with Web Based GIS

Bill Clement, Andrew Antkowiak, and Carl Von Stetten,

Central Contra Costa Sanitary District

B2. Wastewater Collection System Risk: How Are You Managing It?

S. Colin Chung, and Mathew Oakey, GHD Inc.

Doug Kanis, Orange County Sanitation District

Aaron Witt, Johnson County Wastewater

C. Polyethylene Delivers: Margin of Safety, Longevity and Peace of Mind for Hazardous and Corrosive Chemical Storage

Marshall Lampson, Poly Processing Company

SESSION 42

Engineering Design – Asset Management & Rehabilitation

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Hany Gerges, HDR Inc.

A. New Asset Management Methods for Evaluating Electrical Equipment for Pump Stations

Keene Matsuda, Black & Veatch

B1. Rehabilitation of a Large Semi-Elliptical Sewer

Donna Won,

Los Angeles County Sanitation Districts

B2. Assessing Your Infrastructure Inheritance

Reena Thomas, James Brezack, Jonathon Marshall and Eric Tyan, RBF Consulting

C1. Unconventional Air Plenum Repair Pilot Studies

James Kong, Nathaniel M. Morales, Nathan W. Hodges, and Ba T. Than, Central Contra Costa Sanitary District



Technical Sessions

- C2. Cured in Place Pipe's Impact on Treatment Works**
Alan Weer, Nate Morales, and Tom Godsey,
Central Contra Costa Sanitary District

SESSION 43

Engineering Design – Process Control & Automation

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Michael Penny, Central Contra Costa Sanitary District

- A1. Control System Integration: Avoiding the Pitfalls**
Dave Roberts, Black & Veatch

- A2. Ethernet for Process Control**
Dave Kubel, Black & Veatch

- B1. Implement a New Control System for a Waste Water Treatment Plant**
Ba Than,
Central Contra Costa Sanitary District
Jim Montgomery, Transdyn, Inc.

- B2. Aeration System Optimization for Energy Savings and Process Control**
Adam Ross, Brown and Caldwell
Tim Grillo, Union Sanitary District

- C. Implementing a Power Monitoring and Control System**
Aziz Karim and David Kubel, Black & Veatch
Jim Mullins, Orange County Sanitation District
Mike Dorman, CDM

SESSION 44

Engineering & Research – Energy & Asset Management

Session Chair: Christina Hartinger, Black & Veatch

Moderator: Meei-Lih Ahmad, San Francisco Public Utilities Commission

- A. Making Energy Savings Pay More**
Alan Zelenka and Mike Joyce,
Kennedy/Jenks Consultants

- B. Successful Implementation of Sewer System Master Plans Utilizing Innovative GIS Solutions**
Yazdan Emrani, AIM

- C. Power Solutions for Ultra-Violet Purification Systems**
David Shipp, Eaton Corp.

SESSION 45

Engineering & Research – Global Warming and the Impacts on the Wastewater Industry

Session Chair: Zeynep Erdal, CH2M Hill

Moderator: Christina Hartinger, Black & Veatch

- A. What is the Perspective of the State of California, the Role it is Playing in the Climate Change Issues and the Programs That Are Being Implemented?**

- B. What Role Can the Large and Small Public Agencies Play to Make A Difference? A Collaboration and Success Story**

- C. What is the Current Status and the Future Outlook for the Regulatory Environment on Greenhouse Gases?**

SESSION 46

SuperGroup

Session Chair: Jim Heitzman,
Marina Coast Water District

Moderator: Paula Riso,
Marina Coast Water District

- A1. Master Planning for Beginners**
Patricia Berge,
San Eljio Joint Powers Authority

- A2. To Rehab or Not... Balancing Risk versus Cost**
John Goodwin, West Yost Associates
Clarence Lunde,
Sacramento Regional County Sanitation District

- B. Business Continuity Insights – Building a Resilient Agency**
Julia R. Halsne,
East Bay Municipal Utility District

- C1. Integrating Sustainability Into Your Wastewater Program**
Dawn Lesley, Kennedy/Jenks Consultants

