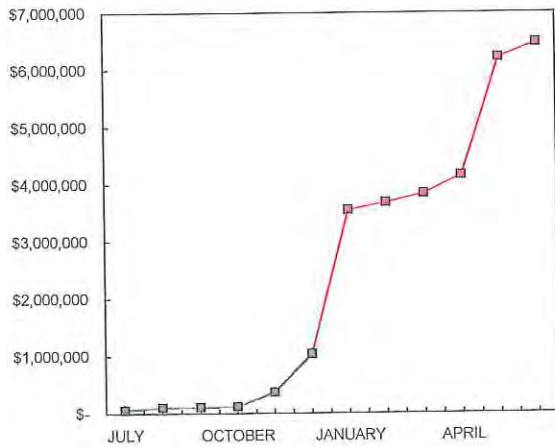


# Leucadia Wastewater District

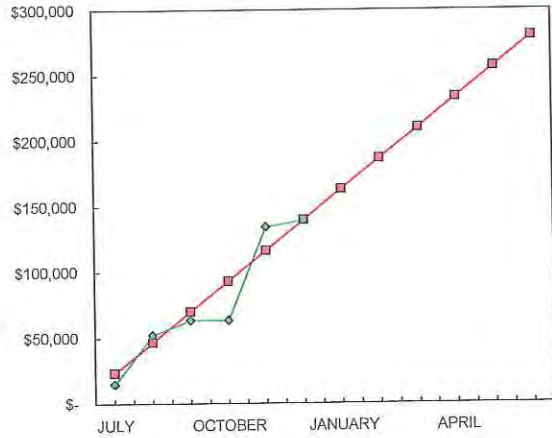
## Revenue FY 2009-2010

YTD through December 31, 2009

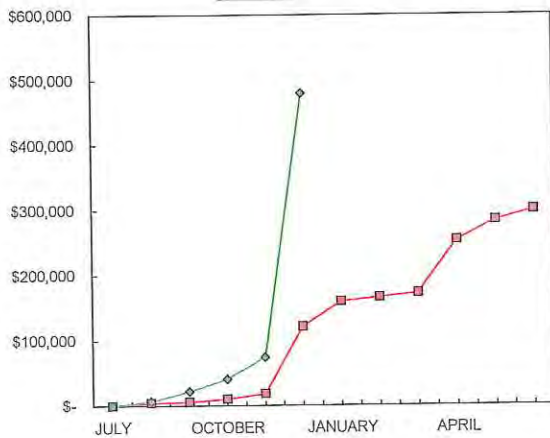
### Sewer Service Fees



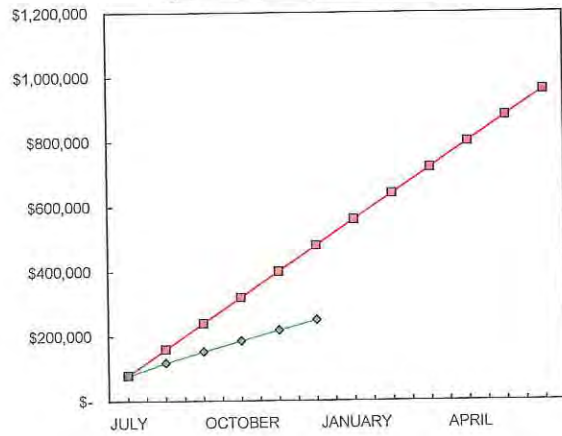
### Capacity Charges



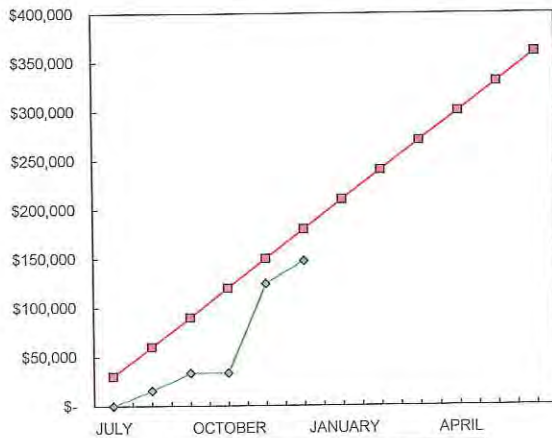
### Property Taxes



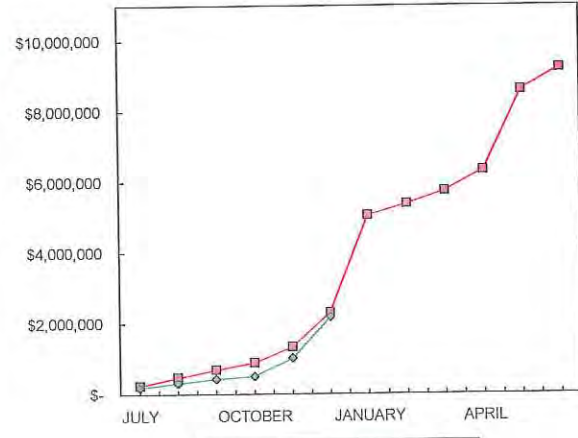
### Investment Income



### Recycled Wastewater



### Total Revenue



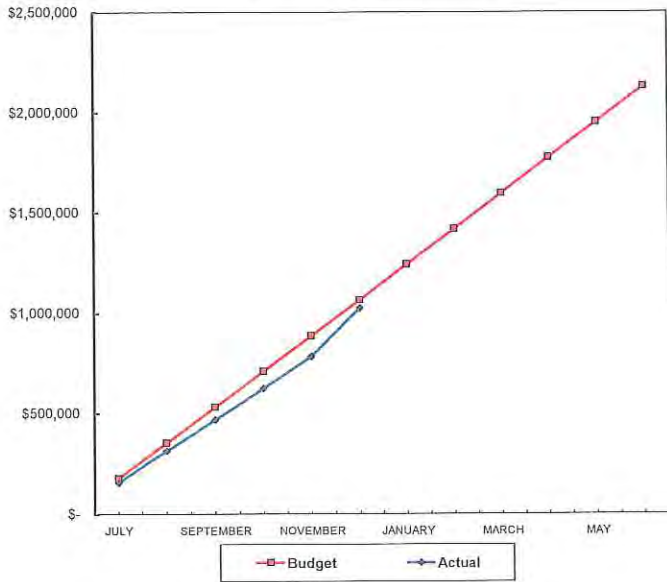
— Budget    — Actual

— Budget    — Actual

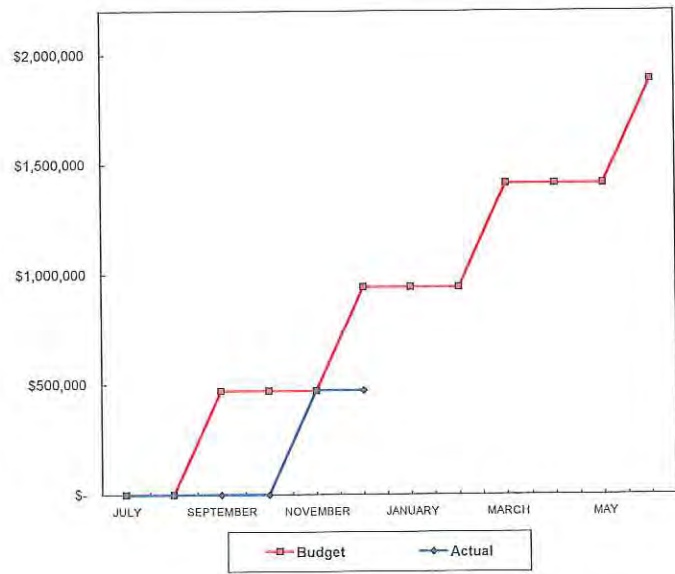
\* Preliminary: subject to future review, reconciliation, accruals, and audit

**Leucadia Wastewater District**  
**Operating Expenses FY 2009-2010**  
 YTD through December 31, 2009

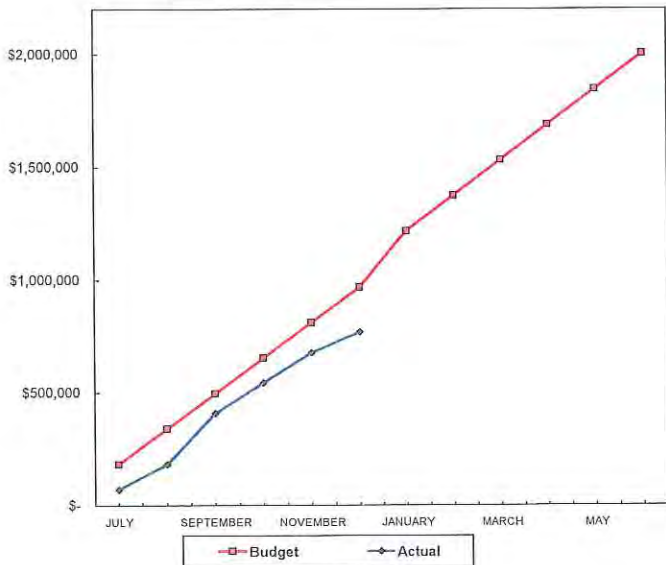
**Salaries and Benefits**



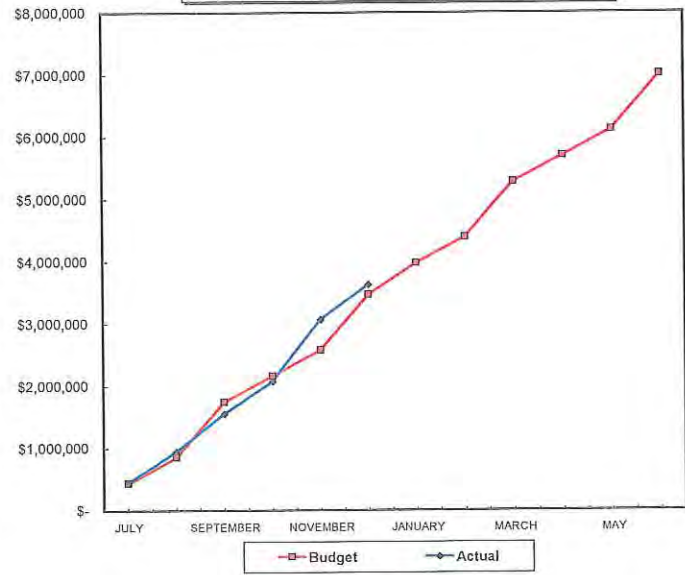
**Encina M&O**



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



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



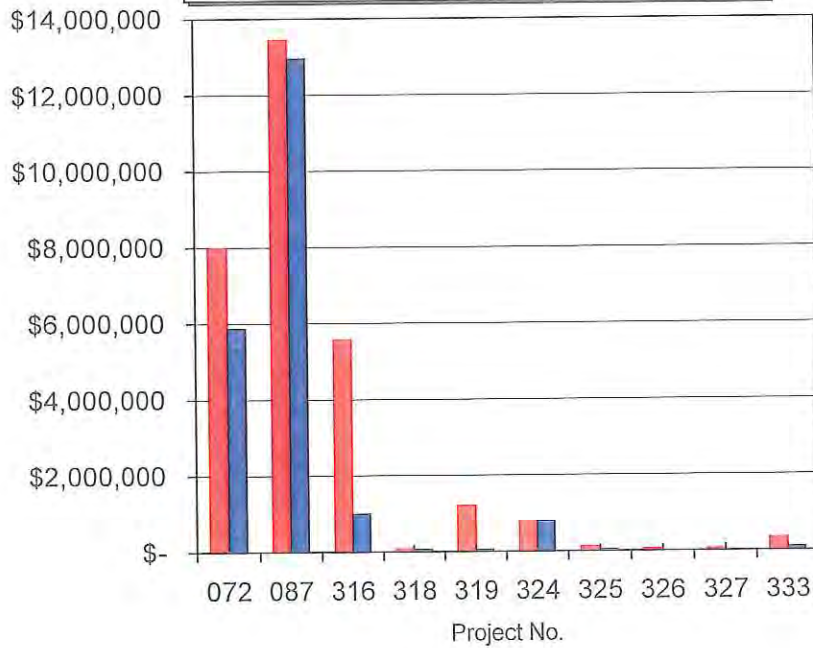
\* Preliminary: subject to future review, reconciliation, accruals, and audit