- C2. Controlling Flooding and Odor in "Old Town" – 5-Year CIP and a Case Study of San Francisco Combined Sewer System**
Jignesh Desai,
San Francisco Public Utilities Commission

Technical Sessions



SESSION 47

Public Education

Session Chair: Catherine Allin, City of Millbrae

Moderator: Devina Douglas,
City of American Canyon

A. National Pollution Prevention Week: Seizing the Opportunity to Educate City of San Jose Employees

Sharon Newton, City of San Jose

B. California Coastal Cleanup Day and Litter Reduction Outreach in San Mateo County, 2006: Reducing Trash in Our Waterways

Sarah Pratt, San Mateo County

C1. Microbes in Sewage- Reaching 7th Graders

Jan Raissle, City of Palo Alto

C2. Wetlands Days

Katerina Capetanos,
Las Gallinas Valley Sanitary District

SESSION 48

Laboratory

Session Chair: Barbara Santos, City of Simi Valley

Moderator: Bill Ray, CA State Water Resources Control Board

A. How to Perform Effective Internal Audits in an Environmental Testing Laboratory

Diane Lawver,
Quality Assurance Solutions, LLC

B. Achieving Detection in a Non-Detect World: Emerging Technology for Emerging Contaminants

Patrice Parsons, Monterey Regional Water Pollution Control Agency

C. Legally Defensible – The Beginning!

Bill Ray,
CA State Water Resources Control Board

SESSION 49

Biosolids

Session Chair: Jonathon Hay, Black and Veatch

Moderator: Yuyun Shang, East Bay Municipal Utility District

A1. Shaken or Stirred: Digester Mixing Design Success Stories

Ken Fonda, Brown and Caldwell

A2. Benefiting from Digester Upgrades

Linda Winters,
East Bay Municipal Utility District

B1. Digester Gas Contaminants: What Are They and How Do You Remove Them?

Thomas Hendrey,
Whitley Burchett & Associates

B2. Increasing Your Gas Production and Reducing Your FOG Problems

Robert Gillette, Carollo Engineers

C1. Full Scale Application of a Novel Sludge Ozonation Process for Achieving 80% Excess Sludge Reduction at a 7 MGD Municipal Wastewater Plant

Malcolm Fabiyi, Praxair, Inc

C2. A Comparison of an Organic Biofilter and an Inorganic Biofilter for the Treatment of Residual Odors Emanating from a Biosolids De-Watering Facility

Daryl Letto, BIOREM Technologies

SESSION 50

Collection Systems

Session Chair: Lenny Rather, Oro Loma Sanitary District

Moderator: Ken Holmes, Holmes International

A. Trenchless Pipeline Rehabilitation Overview

David Badgley,
Sancon Engineering & Technologies

B. Large Diameter Pipeline Condition Assessment Services

David Badgley,
Sancon Engineering & Technologies

C1. Building a Large Diameter Deep Sewer Pipeline Under Urban Constraints – the Upper Northwest Interceptor Section 9 and Associated Northeast Area Relief Projects

Xiangquan Li, HDR Inc.

C2. Sewer Evaluation Study: Comparison of Electro-Scan, Joint Pressure Testing and CCTV Inspection

Robert Harris, Leak Busters Inc

Registration Instructions



Please photocopy the Registration Form if you are submitting multiple attendee registrations to ensure accuracy. Read all instructions prior to filling out the Registration Form and all other necessary forms. Discrepancies may result in delays when you pick up your registration materials at the Conference. All conference attendees, including speakers who plan to attend any sessions, are required to register.

Pre-registration

Pre-registration means that your entire package will be ready when you arrive. You will avoid the delay required to process onsite registrations. Additionally, you will receive one free drink ticket per night and...save money!

Pre-registration must be accompanied by the appropriate fee in order to be processed.

Icebreaker Reception

In addition to picking up your packet at the main registration desk, pre-registration packets may also be picked up at the Icebreaker Reception on Sunday, April 13th, taking place at the Sheraton Grand Sacramento Hotel, Gardenia Ballroom from 6:00 p.m. to 8:00 p.m.