# Leucadia Wastewater District

## Capital Expenditures

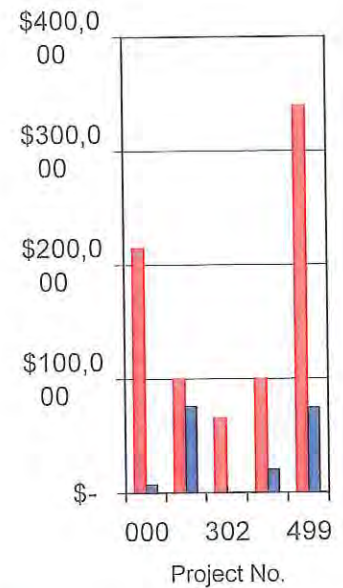
As of December 31, 2009

**Multi Year Capital Expenditures by Project 2002/03-2009/10**



■ Appropriations      ■ Actual

**Single Year Capital Expenditures by Project 2009/10**



■ Appropriations      ■ Actual

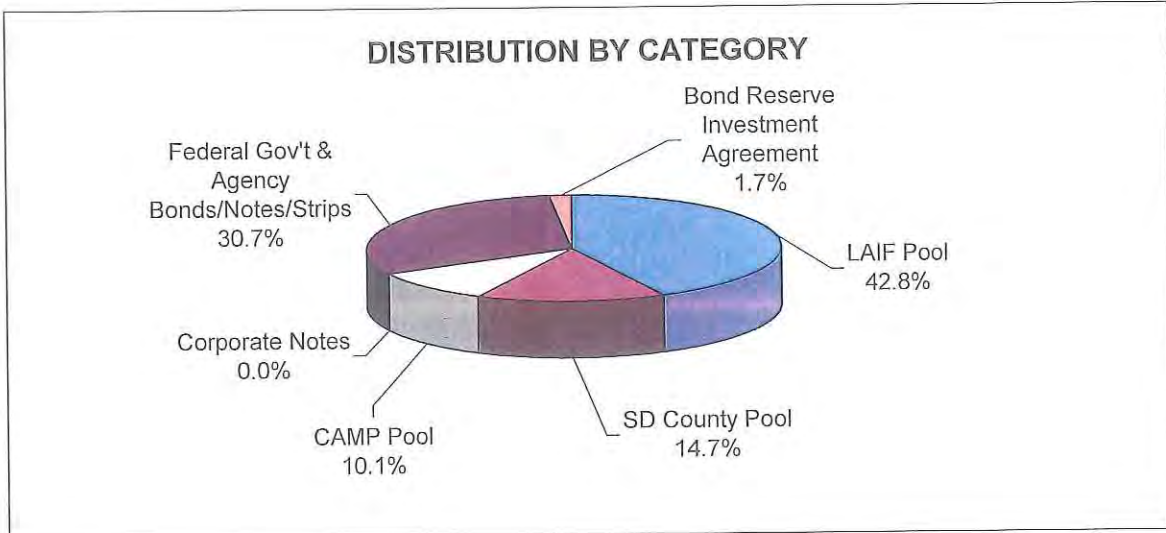
Project Legend			
Description	No.	Description	No.
Encina WA	072	Meadow 3 PS Decom	327
Site Improvement Pro	087	Grounewater Feasibili	333
Satellite PS Forcemain	316	Equipment	000
Asset Mgmt Plan Impl	318	Misc Pipeline Repair	077
101 Trunk Sewer	319	Professional Services	302
Bat PS Influent Line	324	Lateral Replace/Backf	323
Meadow 3 PS Decom	325	LWD General Labor	499
Batiquitos PS Rehab	326		

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



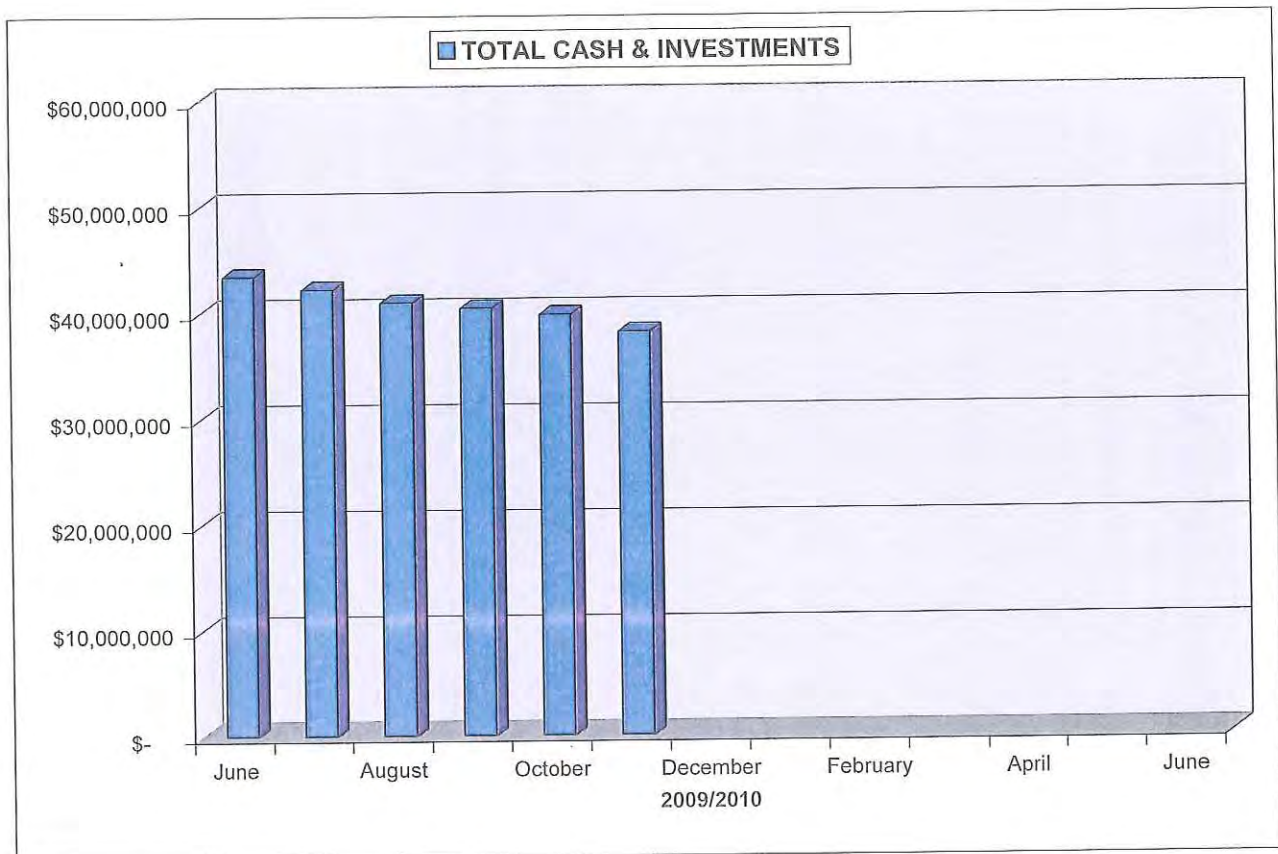
**LEUCADIA WASTEWATER DISTRICT**  
**Monthly Investment Summary**  
**As of November 30, 2009**

Cash & Investments	Principal (Original Cost)		November Interest	Average Rate
	Oct 31, 2009	Nov 30, 2009		
LAIF Pool	23,503,057	16,303,057	10,134	0.611%
SD County Pool	110,936	5,610,936	2,849	1.195%
CAMP Pool	3,805,250	3,841,187	1,173	0.270%
CAMP Portfolio				
Corporate Notes	-	-	-	-
Federal Agency Bonds/Notes	8,672,841	8,672,841	15,250	2.110%
Federal Agency Discount Notes	-	-	-	-
GNMA mortgage pools	20,468	20,327	156	9.190%
US Treasury Bonds/Notes	1,977,383	1,977,383	2,620	1.590%
Total Camp Portfolio	10,670,692	10,670,551	18,026	2.080%
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	1,047,033	1,047,033	12,029	13.786%
Total Bond Funds	1,699,917	1,699,917	14,945	10.550%
Totals	\$ 39,789,852	\$ 38,125,648	\$ 47,127	1.452%



**LEUCADIA WASTEWATER DISTRICT**  
**Monthly Investment Summary**  
**As of November 30, 2009**  
**(Continued)**

<b>TOTAL CASH &amp; INVESTMENTS</b>		
<b>Month 2009/2010</b>	<b>Amount</b>	<b>Average Rate</b>
June	\$ 43,473,521	2.09%
July	\$ 42,232,119	1.62%
August	\$ 40,941,898	1.53%
September	\$ 40,400,905	1.44%
October	\$ 39,789,852	1.43%
November	\$ 38,125,648	1.45%
December		0.00%
January		0.00%
February		0.00%
March		0.00%
April		0.00%
May		0.00%
June		0.00%



**MEMORANDUM**

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Disclosure of Reimbursements Report for July through December 2009

---

**RECOMMENDATION:**

1. Receive and File the Disclosure of Reimbursements Report for July through December 2009.

**DISCUSSION:**

Government Code Section §53065 stipulates that Special Districts must disclose reimbursements of \$100 or more on at least an annual basis. Leucadia Wastewater District (LWD) prepares the Disclosure Report every six months, which is above and beyond the requirements of Government Code Section §53065. LWD's Disclosure report for the July to December 2009 period has been attached for your review.

PJB:

Attachment



**Leucadia Wastewater District  
Disclosure of Reimbursements Report  
July 1, 2009 - December 30, 2009**

Conference Date	Description	J. Hanson	E. Sullivan	D. Omsted	D. Kulchin	A. Juliusen	P. Bushee	C. LeMay	L. Schempp	R. Morishita
CASA 8/12-15/2009 Mission Bay, CA	Registration	425.00	425.00		425.00	425.00	425.00			
	Hotel	759.72	759.72		759.72	759.72				
	Airfare									
	Rental Car/mileage									
	<b>Sub-total</b>	<b>1,184.72</b>	<b>1,184.72</b>	<b>0.00</b>	<b>1,184.72</b>	<b>1,184.72</b>	<b>425.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Watreuse 9/13-16/2009 Seattle, WA	Registration		500.00	545.00						
	Hotel		655.44	655.44						
	Airfare		324.20	286.74						
	Rental Car/mileage									
	<b>Sub-total</b>	<b>0.00</b>	<b>1,479.64</b>	<b>1,487.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
CSDA 9/21-24/2009 Indian Wells, CA	Registration	525.00	525.00	525.00	525.00	525.00	525.00			
	Hotel	598.32	597.42	598.32	597.42	597.42	398.88			
	Airfare									
	Rental Car/mileage		155.10	191.01	123.75	140.80				
	<b>Sub-total</b>	<b>1,123.32</b>	<b>1,277.52</b>	<b>1,314.33</b>	<b>1,246.17</b>	<b>1,263.22</b>	<b>923.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
WEFTEC 10/11-14/2009 Orlando, FL	Registration			1,050.00						875.00
	Hotel			732.39						847.86
	Airfare			647.35						643.40
	Rental Car/mileage									
	<b>Sub-total</b>	<b>0.00</b>	<b>0.00</b>	<b>1,379.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,491.26</b>
CSDA 10/9/2009 Irvine, CA	Registration			225.00						
	Hotel									
	Airfare									
	Rental Car/mileage									
	<b>Sub-total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Encina Wastewater Authority Report**  
**Regular Board Meeting**  
**December 16, 2009**

**EWA Board of Directors** - Vice President Juliussen and Director Sullivan reporting

**EWA Board Meeting Action Items**

**1. Phase V Expansion Project Proposed Settlement**

The Board of Directors approved the proposed Supplemental Procurement Contract and Release of Claims between EWA and Alfa Lava, Inc and approved the proposed construction agreement and release of claims between EWA and J.R. Filanc Construction Company, Inc.

**2. Final Acceptance – Phase V Expansion General Construction**

The Board of Directors took final acceptance of the Phase V Expansion Project General Construction contract with J.R. Filanc Construction Company and authorized staff to record a Notice of completion for the Phase V General Construction Contract with the San Diego County Recorder.

**3. Election of Officers for Calendar Year 2010**

The Board of Directors conducted the Elections for the 2010 Joint Advisory Committee and Board of Directors Chair, Vice Chair, and Secretary. In addition, the Board of Directors appointed an EWA Auditor and Treasurer for 2010.

- ❖ Allan Juliussen, Board Chair
- ❖ Ann Kulchin, Vice Chair
- ❖ Kevin Hardy, Secretary
- ❖ Kathleen McHorney, Treasury/Auditor



**4. Fiscal Year 2009 Comprehensive Annual Financial Report**

The Board of Directors received and filed the FY 09 Comprehensive Annual Financial Report.

**Executive Session Item**

5. Conference with legal counsel as authorized by Government Code §54956.9(b) – one case Jaynes Corporation of California v. Encina Wastewater Authority.

No reportable action.

6. Conference with legal counsel as authorized by Government Code §54956 (c) - one case: potential litigation.

No reportable action.

# Investment & Finance Meeting Report

Presented by Judy Hanson

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## **Meeting held January 6, 2010**

1. The Committee reviewed the FY 09 Comprehensive Annual Financial Report.

The Fiscal Year 2009 (FY 09) Comprehensive Annual Financial Report (CAFR) will be reviewed by the Board of Directors later in the agenda.