Online Registration

Conference attendees can also register on-line by visiting CWEA's secure web site at: www.cwea.org/conferences. This registration process requires a credit card payment.

Member Rates

You must include your current, valid membership number to receive the member rate. All membership numbers will be verified. Only CWEA, WEF, or CA-NV AWWA membership qualifies for the member registration rate.

Non-member registration may include one year of CWEA membership, if desired.

Retired Members

Retired Members are eligible for a special registration rate of \$175. CWEA Bylaws state that a retired member is any person retired from and not currently affiliated professionally or technically with the water quality field.

Student Members

Full-time students are eligible for free registration. This special registration rate does not include meals, which can be purchased separately. Students must provide proof of full time status (9 or more units per semester) to receive this special registration rate.

Exhibits Only Pass

Special passes are available for those wishing to tour the exhibit hall exclusively at a rate of \$100 for the full conference expo, or \$50 for one day at the expo. Fill out and submit the registration form, selecting either Full Conference "Exhibits Only" or One-Day "Exhibits Only", with your payment and pick up your pass at the registration desk.

Spouse/Guest Registration

The Spouse/Guest Registration includes: participation in the Ice Breaker Reception on Sunday night, entrance into the Exhibit Hall on both days, and a drink ticket for each of the Exhibit Hall receptions, Tuesday lunch in the Exhibit Hall, and Wednesday's Ice Cream Social.

Specialty Workshops

Cost includes lunch for the SSMP and Condition Assessment workshops. All others do not include lunch.

Exhibitor Registration

Exhibitors are encouraged to participate in social events. Exhibitors must register spouses and/or guests.

All exhibitor meals and spouse/guest meals must be paid for on the conference registration form.

Exhibitor registration will be handled through the CWEA office. Please pick up your company's packet at the Icebreaker Reception on Sunday evening from 6 p.m. - 8 p.m. or on Monday morning at the registration desk. Exhibitors are assigned booth spaces in the order of receipt of paid registration.

Exhibitors wishing to participate please contact:

Anton Loof	or	Marci Chase
Oratech Controls		CWEA
415.467.9455		510.382.7800
aloof@oratech-controls.com		mchase@cwea.org

Sludge Trudge/Golf Registration

Competitive activities registration forms are included in the conference brochure as well as a description of each event. The appropriate form for the activity must be included with your registration form. If you are registering for these via personal check, and the registration is paid by your agency, please enclose all forms and payments together. This will allow us to better coordinate all of your activities and process a complete registration packet for you (See pages 34 & 35 for details).



Registration Instructions (continued)

Conference Meals

Please indicate which conference meals you and your spouse/guest will be attending by checking the appropriate box. Note the number attending plus the cost in the space provided.

Hotel Registration

CWEA has reserved a block of rooms at some hotels in the immediate vicinity of the Sacramento Convention Center. Conference attendees are responsible for making their own room reservations. Hotels include: Sheraton Grand Sacramento Hotel, Holiday Inn Express, and Residence Inn.

The host hotel is:

Sheraton Grand Sacramento
1230 J Street
Sacramento, CA 95814

The Conference rates are subject to appropriate state, local, and any occupancy taxes in effect at the time.

To make reservations, use the Housing Request Form on Page 36. **DO NOT** send this form to **CWEA**. Please verify and confirm that you have made reservations at the hotel of your choice. CWEA is not responsible for hotel reservations.

Operations Challenge Registration

Use the form included in the conference brochure to sign up your team (See page 33 for details). Pay the team fee in addition to each participant's conference registrations. If participants are sending separate conference registrations, make sure the Operations Challenge fee and form are sent with the team captain's registration.

Registration Hours

The Registration Desk will be located at the Sheraton Grand Sacramento Hotel, Grand Nave Foyer Ballroom. Registration hours are as follows:

Sunday, April 13th, 2008
6:00 p.m. – 8:00 p.m.
(Pre-registration only) Icebreaker Reception at
Sheraton Grand Gardenia Ballroom

Monday and Tuesday, April 14th & 15th, 2008
7:00 a.m. – 5:00 p.m.

Wednesday, April 16th, 2008
7:00 a.m. – 12:00 p.m.