# Engineering Committee Meeting Report

Presented by Director Kulchin

---

## Meeting held January 7, 2010

1. The Committee reviewed the recommendation to execute an Agreement with Dexter Wilson Engineering to conduct a Groundwater Feasibility Study within the District's service area in an amount not to exceed \$45,960. The Committee agreed with staff to present this item to the Board of Directors for approval.

This item will be reviewed by the Board later in tonight's agenda.

2. The Committee reviewed the recommendation to approve Resolution No. 2206 for LAFCO to take proceedings for the Meadows No. 3 Pump Station detachment. The Committee agreed with staff to present this item to the Board of Directors for approval.

This item will be reviewed by the Board later in tonight's agenda.

3. DE Deering reported that the Water Recycling Facilities chemical feed building has suffered serious settling to a point where the chlorine storage tank developed a leak. DE Deering reviewed various options to correct this situation.

DE Deering will provide a report on this issue later in tonight's agenda.

4. The Committee met in closed session to discuss anticipated litigation pursuant to California Government Code Sec. 54956.9 (b) (1): Jaynes Corporation of CA Contract Dispute.

The Board will discuss this issue in tonight's closed session.



## MEMORANDUM

Ref: 10-2338

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Award of Contract to Dexter Wilson Engineering to Conduct a Groundwater Feasibility Study

---

### RECOMMENDATION:

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

1. Authorize the General Manager to execute an Agreement with Dexter Wilson Engineering, Inc. to conduct a Groundwater Feasibility Study within the District's service area in an amount not to exceed \$45,960.
2. Discuss and take other action as appropriate.

### DISCUSSION:

This item was reviewed by the Engineering Committee at its January 7, 2010 meeting. The Committee concurred with staff to bring this recommendation forward for consideration at today's meeting.

During strategic planning, the Board of Directors expressed a desire to have staff investigate the use of groundwater as a source for reclaimed water. Subsequently, staff included a Groundwater Feasibility Study (GFS) in the Fiscal Year 2010 Tactical Goals. In October 2009, staff, with the help of Dudek, developed the Request for Proposals (RFP). The following is a summary of the RFP Scope of Work:

- Provide an overall description of the available groundwater resources.
- Identify and describe potential water rights, pumping rights, and other related jurisdictional requirements.
- Identify environmental issues and compliance documentation, permitting, or regulatory issues that may be required.
- Identify general water quality, salinity levels, and other quality-related concerns.
- Identify any potential treatment necessary to facilitate the potable or non-potable use of the identified water resources.
- Identify available capacity from the identified groundwater sources.
- Prepare concept-level cost opinions associated with defined project implementation.
- Prepare the final Groundwater Feasibility Analysis Report.

The RFP was advertised on October 30, 2009 and distributed to twenty-three firms. Five firms attended the November 12, 2009 pre-proposal meeting. Four proposals were received on the November 20<sup>th</sup> deadline from the following firms:

Dexter Wilson Engineering, Inc. (DWE)  
Infrastructure Engineering Corporation (IEC)  
RMC Water and Environment (RMC)

Hargis & Associates, Inc. (Hargis)

The proposals were reviewed by a team consisting of Michael Metts of Dudek, District General Manager Paul Bushee, District Engineer Steve Deering and Project Manager Robin Morishita. After compiling and summarizing the individual reviews, interviewing references, and meeting to discuss the results, the team selected DWE as the apparent successful firm.

The top three firms (DWE, IEC and RMC) were equally capable to conduct the GFS based on their experience, demonstrated knowledge of the project and positive references. However, an evaluation of the level of effort by the proposed team members indicated that DWE had a better distribution of man hours for this type of study. The result of evaluating each proposal's combined level of effort for the Principal-in-Charge, Project Manager and Hydrologist/Geologist was 93% for DWE, 54% for IEC and 53% for RMC. Considering the cost, there was a \$3,900 spread between the cost proposals, with DWE being the lowest. Therefore, it is recommended that the District enter into an agreement with DWE to conduct the GFS.

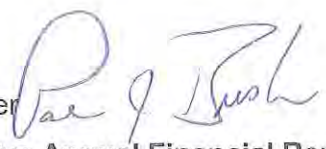
**FISCAL IMPACT:**

The Fiscal Year 2010 Budget includes an appropriation of \$50,000 to conduct the study. Therefore, there is sufficient funding to cover this cost.

rym:PJB

**MEMORANDUM**

Ref: 10-2327

**DATE:** January 11 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Fiscal Year 2009 Comprehensive Annual Financial Report

**RECOMMENDATION:**

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

1. Receive and File the Fiscal Year 2009 (FY 09) Comprehensive Annual Financial Report (CAFR).
2. Discuss and take other action, as appropriate.

**DISCUSSION:**

This item was reviewed at the January 6, 2010 Investment and Finance Committee meeting. Staff and the IFC recommend that the Board of Directors receive and file the Fiscal Year 2009 Comprehensive Annual Financial Report.

State law requires the Leucadia Wastewater District (LWD) to prepare a complete set of financial statements in conformance with generally accepted accounting principals (GAAP). The law also requires that the financial statements be audited in accordance with generally accepted auditing standards. For LWD, these documents collectively take the form of LWD's annual financial audit.

LWD prepares a more comprehensive financial audit, which is known as a comprehensive annual financial report or CAFR. This year's CAFR includes the following sections:

- Introductory section that includes the letter of transmittal
- A Financial section that includes the Independent Auditor's Report, Management's Discussion and Analysis, Basic Financial Statements and notes, and supplemental information
- Statistical section that includes cost and revenue comparisons for the past 10 years.

The accounting firm of Charles Z. Fedak & Co. (Fedak) has completed its audit of LWD's FY 09 CAFR. Staff is pleased to report that Fedak found that the financial statements fairly represent LWD's financial condition and is in conformance with GAAP.

The management report from Fedak and the full CAFR are enclosed for your review. Staff and Mr. Paul Kaymark of Fedak will present an overview of the CAFR at the upcoming meeting.


PB

Enclosures



MEMORANDUM

Ref: 10-2339

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Adopt Resolution No. 2206 Requesting LAFCO Take Proceedings for Meadows Number 3 Pump Station Detachment

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**RECOMMENDATION:**

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

1. Recommend that the Board of Directors adopt Resolution No. 2206 Requesting LAFCO to Take Proceeding for the Meadows Number 3 Pump Station Detachment; or
2. Discuss and take other action, as appropriate.

**DISCUSSION:**

This item was reviewed by the Engineering Committee at its January 7, 2010 meeting. The Committee concurred with staff to bring this recommendation forward for consideration at today's meeting.

Over the past couple of years, Carlsbad and LWD have been working on a plan to decommission the Meadows 3 Pump Station. Under the plan, flows that historically have gone to the pump station would be diverted via gravity pipeline into the Carlsbad system. This issue came to light when Carlsbad constructed a new sewer pipeline located downhill from the pump station. Gravity pipelines are more reliable and less energy intensive than a pump station and would better serve customers in that area.

An agreement for the City of Carlsbad to assume permanent wastewater service to the 32.52 acre Meadows 3 service area, including 70 properties, was signed by LWD on March 9, 2009 and by the City on October 20, 2009.

Carlsbad held a bid opening on December 9, 2009 for the project that will construct the gravity sewer outfall from the LWD Meadows 3 Pump Station. HPS, Inc. was awarded the contract and proposed a cost of \$21,964 for LWD's share of the work. LWD will reimburse Carlsbad as the work progresses. The Notice to Proceed to the contractor is expected to be issued in the January or February timeframe. The project is expected to take about 4-1/2 months to construct, therefore, the Meadows 3 demolition could be finished in the April - July 2010 timeframe.

The agreement includes provisions for LWD to detach the Meadows 3 service area from the District and for Carlsbad to take over sewer service and ownership of collection facilities in that area. To initiate that process, LWD must adopt a Resolution requesting that action by LAFCO. Resolution No. 2206 is attached requesting LAFCO to proceed with the Detachment and to adjust the LWD Sphere of Influence. It directs LAFCO to follow the terms of the LWD/City Agreement, a copy of which is included as Exhibit C to the Resolution. Resolution No. 2206 has been submitted to LAFCO Staff for review and comment. Any suggested changes will be incorporated prior to LWD Board action.

It is anticipated that the LAFCO process will take 3 to 6 months to complete. Because the detachment area includes more than 25 property owners, the area is considered to be "Inhabited" for LAFCO purposes. This means that LAFCO will hold a public hearing as part of the process. If less than 25% of property owner's protest, then the LAFCO will order detachment. If 25% or more protest, then the LAFCO order would go to election. If more than 50% protest, then the detachment proceedings would be terminated. In the event of a termination of proceedings prior to detachment, LWD would likely request a permanent Interagency Agreement with Carlsbad for gravity sewer service to the area.

To facilitate public acceptance of the proposed Meadows 3 Detachment, LWD will distribute an outreach flier prior to the start of construction.

**FISCAL IMPACT:**

The Fiscal Year 2010 Capital Budget for the Meadows 3 Decommissioning Project includes sufficient funding to cover LWD's portion of the project costs.

sd:PJB

Attachment

## Resolution No. 2206

A RESOLUTION OF APPLICATION  
BY THE BOARD OF DIRECTORS OF LEUCADIA WASTEWATER DISTRICT  
REQUESTING THE LOCAL AGENCY FORMATION  
COMMISSION TO TAKE PROCEEDINGS FOR THE PROPOSED  
MEADOWS 3 DETACHMENT

RESOLVED, by the Board of Directors of the LEUCADIA WASTEWATER DISTRICT (LWD), San Diego County, State of California, that:

WHEREAS, the LWD Board of Directors desires to initiate proceedings pursuant to the Cortese/Knox/Hertzberg Local Government Reorganization Act of 2000, Division 3, commencing with Section 56000 of the California Government Code, for the proposed Meadows 3 Detachment.

WHEREAS, the proposed change of organization includes the following jurisdictional changes:

1. Detachment from LWD for sewer service of the Meadows 3 area including 70 lots with Assessor Parcel Numbers: 215-370-3 to 26, 215-370-28, 215-380-1 to 30, 215-390-12 to 24, and 215-390-35 to 37; and
2. Adjustment of the LWD Sphere of Influence to delete area being detached.

WHEREAS, the reason for the proposed change of organization is as follows:

1. A new gravity sewer by the City of Carlsbad required for sewer service to current City of Carlsbad sewer customers will also allow abandonment of the former LWD Meadows 3 Pump Station with new gravity sewer service to the City of Carlsbad.
2. Cooperation between LWD and the City of Carlsbad will allow elimination of the Meadows 3 Pump Station, which will result in a more efficient sewer collection and transmission system.

WHEREAS, the territory subject to the proposed Detachment is Inhabited, and a description of the external boundary of the territory is set forth in **Exhibit A** and a map thereof is set forth in **Exhibit B**, both attached hereto and by this reference incorporated herein; and

WHEREAS, the LWD requests that the proposed change of organization be subject to the terms and conditions of **Exhibit C**, "AGREEMENT FOR CITY OF CARLSBAD TO ASSUME PERMANENT WASTEWATER SERVICE TO THE MEADOWS 3 SERVICE AREA OF LEUCADIA WASTEWATER DISTRICT," last dated October 20, 2009.

WHEREAS, LAFCO is authorized to approve this proposed Detachment with a conducting authority hearing for an Inhabited District Detachment.

WHEREAS, the City of Carlsbad has reviewed La Costa Meadows Sewer Extension and this proposed Detachment under the California Environmental Quality Act (CEQA) and has filed a Notice of Determination on April 15, 2009 for a Mitigated Negative Declaration with the San Diego County Clerk in compliance with Section 21108 or 21152 of the Public Resources Code.

NOW, THEREFORE, this Resolution of Application is hereby approved and adopted by the Board of Directors of the Leucadia Wastewater District. The Local Agency Formation Commission of San Diego County is hereby requested to take proceedings for the proposed Detachment that includes the territory as described in Exhibit A, as shown in Exhibit B, and according to the terms and conditions stated above and in the manner provided by the Cortese/Knox/Hertzberg Local Government Reorganization Act of 2000 and that proceedings be taken for the proposal pursuant to Government Code Section 56654.