Registration Payment

Payment by check or money order should be made payable to: CWEA 2008 Annual Conference. Credit card payments are also accepted through the enclosed registration form or through CWEA's secure website (www.cwea.org/conferences). Pre-registration **MUST** be post-marked no later than March 10, 2008. Those who submit payments with a pre-registration fee after March 10, 2008 will be billed for the difference.

All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable. Registrations received by CWEA without full payment or purchase order will not be processed.

Hospitality Suites

While CWEA welcomes "Hospitality Occasions" provided for our members, they must not open until after all regularly scheduled conference events or exhibits have closed. Hospitality suites are available and must be arranged through the Conference Chairs, Darren Greenwood at dggreenwood@ci.livermore.ca.us or Gayle Tupper at gtupper@ebmud.com.

Registration Questions

Registration questions can be forwarded to CWEA's office at (510) 382-7800.

Refund Policy

Written cancellation notice is required and must be received at least 30 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 30 days prior to the conference.

Registration Form



PLEASE PRINT OR TYPE ALL INFORMATION

NAME FOR BADGE: _____
 FIRST NAME: _____ LAST NAME: _____
 AGENCY/COMPANY: _____
 ADDRESS: _____
 CITY: _____ STATE: _____ ZIP: _____
 PHONE NUMBER: () _____ FAX: () _____ E-MAIL: _____
 EMERGENCY CONTACT: _____ PHONE: () _____

CWEA MEMBER WEF MEMBER or CA-NV AWWA MEMBER (must list your current membership # for member rates): Member # _____

NON-MEMBER Please apply my extra non-member fee to CWEA membership: Yes No
 Special Services: Please check here if you require special accommodations to fully participate.
 Attach a written description of your needs.

FULL CONFERENCE ATTENDANCE

	Pre-Registration (Deadline: 3-10-2008)	On-Site Registration (After 3-10-2008)
Member	<input type="checkbox"/> \$335	<input type="checkbox"/> \$435
Non-Member	<input type="checkbox"/> \$445	<input type="checkbox"/> \$545
Retired Member - Same Fee for Pre-Registration or On-Site	<input type="checkbox"/> \$175	
Full-Time Student - Same Fee for Pre-Registration or On-Site (must provide proof of attendance at a college or university with a minimum of 9 units.)	<input type="checkbox"/> \$ No cost / School	
Exhibits Only - Same Fee for Pre-Registration or On-Site	<input type="checkbox"/> \$100	
		FEE SUBTOTAL \$ <input style="width: 100px;" type="text"/>

OR:

ONE-DAY CONFERENCE ATTENDANCE

Day of Attendance: MONDAY (4/14) TUESDAY (4/15) WEDNESDAY (4/16)

	Pre-Registration (Deadline: 3-10-2008)	On-Site Registration (After: 3-10-2008)
Member	<input type="checkbox"/> \$170	<input type="checkbox"/> \$270
Non-Member	<input type="checkbox"/> \$280	<input type="checkbox"/> \$380
Full-Time Student - Same Fee for Pre-Registration or On-Site (must provide proof of attendance at a college or university with a minimum of 9 units.)	<input type="checkbox"/> \$ No cost / School	
Exhibits Only - Same Fee for Pre-Registration or On-Site	<input type="checkbox"/> \$ 50	
No Exhibits on Wednesday		FEE SUBTOTAL \$ <input style="width: 100px;" type="text"/>

SPECIALTY WORKSHOPS - Sunday, 4/13 (See pages 7-8 for full Workshop descriptions) Lunch is included for full day workshops

	Member	Non-Member
S1. Condition Assessment & Rehabilitation Strategies (Full Day)	<input type="checkbox"/> \$150	<input type="checkbox"/> \$260
S2. Methyl Mercury (Half Day, 1:00 to 5:00)	<input type="checkbox"/> \$ 85	<input type="checkbox"/> \$195
S3. Plan/Blueprint Reading (Half Day, 8:00 to Noon)	<input type="checkbox"/> \$ 85	<input type="checkbox"/> \$195
S4. Collections Math (Half Day, 1:00 to 5:00)	<input type="checkbox"/> \$ 50	<input type="checkbox"/> \$160
S5. SSO-WDR Compliance Workshop (Half Day, 1:00 to 5:00)	<input type="checkbox"/> \$ 85	<input type="checkbox"/> \$195
S6. SSMP: Developing Your Plan (Full Day)	<input type="checkbox"/> \$155	<input type="checkbox"/> \$260
		FEE SUBTOTAL \$ <input style="width: 100px;" type="text"/>