**RESOLUTION NO. 2206**

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Leucadia Wastewater District held on January 20, 2010 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

---

Allan H. Julliussen, President

ATTEST:

---

Paul Bushee, General Manager  
(SEAL)

## DETACHMENT FROM LEUCADIA WASTEWATER DISTRICT

GEOGRAPHIC DESCRIPTION

THAT PORTION OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 19, TOWNSHIP 12 SOUTH, RANGE 3 WEST, SAN BERNARDINO MERIDIAN, IN THE CITY OF CARLSBAD, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA AS SHOWN ON MAP 7076 RECORDED OCTOBER 6, 1971 AS FILE NO. 230018 IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY DESCRIBED AS FOLLOWS:

**BEGINNING** AT THE NORTHWESTERLY CORNER OF SAID SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 19 AS SHOWN ON SAID MAP 7076;

THENCE (1) ALONG THE NORTHERLY LINE OF SAID SOUTH HALF SOUTH 89°46'50" EAST, 1668.53 FEET TO THE NORTHEAST CORNER OF LOT 581 AS SHOWN ON SAID MAP 7076;

THENCE (2) LEAVING SAID NORTHERLY LINE ALONG THE EASTERLY LINE OF SAID LOT 581 SOUTH 12°30'00" WEST, 185.00 FEET TO THE SOUTHEASTERLY CORNER OF SAID LOT 581;

THENCE (3) LEAVING SAID EASTERLY LINE SOUTH 19°13'23" WEST, 56.01 FEET TO THE NORTHEASTERLY CORNER OF LOT 535 OF SAID MAP 7076;

THENCE (4) ALONG THE EASTERLY LINE OF SAID LOT 535 SOUTH 18°12'00" WEST, 150.00 FEET TO THE SOUTHEASTERLY CORNER OF SAID LOT 535;

THENCE (5) LEAVING SAID EASTERLY LINE ALONG THE SOUTHERLY LINE OF SAID LOT 535 NORTH 79°05'56" WEST, 75.79 FEET TO THE SOUTHEASTERLY CORNER OF LOT 536 OF SAID MAP 7076;

THENCE (6) LEAVING SAID SOUTHERLY LINE OF LOT 535 ALONG THE SOUTHERLY LINE OF SAID LOT 536 AND LOT 537 OF SAID MAP 7076 SOUTH 79°18'40" WEST, 152.02 FEET TO THE SOUTHWESTERLY CORNER OF SAID LOT 537;

THENCE (7) LEAVING SAID SOUTHERLY LINE ALONG THE SOUTHEASTERLY LINES OF LOTS 538 THROUGH 541 OF SAID MAP 7076 AND THE SOUTHWESTERLY PROLONGATION THEREOF SOUTH 33°26'16" WEST, 374.04 FEET TO A POINT ON THE NORTHEASTERLY LINE OF LOT 501 OF SAID MAP 7076 BEING A POINT ON A NON-TANGENT CURVE CONCAVE SOUTHWESTERLY, HAVING A RADIUS OF 558.00 FEET, A RADIAL LINE TO WHICH BEARS NORTH 26°31'54" EAST;

THENCE (8) LEAVING SAID SOUTHERLY PROLONGATION, SOUTHEASTERLY ALONG SAID CURVE AND SAID NORTHEASTERLY LINE OF SAID LOT 501 THROUGH A CENTRAL ANGLE OF 16°15'24" AN ARC LENGTH OF 158.32 FEET TO THE MOST EASTERLY CORNER OF SAID LOT 501;

THENCE (9) LEAVING SAID NORTHEASTERLY LINE ALONG THE SOUTHEASTERLY LINE OF SAID LOT 501 SOUTH 61°10'00" WEST, 105.62 FEET TO AN ANGLE POINT THEREIN;

THENCE (10) CONTINUING ALONG SAID SOUTHEASTERLY LINE OF LOT 501 AND THE SOUTHEASTERLY LINES OF LOTS 502 THROUGH 510 OF SAID MAP 7076 SOUTH 70°00'00" WEST, 897.96 FEET TO THE SOUTHWESTERLY CORNER OF SAID LOT 510;

THENCE (11) LEAVING SAID SOUTHEASTERLY LINE, ALONG THE WESTERLY LINE OF SAID LOT 510 NORTH 20°00'00" WEST, 57.99 FEET TO THE SOUTHEASTERLY CORNER OF LOT 511 OF SAID MAP 7076;

THENCE (12) LEAVING SAID WESTERLY LINE, ALONG THE SOUTHERLY LINE OF SAID LOT 511 AND THE WESTERLY PROLONGATION THEREOF SOUTH 88°05'30" WEST, 141.52 FEET TO A POINT ON THE CENTERLINE OF CACATUA STREET AS SHOWN ON SAID MAP 7076, BEING A POINT ON A NON-TANGENT CURVE, CONCAVE EASTERLY, HAVING A RADIUS OF 750.00 FEET, A RADIAL LINE TO WHICH BEARS SOUTH 88°05'30" WEST;

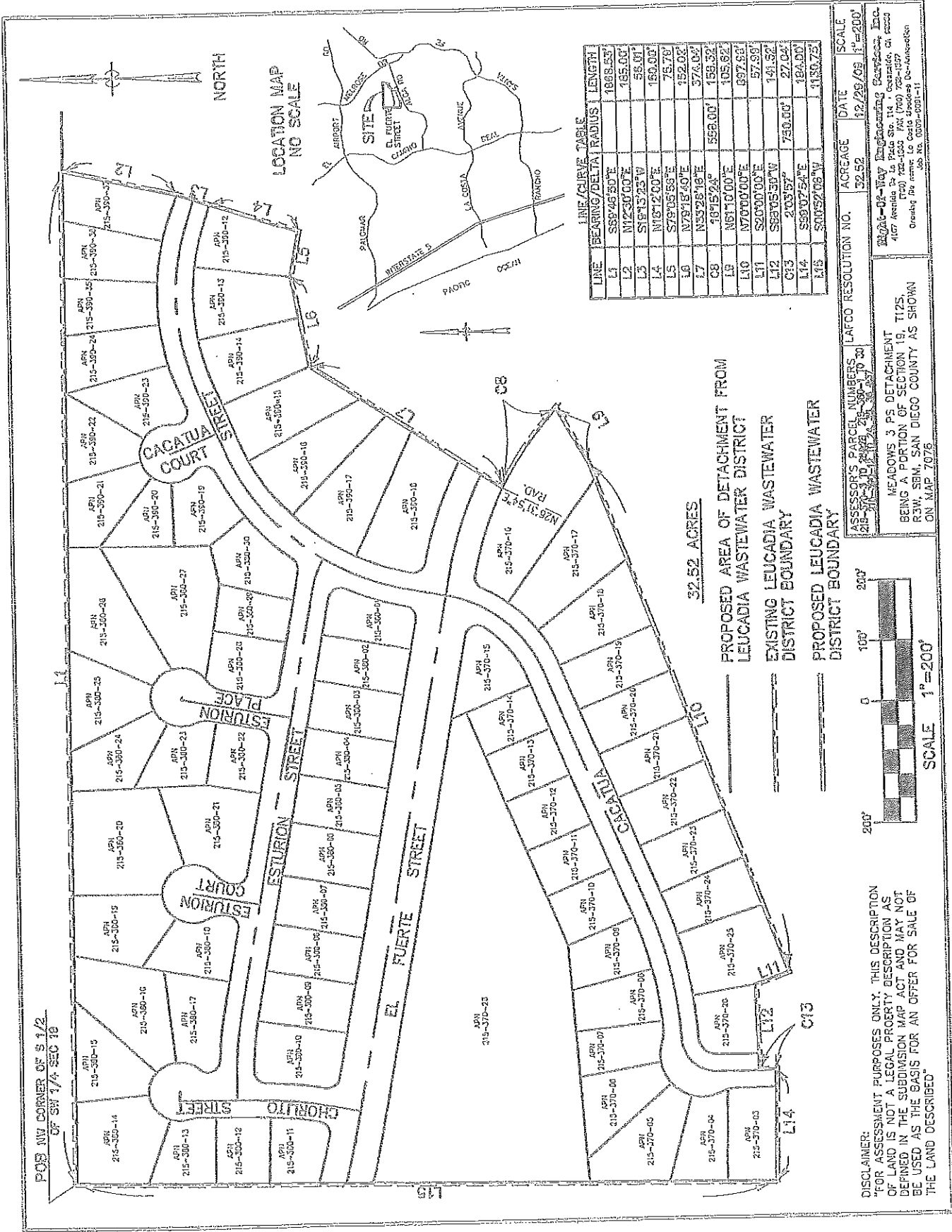
THENCE (13) LEAVING SAID PROLONGATION, SOUTHERLY ALONG SAID CENTERLINE AND SAID CURVE THROUGH A CENTRAL ANGLE OF 2°03'57" AN ARC LENGTH OF 27.04 FEET TO THE EASTERLY PROLONGATION OF THE SOUTHERLY LINE OF LOT 488 OF SAID MAP 7076;

THENCE (14) LEAVING SAID CENTERLINE ALONG SAID PROLONGATION AND SAID SOUTHERLY LINE NORTH 89°07'54" WEST, 184.00 FEET TO THE SOUTHWESTERLY CORNER OF SAID LOT 488 AND THE WESTERLY LINE OF SAID SECTION 19;

THENCE (15) LEAVING SAID SOUTHERLY LINE, ALONG SAID WESTERLY LINE OF SECTION 19 NORTH 00°52'06" EAST, 1130.75 FEET TO THE POINT OF BEGINNING.

CONTAINING 32.52 ACRES MORE OR LESS

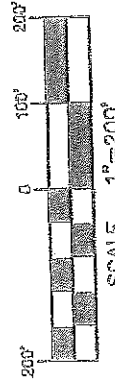
*FOR ASSESSMENT PURPOSES ONLY. THIS DESCRIPTION OF LAND IS NOT A LEGAL PROPERTY DESCRIPTION AS DEFINED IN THE SUBDIVISION MAP ACT AND MAY NOT BE USED AS THE BASIS FOR AN OFFER FOR SALE OF THE LAND DESCRIBED.*



LINE/CURVE TABLE

LINE	BEARING/Delta	RADIUS	LENGTH
L1	S89°48'50"E		1668.83'
L2	N12°30'00"E		185.00'
L3	S18°13'23"W		58.00'
L4	N18°12'00"E		160.00'
L5	S79°05'58"E		75.78'
L6	N79°18'40"E		152.00'
L7	N55°28'16"E		374.00'
C8	16°15'24"	558.00'	158.32'
L8	N61°00'00"E		105.62'
L9	N70°00'00"E		697.63'
L10	S20°00'00"E		57.90'
L11	S88°05'30"W		141.52'
C12	2°03'57"	750.00'	27.04'
L14	S59°07'54"E		184.00'
L15	S00°52'08"W		1180.73'

32.52 ACRES  
 PROPOSED AREA OF DETACHMENT FROM  
 LEUCADIA WASTEWATER DISTRICT  
 EXISTING LEUCADIA WASTEWATER  
 DISTRICT BOUNDARY  
 PROPOSED LEUCADIA WASTEWATER  
 DISTRICT BOUNDARY



DISCLAIMER:  
 "FOR ASSESSMENT PURPOSES ONLY, THIS DESCRIPTION  
 OF LAND IS NOT A LEGAL PROPERTY DESCRIPTION AS  
 DEFINED IN THE SUBDIVISION MAP ACT AND MAY NOT  
 BE USED AS THE BASIS FOR AN OFFER FOR SALE OF  
 THE LAND DESCRIBED"

ASSASSOR'S PARCEL NUMBERS  
 215-300-01 TO 215-370-25  
 215-370-26 TO 215-370-30

LAFCO RESOLUTION NO. 12/29/08  
 DATE 12/29/08  
 SCALE 1"=200'

BECKETT-DE WIT ENGINEERING & SURVEYING, INC.  
 4107 Avenida de las Americas, Suite 114, Escondido, CA 92026  
 Phone: (760) 722-1237  
 Fax: (760) 722-1237  
 Creating File name: Lo Ocasio Subdivs 05-Annexation  
 Job No. 05010-001-11

MEADOWS 3 PS DETACHMENT  
 BEING A PORTION OF SECTION 19, T12S,  
 R3W, S8M, SAN DIEGO COUNTY AS SHOWN  
 ON MAP 7676

AGREEMENT FOR CITY OF CARLSBAD TO ASSUME  
PERMANENT WASTEWATER SERVICE TO THE  
MEADOWS 3 SERVICE AREA OF  
LEUCADIA WASTEWATER DISTRICT

This Agreement is entered into between LEUCADIA WASTEWATER DISTRICT and CITY OF CARLSBAD.

RECITALS

This Agreement is made with respect to the following:

- A. LEUCADIA WASTEWATER DISTRICT (DISTRICT) is a county water district established and existing under Water Code § 30000 et seq. that provides sewer service to the north area of the City of Encinitas and to the south area of the City of Carlsbad.
- B. The CITY OF CARLSBAD is a municipal corporation (CITY) that has jurisdiction to provide sewer service within the CITY.
- C. There is an existing Reimbursement Agreement for Carlsbad Tract No. 93-04 – Rancho Carrillo Village Q4 last dated June 15, 2000 that provides for temporary sewer service by DISTRICT for 25 dwelling units in the CITY sewer service area (hereafter referred to as the “Carrillo Village Properties”). The prior Agreement anticipated that CITY would construct other wastewater collection facilities to directly serve the Carrillo Village Properties in the future. Those facilities are now being planned and designed with construction anticipated in 2009. Upon completion and connection of the Carrillo Village Properties to the CITY sewer system, the prior Reimbursement Agreement will expire.
- D. DISTRICT owns and operates the Meadows 3 Wastewater Pump Station, which currently serves the Carrillo Village Properties and an additional 70 assessor parcels / dwelling units within the CITY and within the DISTRICT Meadows 3 Service Area per Exhibit I, (hereafter referred to as the “Additional Properties”). With minor additional facilities added by CITY, the new CITY facilities could provide wastewater service to the Carrillo Village Properties and Additional Properties (collectively referred to as “the Properties”, thus allowing abandonment and demolition of the existing DISTRICT Meadows 3 Pump Station.
- E. Transfer of sewer service from DISTRICT to CITY for the Properties will require completion of this Agreement and approval by the Local Agency Formation Commission (LAFCO) of a Detachment from the DISTRICT.



## AGREEMENT

NOW THEREFORE, it is agreed by and between CITY and DISTRICT as follows:

1. CITY shall be responsible for all gravity sewer service plan checking, design plan approvals, bonding, construction, construction inspection, and acceptance of all required wastewater facilities required to provide gravity sewer service for the Carrillo Village Properties.
2. In addition, CITY shall be responsible for all design and construction work required to connect the Additional Properties to the CITY sewer system including demolition of the Meadows 3 Pump Station and related facilities. CITY shall provide records of said expenses to LWD with a request for reimbursement of actual expenses.
3. DISTRICT shall reimburse CITY for the actual expense related to the connection of the Additional Properties to the CITY sewer system and Meadows 3 Pump Station demolition.
4. The parties may agree to have all or some of the work required by this agreement done as a joint project. The parties shall prepare bids and itemize costs for such work in a manner that allows costs to be allocated and paid by the responsible entity.
5. DISTRICT shall allow CITY, and authorized agents of the CITY, to access DISTRICT sewer easements for purposes of design and construction of new CITY gravity sewer facilities in the vicinity of the DISTRICT Meadows 3 Pump Station. Such access shall include construction of the new CITY sewer to be completed by horizontal directional drilling and/or open trench methods.
6. Sewer easements within the area of proposed detachment from the DISTRICT in La Costa Meadows Unit No. 3, Map No. 7076, were dedicated "on the map" per the language: "SEWER EASEMENT DEDICATED HEREON." All sewer easements will remain in effect. After detachment from the District of the Additional Properties, the CITY shall assume the benefit of the sewer easements as well as ownership and responsibility for the sewers serving the Additional Properties.
7. The existing sewer easements for the forcemain only from the Meadows No. 3 Pump Station could be quit claimed later by CITY after construction and detachment from DISTRICT are complete, and if requested in the future by the owners of La Costa Meadows Unit No. 3 Lots 553, 554, 555, and 556.
8. Upon completion of construction and connection of new off-site sewer facilities, CITY shall accept, collect, treat, and dispose of the wastewater generated from the Properties in accordance with its rules and regulations.

9. DISTRICT and CITY each agree to complete all actions required for processing through LAFCO of Detachment from DISTRICT for the Additional Properties. DISTRICT and CITY agree that either party may initiate the Detachment. CITY and DISTRICT agree to support the DISTRICT detachment regardless of initiating party.
10. CITY shall accept ownership and thereafter maintain, repair, and replace the sewer facilities serving the Properties after connection of Properties, and DISTRICT shall bear no responsibility, liability, or expense with respect to such maintenance, repair, and/or replacement.
11. DISTRICT shall provide as-built mylars in its possession for sewer facilities within the Properties to CITY after connection of the Properties to facilitate the ownership transfer and subsequent maintenance activities of the CITY.
12. Subject to District's obligation to reimburse CITY for certain work as provided in this Agreement, DISTRICT shall retain past annexation fees, if any, and any other charges, fees, assessments, or taxes previously received by DISTRICT for the Properties. DISTRICT shall further continue to receive any real property taxes attributable to the Additional Properties as long as the Additional Properties are located within the jurisdictional boundaries of DISTRICT. The preceding sentence shall not be construed to include retention of continuing service charges or fees for the provision of wastewater collection, treatment, and disposal services by DISTRICT, whether collected on a real property tax bill or otherwise.
13. CITY shall defend, indemnify and hold harmless DISTRICT and its officers, board members, employees, agents and consultants from any claim, loss, or other damages asserted against DISTRICT or its officers, board members, employees, agents or consultants occurring or alleged to have occurred as a result of the acts or omissions of CITY or any of its officers, board members, employees, agents, or consultants relating to the provision of sewer services by CITY under this Agreement.
14. DISTRICT shall defend, indemnify and hold harmless CITY and its officers, council members, employees, agents and consultants from any claim, loss, or other damages asserted against CITY or its officers, council members, employees, agents or consultants occurring or alleged to have occurred as a result of the acts or omissions of DISTRICT or any of their officers, board members, employees, agents, or consultants relating to the provision of sewer services by DISTRICT under this Agreement.
15. After connection and until such time as the Additional Properties are detached from DISTRICT jurisdiction by LAFCO, CITY and District agree to transition payment for sewer service from DISTRICT to CITY for Additional Properties

with interim payment direct from DISTRICT to CITY until such time as formal transition is made.

16. After the Additional Properties are detached from DISTRICT, CITY shall bill the sewer customers within the Additional Properties in accordance with standard CITY procedures for the provision of sewer services.
17. This Agreement shall remain in effect until such time as the sewer facilities anticipated by this Agreement are completed, sewer service to all Properties is being provided by CITY, and the Additional Properties are detached or de-annexed from LWD and approved by LAFCO for sewer service to be provided by CITY, or its successor agency, at which time this Agreement shall automatically terminate.
18. This Agreement shall inure to the benefit of and be binding upon the parties and their respective successors-in-interest.

Date: March 9, 2009

LEUCADIA WASTEWATER DISTRICT

By: 

District Manager

Date: 10/20/09

CITY OF CARLSBAD

By: 

Mayor

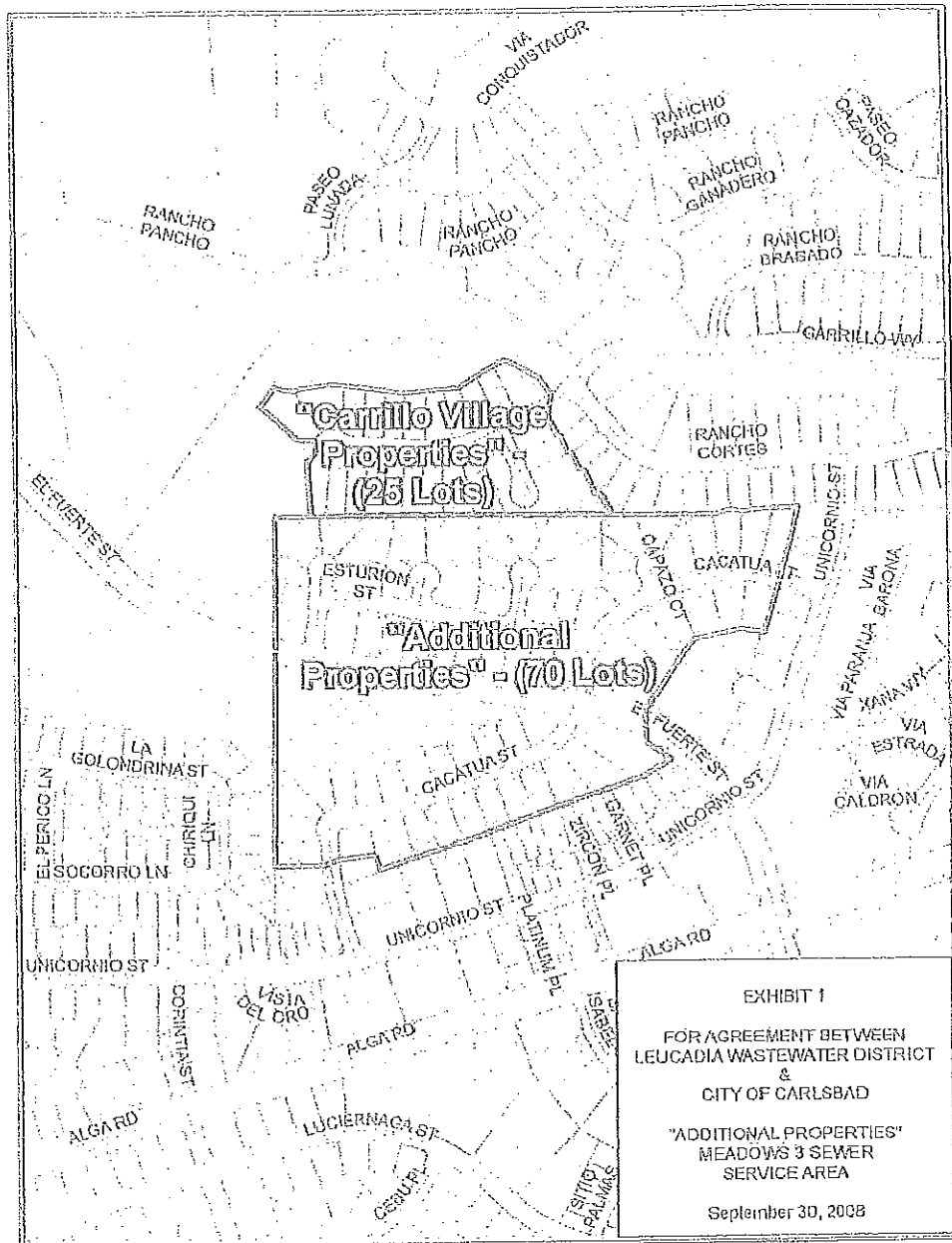
APPROVED AS TO FORM:

RONALD R. BALL

City Attorney


By: 

RONALD KEMP, Deputy City Attorney





**MEMORANDUM**

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** CASA Washington DC Conference

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**RECOMMENDATION:**

Staff requests that the Board of Directors:

1. Discuss and take action as appropriate

**DISCUSSION:**

CASA Washington DC Conference

This year's California Association of Sanitation Agencies (CASA) Washington DC conference is scheduled for March 8 - 10, 2010. Last year LWD sent two representatives to this conference. This item is placed before the Board to consider whether LWD should send a representative this year. Attached for your review is the save the date and informational email sent by Debbie Welch.

PJB

Attachment

**SAVE THE DATE**  
**6<sup>th</sup> Annual CASA Washington D.C. Conference**  
**March 8-10, 2010**  
**Hotel Monaco, 700 F Street, N.W., Washington, DC 20004**

In the coming weeks, Federal Legislative Committee Chair Sharon Green and Vice Chair Ann Farrell will be coordinating with the DC Conference Planning Committee and Staff to finalize the preliminary program. A preliminary program brochure will be provided at the CASA Mid-Year Conference, and a digital version will be distributed to members via email at that time.

Please plan to travel on Sunday, March 7; the conference program will commence on the morning of Monday, March 8 and conclude at noon on Wednesday, March 10. Please arrange your travel departure for Wednesday afternoon or evening.

Additional information and registration information will follow in the near future.

**Hotel Information**

Hotel Monaco Hotel Monaco, 700 F Street, N.W., Washington, DC 20004

Toll-free (800) 649-1202

[www.monaco-dc.com](http://www.monaco-dc.com)

CASA special room rate: \$289.00 plus tax

Room rate cut-off date: Friday, February 5, 2010

A limited number of rooms have been reserved for CASA delegates so please reserve your room early!


One night deposit is required; 72 hours cancellation notice policy

**Hotel Wait List**

If you are unable to get a room at the hotel at our special group rate, please contact Fiona Young at the CASA office to get on the hotel wait list. Anyone who must cancel a reservation should first call Fiona so the special group rate can be transferred to another CASA member on the wait list.

MEMORANDUM

Ref: 10-2329

DATE: January 11, 2010  
 TO: Board of Directors  
 FROM: Paul J. Bushee, General Manager   
 SUBJECT: Calendar Year 2010 Board of Directors' Meeting Schedule

RECOMMENDATION:

Staff requests that the Board of Directors:

1. Approve the Calendar Year 2010 Board of Directors' meeting schedule.
2. Discuss and take other action, as appropriate.

DISCUSSION:

During November 2009, the Board of Directors adopted Resolution No. 2205 fixing the date, time and place for regular meetings of the Board. According to the resolution, Board meetings will be held at the District Administration Building at 5:00 P.M. on the second Wednesday of each month unless changed by a motion of the Board at a regular meeting.


To avoid conflict with meetings of professional organizations in which the District is affiliated, the dates indicated in blue below have been changed from the second Wednesday of the month to the third Wednesday of the month. The conflicting meeting is indicated next to the revised date.