CONFERENCE MEALS (see page 23 for descriptions) Meals are not included with registration

M1. Icebreaker Reception (Sun, 4/13)	_____ @ <input type="checkbox"/> Free with Registration
M2. Business Luncheon (Mon, 4/14)	_____ @ <input type="checkbox"/> \$35
M3. Exhibit Hall Luncheon (Tues, 4/15)	_____ @ <input type="checkbox"/> Free with Registration
M4. Awards Luncheon (Wed, 4/16)	_____ @ <input type="checkbox"/> \$35
M5. Ice Cream Social (Wed, 4/16)	_____ @ <input type="checkbox"/> Free with Registration
M6. Banquet (Wed, 4/16)	_____ @ <input type="checkbox"/> \$60
	FEE SUBTOTAL \$ <input style="width: 100px;" type="text"/>

You may also register online: www.cwea.org



Registration Form (continued)

CONFERENCE COMMITTEE BREAKFASTS/MEETINGS: (only one may be attended per day)

TUESDAY 4/15: (7:00 am - Varies)

- Collection Systems _____ @ \$30
- Laboratory _____ @ \$30
- Operations & Maintenance _____ @ \$30
- Government Affairs & Public _____ @ \$30
- Outreach Joint Meeting _____ @ \$30

WEDNESDAY 4/16: (7:00 - Varies)

- Super Group _____ @ \$30
- Engineering & Research _____ @ \$30
- P3S _____ @ \$30
- Safety _____ @ \$30

FEE SUBTOTAL \$

TECHNICAL TOURS (See pages 26-27 for full Tour descriptions)

- T1. Gladding McBean VCP Manufacturing Plant in Lincoln** - Monday, April 14th, 1:00 PM - 5:00 PM \$20
- T2. SRCSD Interceptor Pump Station** - Tuesday, April 15th, 8:00 AM - 12:00 PM \$20
- T3. Sacramento Regional Wastewater Treatment Plant:** - Tuesday, April 15th, 1:00 PM - 5:00 PM \$20
- T4. Roseville Pleasant Grove Wastewater Treatment Plant** - Wednesday, April 16th, 8:00 AM - 12:00 PM \$20

FEE SUBTOTAL \$

COMPETITIVE ACTIVITIES (See pages 34 and 35 for full descriptions)

Registration for sports events MUST be accompanied by the appropriate form, including the signed waiver.

- | | | |
|---|--|--|
| | Pre-Registration
(Deadline: 3-10-2008) | On-Site Registration
(After 3-10-2008) |
| G. 2008 CWEA Golf Tournament - Sunday, April 13 th , 2008 | <input type="checkbox"/> \$110 (Individual) | |
| ST. 2008 25th Annual Sludge Trudge - Tuesday, April 15 th , 2008 | <input type="checkbox"/> \$25 (Pre-Race) | <input type="checkbox"/> \$35 (Race Site) |
| | <input type="checkbox"/> \$10 T-Shirt Only (Size: <input type="checkbox"/> M, <input type="checkbox"/> L, <input type="checkbox"/> XL) | |
| SG. Spouse/Guest Registration | <input type="checkbox"/> \$35 | |

FEE SUBTOTAL \$

Please add together all FEE SUBTOTALS for the GRAND TOTAL \$

Mail Registration Payments and Forms to: **CWEA, 7677 Oakport Street, Suite 525, Oakland, CA 94621-1935**

You May also Register On-line at "www.cwea.org"

For Payments by Check or Money Order, Make Payable to: **CWEA 2008 ANNUAL CONFERENCE**

For Payments by Credit Card, Please Indicate:

VISA MASTERCARD DISCOVER AMEX

SIGNATURE: _____

Account Number: _____

Expiration Date: _____

Name of Account Holder: _____

Credit Card Payments May Be Mailed to the Address Above or Faxed to CWEA at (510) 382-7810.

Disclaimer: "CWEA is not responsible for theft of or damage to personal or agency/company property whether intended to be used for CWEA purposes or not."

You may also register online: www.cwea.org

REFUND POLICY (See policy on page 30)

**STEPPING UP TO
THE CHALLENGE**

Editions of the North County Times Serving San Diego and Riverside Counties

Tuesday, February 5, 2008

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Last modified Tuesday, February 5, 2008 12:15 AM PST

Vista, Carlsbad reach deal with water quality regulators

By: CRAIG TENBROECK - Staff Writer

Fine for massive sewage spill would still be at least \$700,000

VISTA -- City officials in Vista and Carlsbad have hammered out a tentative deal with water quality regulators that could lessen the penalty for the 7.3 million gallon sewage spill last spring that fouled Buena Vista lagoon.

Under the proposed settlement, released Monday for public review, the cities would pay \$200,000 to the state Water Resources Control board and \$500,000 to wildlife agencies for local environmental improvements.

Last year, water quality regulators proposed a \$1.1 million fine, but the settlement slashes \$395,000 of that liability on the condition that the cities upgrade the sewer main that suffered the leak.

"I think there are some win-wins here," Vista's Engineering Director Larry Pierce said.

Vista is already working with the U.S. Fish and Wildlife Service and the California Department of Fish and Game on a spending plan for the \$500,000, Pierce said. Any improvement projects would probably involve the lagoon, Pierce said.

The settlement follows months of negotiations between staff members at the various agencies. However, it is subject to the regional water board's approval on March 12.

The threat of a massive fine has been hanging over Vista's head since the sewer main broke in late March and early April, causing one of the largest sewage spills in county history.

Analysts determined that the break was caused by corrosive soil eating through the jointly owned sewer main, which slices through Carlsbad to a regional treatment plant on the coast. The spill was blamed for the death of about 1,700 fish in the freshwater lagoon.

For a spill of that size, the law allows a maximum fine of \$73 million.

Vista has already shelled out more than \$575,000 for clean up and repair, Pierce said. Because the city has a 90 percent ownership stake in the pipe -- Carlsbad owns the rest -- it will have to pay the bulk of any penalty.

Vista's sewer fund is already stretched thin. Last month, the City Council approved five years of sewer rate increases to pay for improvements to the aging sewer system.

"If we have more sewage spills, they're not going to be nice to us here in Vista, and our fines are going to be very high," Councilwoman Judy Ritter told a roomful of angry residents during the rate-hike discussion.

Even if the water board approves the settlement, Vista isn't completely out of the water. Days after the Buena Vista sewage spill, Vista suffered a separate, 400,000 gallon spill near Melrose Drive.

The regional water board has not determined if a fine will be levied for that incident, Becker said.

Public comments on the proposed settlement should be sent to EBecker@waterboards.ca.gov.

-- Contact staff writer Craig TenBroeck at (760) 901-4062 or ctenbroeck@nctimes.com.

Directors' Meetings

Presented by President Sullivan, Directors Juliussen, and Hanson

Conference

SDI Governance Seminar

Dates and Location

February 6 – 9, 2008

Hilton Palm Springs, Palm Springs, CA

List of Attendees

President Elaine Sullivan

Director Allan Juliussen

Director Judy Hanson

The above mentioned Board members attended the following sessions:

- Governance
- Effective District Leadership
- Planning Your Agency's Future
- Political Action
- Managing Your Financial Resources
- Local Government Law
- Overview of the Brown Act and Public Records Act
- Your Role in Human Resources
- Building Effective Board/Manager Relationships
- Building Community Support
- Evaluation session

Directors' Meetings

Presented by Vice President Kulchin

Conference

CSDA Education Committee Meeting

Dates and Location

January 30, 2008

Sacramento, CA

List of Attendees

Vice President Kulchin

The above mentioned Board member attended the following CSDA Education Committee meeting.