January 20, 2010	July 14, 2010
February 10, 2010	August 11, 2010
<b>March 17, 2010 (D. C. CASA Conference)</b>	September 8, 2010
April 14, 2010	October 13, 2010
<b>May 19, 2010 (CSDA Legislative Days)</b>	November 10, 2010
June 9, 2010	December 8, 2010

In accordance with the Resolution , staff requests that the Board of Directors approve the Calendar Year 2010 Board of Directors' meeting schedule (above) and take other action, as appropriate.

cl:PJB

**MEMORANDUM**

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** 2010 Board of Directors Committee Assignments

---

**RECOMMENDATION:**

1. Discuss and take action as appropriate.

**DISCUSSION:**

The Leucadia Wastewater District (LWD) Board President typically reviews committee assignments for the Board of Directors on an annual basis and makes appointments to the various committees as appropriate. To facilitate this discussion, a summary of current committee assignments and appointments is attached.

This item has been placed on the agenda for discussion by the Board of Directors. Staff has no recommendation on this matter. Staff will incorporate any revisions to LWD committees and respond to other public agencies as appropriate.

Attachment

cal:PJB





## Board of Directors' Committee Assignments

### Engineering Committee

President Allan Juliussen, Chair  
Director David Kulchin

### Investment & Finance Committee

Director Judy Hanson, Chair  
Vice President Donald Omsted

### Community Affairs Committee

Director Elaine Sullivan, Chair  
Vice President Donald Omsted

### Employee Recognition Committee

Director Elaine Sullivan, Chair  
Director Judy Hanson

### Human Resource Committee

Director Judy Hanson, Chair  
Director David Kulchin





## Board of Directors' and Manager Appointments and Assignments

### Encina Wastewater Authority Board of Directors/Joint Advisory Committee (JAC)

Director Elaine Sullivan  
President Allan Juliussen  
Paul Bushee, GM (Alternate)

#### **Other Assignments:**

#### President Allan Juliussen

- Encina Wastewater Authority Capital Improvement Committee (CIC) Member

#### Vice President Donald Omsted

- Batiqitos Lagoon Foundation Board member

#### Director Elaine Sullivan

- Encina Wastewater Authority Policy and Finance Committee
- Encina Joint Powers Financing Authority (EJPFA) Board Member
- California WaterReuse Financing Authority (CWFA) Secretary/Treasurer

#### Director Judy Hanson

- California Special Districts Association (CSDA) San Diego Chapter Past President
- San Diego County LAFCO Special Districts Advisory Committee Member
- California Sanitation Risk Management Association (CSRMA) Board Member
- California WaterReuse Financing Authority (CWFA) Board of Directors (Alternate)

#### Director David Kulchin

#### General Manager Paul Bushee

- Encina Wastewater Authority Member Agency Managers Committee
- CSRMA Executive Board Member
- CSRMA Board of Directors (Alternate)
- California WaterReuse Financing Authority (CWFA) Board Chair
- CASA Managers Committee, Vice Chair

## MEMORANDUM

Ref: 10-2340

**DATE:** January 11, 2010  
**TO:** Board of Directors  
**FROM:** Paul J. Bushee, General Manager  
**SUBJECT:** Shifting of the Chemical Feed Building



### RECOMMENDATION:

1. This item is presented for informational purposes.
2. Discuss and provide direction as appropriate.

### DISCUSSION:

The Chemical Feed Building is a key component of LWD's advanced water treatment program (AWT). Located approximately 70 feet north of the Water Recycling Facility, the western half of the building houses the sodium hypochlorite (chlorine disinfectant) and poly-alum (coagulant) storage tanks while the eastern half contains the chemical pumps and air compressor support equipment.

At the November 30, 2009 Engineering Committee (EC) meeting, staff reported that the western side of the Chemical Feed Building has experienced significant settling that damaged the sodium hypochlorite tank causing a leak. Staff has continued to provide recycled water to the golf course despite the leak; however, the problem needs to be corrected by installing a new storage tank. To install a new tank in the same location would also require the settling problem to be corrected using a grout injection process.

Concurrently, a section of pipe that transports air from the compressor (on the eastern side of the building) to the recycled water filters sprung a leak and needs to be repaired.



District Engineer Deering has prepared an analysis of LWD's options and costs to correct the sodium hypochlorite and air line leaks. A copy of the analysis is attached for your review.

*Analysis Summary:*

The analysis found the following:

- the cost to lift the west side of the Chemical Feed Building, using grout injection technology, would range between \$50,000 and \$80,000 depending on soil conditions and may not work;
- the cost of replacing the tank is estimated to be \$10,000; and
- the cost to repair the air leak is estimated to be \$5,000 or less and will require digging up the newly paved site.

As an alternative, the District Engineer presented an option recommending that a new sodium hypochlorite tank and a new air compressor be installed adjacent to the Water Recycling Facility at an estimated cost of \$43,000. This alternative would negate the need to: 1) lift the west side of the chemical feed building and 2) excavate the newly paved site. Locating these facilities closer to the Recycled Water Facility will also improve AWT operations.

Since the work would involve the purchase of several pieces of equipment under different purchase contracts, all of the contracts will fall within the general manager's purchasing authority. In light of this, no action is required on behalf of the EC or the Board of Directors.

**FISCAL IMPACT:**

The Fiscal Year 2010 Recycled Water Capital Acquisition Budget included an appropriation of \$80,000 to replace the sand in the sand filters. However, the sand has subsequently been tested and it was determined that it did not need to be replaced. Staff would use this funding for the repair work and it will be sufficient to cover all costs.

cal:PJB

Attachment

## Leucadia Wastewater District - MEMORANDUM

From: District Engineer  
 To: Field Services Manager and General Manager  
 Subject: Gafner Recycled Water Facilities (Gafner)

The 30'x30' Chemical Storage Structure constructed around 1993 as part of the Gafner Water Recycling Project has undergone significant differential settlement damaging the 6,000 gallon Sodium Hypochlorite tank and piping beyond repair. The chemical facilities have been temporarily patched and are currently in service with minor spillage being contained, as originally provided for. Additionally, severe leakage has rendered the air compressor supply piping to the Gafner filters unusable. The air line is currently bypassed with temporary above ground piping.

Several mitigation alternatives have been considered but are not recommended including:

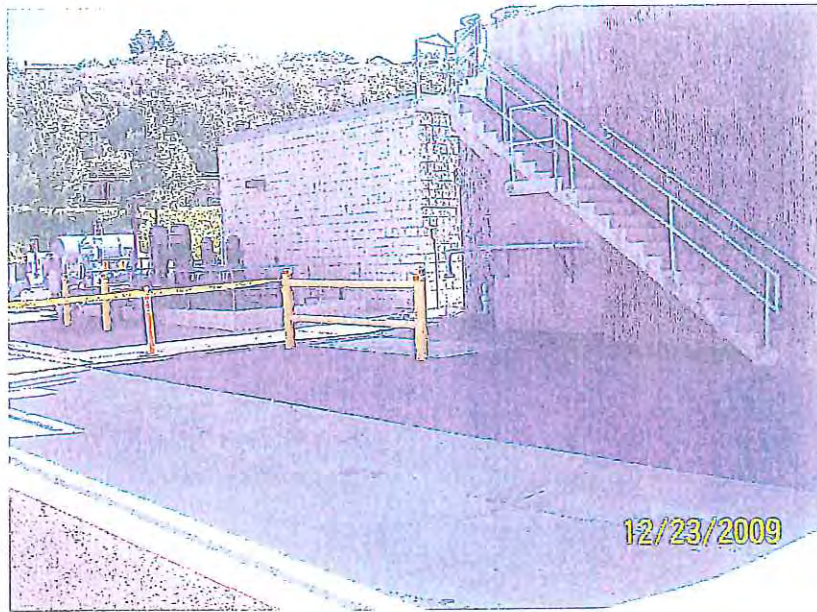
1. Do nothing – not an option if Gafner to remain functional;
2. Stabilize or level 30'x30' chemical storage area with compaction grouting – estimated cost of \$50,000 to \$80,000 with risk of not working;
3. Retrofit new level equipment pads in original locations – unacceptable risk of continued building settlement; and
4. Redistribute concrete mass in chemical storage area – expensive and risk of not working

Three actions are recommended, as follows:

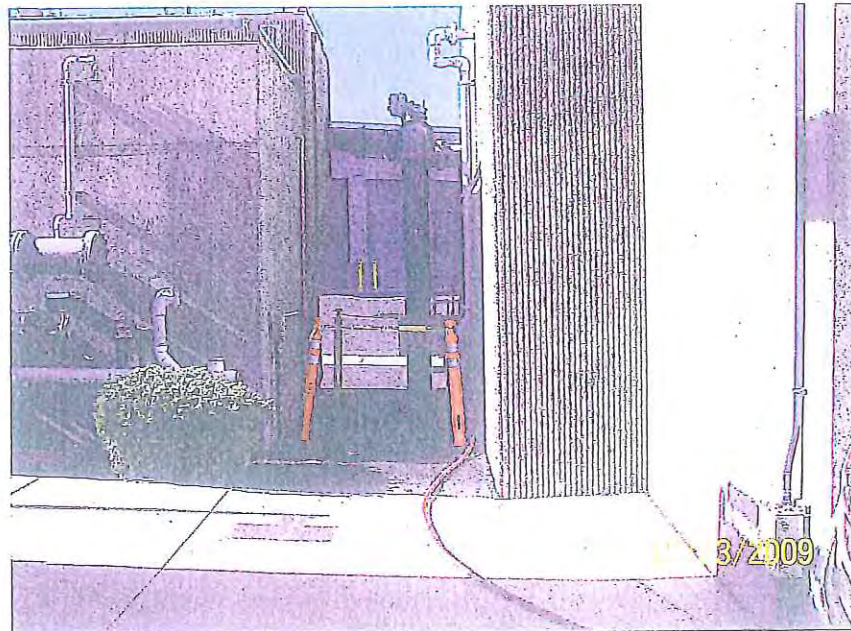
1. Immediately – purchase and locate new 5,000 gallon sodium hypochlorite and adjacent to the northerly side of the solids contact clarifier – leave building “as is” for time being. Locate smaller poly-alum facility within existing chemical equipment building with new suction piping and existing discharge piping. – Approximate estimated cost - \$31,000.
2. Purchase a new air compressor and mount it at the northerly side of the solids contact clarifier with new air piping to the filters. – Approximate estimated cost - \$13,000.
3. After confirmation of long-term viability of recycled water program - demolish westerly 30'x30' chemical storage area only, while attempting to salvage the easterly 30'x30' chemical equipment room. – Approximate estimated cost - \$105,000.

Staff proposes to purchase materials and act as general contractor. Various construction items will be bid and negotiated by staff and then authorized by Purchase Order. Electrical work will be completed by the District's normal electrical contractor, Berg Electric, Inc.





Proposed location of new  
Sodium Hypochlorite Equipment Pad and Tank North of Stairs

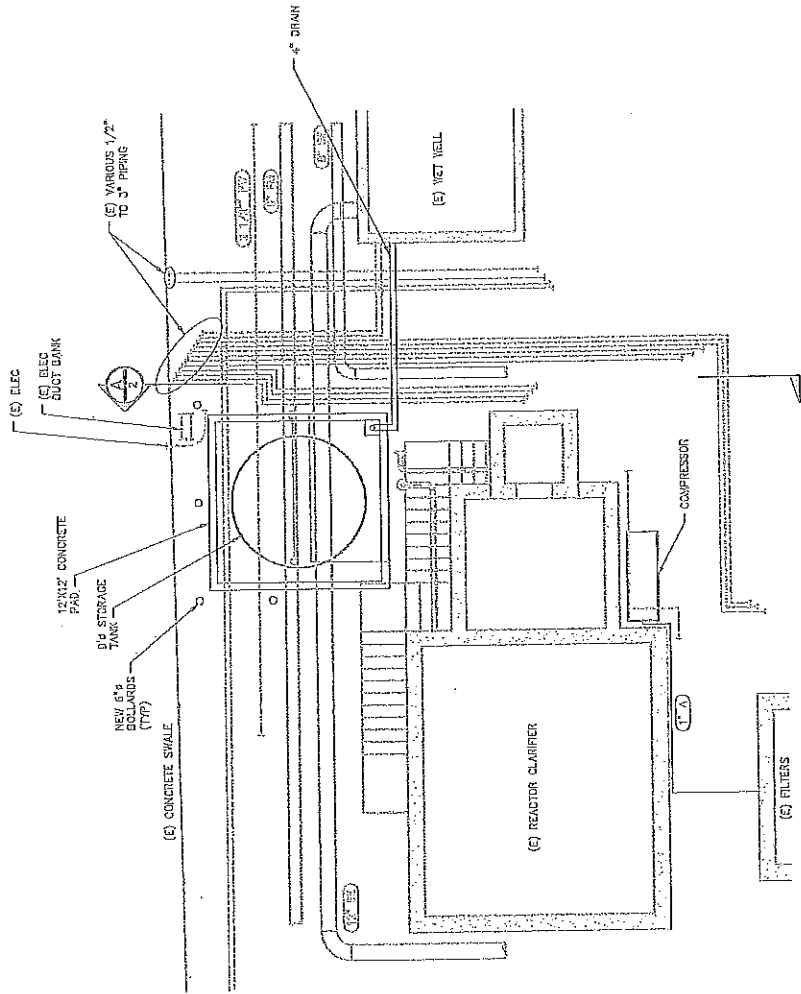


Proposed location of new Air Compressor  
Adjacent to South Side of Solids Contact Clarifier



Leucadia Wastewater District  
Gafner Title 22 Facilities Relocation

Item	Description	Quantity	Unit	\$/Unit	\$
<b>Purchase &amp; Install New NaOCl Facilities</b>					
1	Provide new Polyprocessing tank - 4925 gallons with NaOCl (bleach) liner delivered - 3 yr warranty	1	LS	\$ 8,430	\$ 8,430
2	Freight	1	LS	\$ 1,100	\$ 1,100
3	Concrete Pad for NaOCl Tank	5	CY	\$ 400	\$ 2,000
4	Off-loading and setting tank	1	LS	\$ 1,000	\$ 1,000
5	NaOCl connections and piping	1	LS	\$ 2,500	\$ 2,500
6	NaOCl Insulation and Coating	1	LS	\$ 3,300	\$ 3,300
7	Expansion Joint	1	LS	\$ 300	\$ 300
8	NaOCl Pump - Seepex PG - 1 to 10 gph at 20 psi	1	LS	\$ 4,000	\$ 4,000
9	Install NaOCl Pump	1	LS	\$ 1,000	\$ 1,000
10	Electrical on T&M	1	LS	\$ 2,000	\$ 2,000
11	Contingency - 20% of above	1	LS	\$ 5,126	\$ 5,126
	<b>Subtotal</b>				\$ 30,756
<b>Purchase &amp; Install New Air Compressor</b>					
1	Chicago Pneumatic Quiet Rotary Screw 10hp compressor with tank, 37 acfm at 125 psig	1	LS	\$ 7,000	\$ 7,000
2	Concrete Pad & Anchors	1	LS	\$ 1,500	\$ 1,500
3	Piping	1	LS	\$ 1,000	\$ 1,000
4	Electrical on T&M	1	LS	\$ 1,000	\$ 1,000
5	Contingency - 20% of above	1	LS	\$ 2,100	\$ 2,100
	<b>Subtotal</b>				\$ 12,600
<b>Demolish &amp; Restore Westerly Chem Storage Area</b>					
1	Remove approx 2,000 sf of reinforced mortar block	2000	SF	\$ 8	\$ 16,000
2	Remove raised concrete support pads	120	CY	\$ 200	\$ 24,000
3	Remove base slab - spare chem tank area	60	CY	\$ 200	\$ 12,000
4	Load and dispose of block & concrete	250	CY	\$ 20	\$ 5,000
5	Fill, compact, pave, restore area	2000	SF	\$ 15	\$ 30,000
6	Contingency - 20% of above	1	LS	\$ 17,400	\$ 17,400
	<b>Subtotal</b>				\$ 104,400



PLAN  
SCALE: 3/8"=1'-0"

**LEUCADIA WASTEWATER DISTRICT**  
 1000 LA COSTA AVE. CARLSBAD, CA 92008  
 PHONE: (760) 755-0135  
 FAX: (760) 755-0094

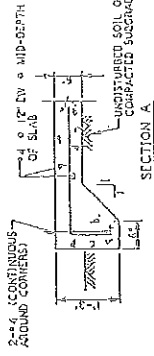
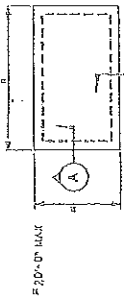
GARNER CHEMICAL FEED TANK AND COMPRESSOR

FIGURE  
 CS2 REV. 10

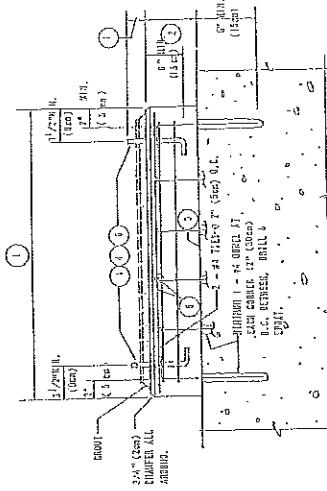
NO.	DATE	REVISIONS	BY	CHKD.



**DUDEK**  
 603 Third Street  
 Carlsbad, CA 92008  
 Telephone: 760-755-0135

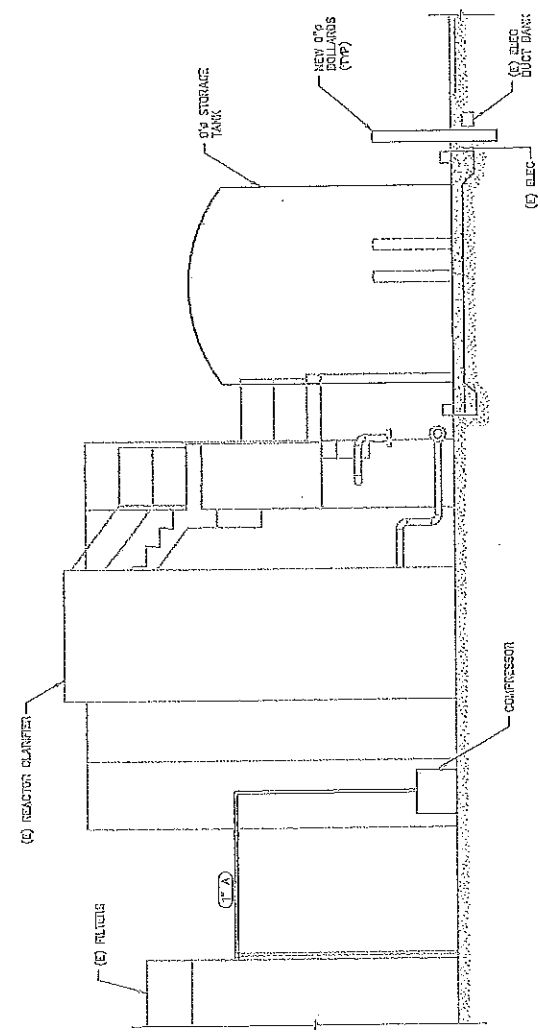


TYPICAL CONCRETE EQUIPMENT PAD  
NOT TO SCALE



1. AS REQUIRED BY OTHER APPROVED SHOP DRAWINGS.
2. ALL CONCRETE SHALL BE SET ON UNDISTURBED SOIL OR COMPACTED SUBGRADE.
3. TOP OF EXISTING CONCRETE. SEE NOTES FOR INFORMATION.
4. REINFORCING BARS - 1/2" (125) @ 12" O.C. @ EACH CORNER.
5. 1/2" (125) O.C. @ 12" O.C. @ EACH CORNER. SEE SMALL SURFACE FINISHING NOTES.
6. REINFORCING BARS SHALL BE SET ON TOP OF EXISTING CONCRETE.

EQUIPMENT BASE ON EXISTING CONCRETE  
NOT TO SCALE



SECTION  
SCALE 3/8"-1'-0"

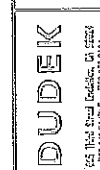
LEUCADIA WASTEWATER DISTRICT  
1000 LA BODA AVE. OAKLAND, CA 94612  
PHONE: (415) 763-2000  
FAX: (415) 763-2004

GARNER CHEMICAL FEED TANK AND COMPRESSOR

FIGURE

DDO REC. 110

NO.	DATE	REVISIONS	ISSUED BY	DESIGNED BY	CHECKED BY



DUDEK  
105 Hill Street, Berkeley, CA 94704  
Tel: (415) 841-1000  
Fax: (415) 841-1001

10/23/09 COAST NEWS

# City goes green with new water district building

By Wehtannah Tucker  
ENCINITAS

Government agencies are taking environmental sustainability seriously. In an effort to conserve energy and increase savings, the new Leucadia Wastewater District headquarters is going solar.

Solana Beach-based Sequoia Solar was awarded the solar photovoltaic contract for the Leucadia Wastewater District. The new building is designed with sustainability in mind and will incorporate a public kiosk to display the production of the solar arrays in real time, cumulative totals, positive environmental impact and carbon dioxide reduction. "The education component is

important because people will actually be able to see the savings when the solar panels are producing more energy than the offices are using," Jody Schmauss, Sequoia marketing director, said.

Sequoia Solar is a solar photovoltaic design and installation company with offices in Solana Beach, Palm Desert and Santa Rosa, Calif. With a team of both NABCEP certified and LEED Accredited Professionals, the company that opened in 2008 walks the talk, from its solar-powered headquarters and education center in Solana Beach, to hybrid sales vehicles and biodiesel powered installation trucks. The company even

uses system installations that are powered by a mobile solar power station.

The particular solar system that will be installed at the district saves not only energy but money as well. "There is a \$14,500 savings per year in electricity costs," Schmauss said. "That's a lot of money and it doesn't even take into consideration the positive environmental impacts."

In fact, the environmental offset is equivalent to 2,576 tons of carbon dioxide over 25 years, 44.1 acres of trees plant-

ed or 8,383,922 miles not driven.

"We are pleased and excited to have been selected to design and install the solar PV system for the district," said the company's CEO Marty Reed. "We also commend them for their concern for the environment, for promoting the improved health and safety of our community, and for reducing their operating costs by including solar energy into the design of their new facility."

The district collects, treats and disposes of approxi-

mately 4 million gallons of wastewater daily. The district covers a 16-square-mile service area that provides services to more than 60,000 residents in Leucadia, La Costa and portions of northern Encinitas.

The project will begin in November and should be complete within a month.

"This is a first of its kind around here," Schmauss said. "What's exciting about it is that once government entities see the benefits of solar we hope to have others inquiring how they can participate as well."

see you on  
the 20th!

Dear Board Members and Ms. Hill,  
Thank you so much for the  
awarding our school the  
Teacher Grant for library  
books. We are so happy  
and excited to order  
the water conservation material  
and to get them in circulation.  
Your dedication to the better-  
ment of the youth in our  
community is greatly  
appreciated! Thanks again, Susak  
Mary Cla





Creating New Sources of High Quality Water

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## WaterReuse California Annual Conference

The WaterReuse California Annual Conference is designed for individuals, organizations, and agencies that are associated with or interested in the design, management, operation, and use of water recycling and desalination facilities and projects in California. Conference attendees include water recycling leaders, public agency representatives, elected officials, customers, developers, consultants, teachers, operators, environmental groups, and other individuals interested in engaging in the dialog about water recycling and desalination.

### [2010 WaterReuse California Annual Conference](#)

Paradise Point Resort & Spa  
San Diego, CA  
March 7-9, 2010

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## Sunday Schedule

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<b>Sunday, March 7, 2010</b>	
8:45 a.m. - 11:00 a.m.	<a href="#">SeaWorld Behind the Scenes Technical Tour</a> (Limited to 40 people)
12:00 p.m. - 5:30 p.m.	Registration
1:00 p.m. - 5:00 p.m.	<b>Pre-Conference Workshops</b> <ul style="list-style-type: none"> <li>• <a href="#">WS1: Perspectives on Recycled Water Site Supervisor Training Workshop</a></li> <li>• <a href="#">WS2: Update on Operating Under the State Board's Recycled Water Policy Workshop</a></li> </ul>
3:00 p.m. - 3:30 p.m.	Networking Break
3:00 p.m. - 3:30 p.m.	Poster Sessions
3:00 p.m. - 7:00 p.m.	Exhibit Hall Open
5:30 p.m. - 7:00 p.m.	Welcome Reception

<b>Monday, March 8, 2010</b>			
7:30 a.m. - 3:30 p.m.	Registration		
7:30 a.m. - 3:30 p.m.	Exhibit Hall Open		
7:30 a.m. - 8:30 a.m.	Continental Breakfast		
8:30 a.m. - 9:30 a.m.	<a href="#">Opening Session</a>		
9:30 a.m. - 10:00 a.m.	Networking Break		
9:30 a.m. - 10:00 a.m.	Poster Sessions		
	<b>A1: Locally Produced</b>	<b>B1: Innovative Treatment</b>	<b>C1: Customer Relations</b>
10:00 a.m. - 10:30 a.m.	<a href="#">Camp Pendleton Seawater Desalination Feasibility Study - Cesar Lopez, San Diego County Water Authority</a>	<a href="#">Incorporating Reuse in a New Water Use Efficiency BMP Optimizer Tool - Stephen Davis, Malcolm Pirnie</a>	<a href="#">Customizing Recycled Water Marketing - Successful Strategies for Getting Your Customers Connected - Lois Humphreys, TRG &amp; Associates</a>
10:30 a.m. - 11:00 a.m.	<a href="#">Expanding the City of San Diego's Non-Potable Recycled Water System to Offload the Point Loma Wastewater Treatment Plant - Jennifer Thompson, City of San Diego</a>	<a href="#">Ions Exchange vs. VSEP for Optimized Salt Management in Lower Colorado River Water - Umur Yenal, University of Arizona</a>	<a href="#">Stimulating Recycled Water use Through Enhanced Customer On-Site Retrofit Guidance - Scott Goldman, RMC Water and Environment</a>
11:00 a.m. - 11:30 a.m.	<a href="#">Southern California Regional Brine-Concentrate Management Study - Scott Lynch, CH2M HILL</a>	<a href="#">Innovative Recycled Water Desalination Solution at the Cache Creek Casino Resort - Jason Brabec, HydroScience Engineers</a>	<a href="#">Recycled Water + Conservation = Program-Wide Success in Redwood City - Mary Trail, Kennedy/Jenks Consultants</a>
11:30 a.m. - 12:00 p.m.	<a href="#">Local Groundwater Source Opportunities in the San Pasqual Valley by Brackish Water Membrane Desalination - Joel Bowdan, RBF Consulting</a>	<a href="#">City of Los Angeles, Donald C. Tillman Water Reclamation Plant 80 mgd Cloth Filtration Upgrade Project - Greg Bradshaw, HDR Engineering</a>	<a href="#">Managing Salinity through Site Management in Redwood City - Anita Jain, Whitley Burchett &amp; Associates</a>
12:00 p.m. - 1:30 p.m.	Awards Luncheon and Annual Membership Meeting		
	<b>A2: Water Quality and Emerging Health</b>	<b>B2: Membrane Bioreactors(MBRs)</b>	<b>C2: Desalination and Brine Management</b>
1:30 p.m. - 2:00 p.m.	<a href="#">Methods for Achieving Lower Metals Reporting</a>	<a href="#">MBR Trends: An Overview of the MBR</a>	<a href="#">Zero Liquid Discharge Desalination Using</a>



	<a href="#">Limits in High Saline Samples</a> - Trevor Brenner, TestAmerica Laboratories	<a href="#">Evolution and Future Process Innovations</a> - R. Shane Trussell, Trussell Technologies	<a href="#">Electrodialysis Metathesis and MIEX: Results from a Water Research Foundation Project</a> - Rick Bond, Black & Veatch
2:00 p.m. - 2:30 p.m.	<a href="#">Can Models Predict Removal Efficiencies of Microconstituents in Reuse Projects?</a> - Ufuk Erdal, CH2M HILL	<a href="#">Integration of MBR with RO for Water Reuse - Industrial Applications</a> - John Koch, Koch Membrane Systems	<a href="#">A Sophisticated Approach to Concentrate Management - A Case Study in Santa Maria California</a> - Anne Lynch, CH2M HILL
2:30 p.m. - 3:00 p.m.	<a href="#">Ozone for Effective Removal of Endocrine Disrupting Compounds</a> - Susan Neal, ITT Water & Wastewater	<a href="#">Recycling Water Filtration Membranes for Sustainable Cost Savings</a> - Zeynep Erdal, CH2M HILL	<a href="#">Design Solutions for Achieving Zero Liquid Discharge Water Treatment Facility in Southern California</a> - Scott Boettcher, CH2M HILL
3:00 p.m. - 3:30 p.m.	Networking Break		
3:00 p.m. - 3:30 p.m.	Poster Sessions		
	<b>A3: Research</b>	<b>B3: Case Studies</b>	<b>C3: Desalination</b>
3:30 p.m. - 4:00 p.m.	<a href="#">Disinfection of Tertiary Effluent Using Surfactant Loaded Minerals, Ozone, and UV</a> - Temesgen Garoma, San Diego State University	<a href="#">Role of Community Social Infrastructure in Implementing Water Reuse Projects for Agricultural Irrigation</a> - Ganesh Keremane, University of South Australia	<a href="#">Application of Slant Well Technology for Feedwater Supply for Ocean Desalination</a> - Richard Bell, Municipal Water District of Orange County
4:00 p.m. - 4:30 p.m.	<a href="#">Disinfection of Poliovirus and MS2 Coliphage with Free Chlorine and Chloramines in Reclaimed Waters</a> - Fred Soroushian and Jonathan Kocher, CH2M HILL	<a href="#">Bi-Coastal Evolution of Water Reuse and Recycling in Florida and California</a> - Ane Deister, Brown and Caldwell	<a href="#">Design and Development of the Under Ocean Floor Seawater Intake and Discharge System for the Long Beach County Water Department</a> - Sunny Wang, Black & Veatch
4:30 p.m. - 5:00 p.m.	<a href="#">A Rapid Bioluminescent Assimilable Organic Carbon (AOC) and Inhibition Assay</a> - Menu Leddy, Orange County Water District	<a href="#">WWTP Plant Expansion using Sustainable Development Practices: Water Reuse and Beyond</a> - James DeCarolis, MWH	<a href="#">Energy Optimization in Low Pressure RO Membrane Desalination Unit</a> - Mark Wilf, Tetra Tech
5:30 p.m. - 7:00 p.m.	President's Reception		

<b>Tuesday, March 9, 2010</b>			
7:30 a.m. - 12:00 p.m.	Registration		
7:30 a.m. - 9:00 a.m.	Gordon Cologne Breakfast		
9:00 a.m. - 2:00 p.m.	Exhibit Hall Open		
9:00 a.m. - 9:30 a.m.	Networking Break		
9:00 a.m. - 9:30 a.m.	Poster Sessions		
	<b>A4: Salinity Management</b>	<b>B4: Indirect Potable Reuse</b>	<b>C4: Planning/Sustainability</b>
9:30 a.m. - 10:00 a.m.	<a href="#">Approach to Salt and Nutrient Management in the San Fernando Groundwater Basin: A Collaborative and Proactive Approach</a> - Todd Rother, Los Angeles Department of Water and Power	<a href="#">Indirect Potable Reuse - California Draft Criteria For Groundwater Recharge With Reclaimed Water &amp; Emerging Contaminant Control</a> - Brian Bernados, California Department of Public Health	A Strategic Plan for a Sustainable Future - Integration and Preservation of Resources - Joseph Zoba, Yucaipa Valley Water District
10:00 a.m. - 10:30 a.m.	<a href="#">Effective Nutrient Management for Indirect Potable Reuse Systems: How much Treatment is Enough?</a> - Richard Cisterna, Hazen and Sawyer	<a href="#">Groundwater Replenishment System: Operation from Pilot, Demonstration, and Full-Scale Systems</a> - Eric Owens, Separation Processes	<a href="#">Water Independence Now (WIN): Creating a Locally Sustainable Water Supply for South Los Angeles County</a> - Robb Whitaker, Water Replenishment District of Southern California
10:30 a.m. - 11:00 a.m.	<a href="#">City of Davis Year-Round Reuse Evaluation</a> - Kathryn Geis, West Yost Associates	<a href="#">Expanding to 100 MGD: The Next Phase of the Groundwater Replenishment System</a> - Shivaji Deshmukh, Orange County Water District	<a href="#">Watsonville Recycled Water Project Story: Preserving Agriculture in the Pajaro Valley</a> - Marc Nakamoto, RMC Water and Environment
11:00 a.m. - 11:30 a.m.	<a href="#">Predesign and Permitting of the Marina Coast Water District Seawater Desalination Plant</a> - Celine Trussell, Trussell Technologies	<a href="#">City of San Diego's Indirect Potable Reuse/Reservoir Augmentation Demonstration Project</a> - Marsi Steirer, City of San Diego	<a href="#">City of San Diego's Water Recycling Study - The Push to Maximizing Water Recycling</a> - Amy Dorman, City of San Diego
11:30 a.m. - 1:30 p.m.	<a href="#">Town Hall Session and Luncheon</a>		
1:30 p.m. - 2:00 p.m.	Networking Break		
1:30 p.m. - 2:00 p.m.	Poster Sessions		
1:30 p.m. - 5:00 p.m.	<a href="#">Carlsbad Desalination &amp; Recycled Water Facilities Technicl Tour</a> (Limited to 50 people)		
	<b>A5:</b>	<b>B5:</b>	<b>C5:</b>



	<b>Public Outreach and Education</b>	<b>Planning</b>	<b>Regulatory Policies and Legal Issues</b>
2:00 p.m. - 2:30 p.m.	<a href="#">You and Facebook: Passing Fad or Effective Outreach Tool?</a> - <i>Juan Diaz-Carreras, MWH</i>	<a href="#">The RARE Water Project: High Purity Recycled Water For Refinery Boilers</a> - <i>Alice Towey, East Bay Municipal Utility District</i>	Washington's New Reclaimed Water Rule - Setting Groundwater Recharge Standards and Addressing Trace Organics - <i>Jim McCauley, Washington Department of Ecology</i>
2:30 p.m. - 3:00 p.m.	<a href="#">Sustainable Water Supplies for Los Angeles: Partnering with the Community on Recycled Water Use</a> - <i>Serge Haddad, Los Angeles Department of Water &amp; Power</i>	<a href="#">Evaluating Recycled Water for Turfgrass Irrigation</a> - <i>Anni Luck, Hazen and Sawyer</i>	<a href="#">Environmental Considerations in Developing Seawater Desalination in California</a> - <i>Joe Monaco and Soma Bhadra, Dudek</i>
3:00 p.m. - 3:30 p.m.	<a href="#">You Want Me to Drink What??</a> - <i>Sara Katz, Katz &amp; Associates</i>	<a href="#">Crossing That Creek - Constructing a Recycled Water Pipeline in Conjunction with Caltrans</a> - <i>Greg Cummings, Kennedy/Jenks Consultants</i>	<a href="#">PANEL: Adaptive Management and Water Reuse in Impaired Watersheds: A Cautionary Tale</a> - <i>Jeremy Jungreis, U.S. Marine Corps, David Aladjem, Downey Brand and Donna Downing, U.S. EPA</i>
3:30 p.m. - 4:00 p.m.	<a href="#">Target Marketing and Technical Assistance Engages New and Current Customers</a> - <i>Elmer Alex, Winzler &amp; Kelly</i>		

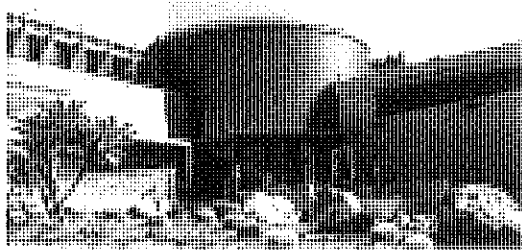


# Encinitas First Newspaper

## January 2010 edition

### Wastewater District celebrates 50 years with new offices

#### CHAMBER PROFILE



CARLSBAD — Leucadia Wastewater District recently celebrated 50 years of service and dedicated its new facility at La Costa Avenue and El Camino Real. The district provides wastewater collection and recycled water service to communities within Encinitas, La Costa and Leucadia. It also provides recycled water for the La Costa Resort golf course.

"We're proud of all the accomplishments from our current employees and the two local residents who laid the foundation for us more than 50 years ago," said Director Judy Hanson.

"Since we're located in a shopping center, we wanted our neighbors to join us, so we could tell them that we appreciated their patience

with our construction during the last 18 months," said David Kulchin, Leucadia Wastewater District board president.

Leucadia Wastewater District is categorized as one of a limited number of public agencies in the state that operates independently of local government. The original five board members met at a small home on Neptune Street in the early years. Today, there are still five board members that provide oversight for the district.

The original facilities were constructed in the early 1960s when the district began with a 400-acre serv-

ice area. Today, the district encompasses a 9,500-acre (16-square-mile) area. In addition to safely maintaining the 190 miles of gravity pipelines and 11 pump stations that transport wastewater to the Encina Water Pollution Control Facilities, the district operates a recycled water treatment plant that provides recycled water to the city of Carlsbad for landscaping use.

"We achieved funding for the approximately \$9 million construction project through proactively establishing a Capital Improvement Project

■ see Wastewater on 15

#### Wastewater continued from 15

account years ago when we were planning for our future needs," Kulchin said.

The San Diego County Board of Education's Splash Mobile Lab, the Encina Wastewater Authority, Batiquitos Lagoon Foundation and LWD's Teacher Grant Program recipient provided environmental learning opportunities at the event.

Leucadia Wastewater District is located at 1960 La Costa Ave. in Carlsbad. They are open from 8 a.m. to 5 p.m. Call (760) 753-0155 or visit [www.lwwd.org](http://www.lwwd.org) for more.

# Directors' Meetings

Presented by Directors Sullivan and Hanson

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## Conference

2010 CASA Mid-Year Conference

## Dates and Location

January 13 – 15, 2010

Palm Desert, CA

## List of Attendees

President Allan Juliussen

Vice President Don Omsted

Director Dave Kulchin

Director Elaine Sullivan

Director Judy Hanson

The above mentioned Board members attended the following various sessions regarding water and wastewater issues:

- ❖ Controlling Employee Benefit Costs
- ❖ Directors & Managers Tool Box: SWOT
- ❖ Land Issues Forum: Biosolids
- ❖ Air Issues Forum: Fuel Cell Project
- ❖ Water Issue Forum: Stormwater permit, SWRCB Updates, Marine Life Protection Act, NPDES Fees