

**AGENDA**

**ENGINEERING COMMITTEE MEETING  
LEUCADIA WASTEWATER DISTRICT**  
Thursday, April 7, 2011 – 8:30 a.m.  
1960 La Costa Avenue, Carlsbad, CA 92009

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1. **Call to Order**
2. **Roll Call**
3. **Public Comment**
4. **Old Business**  
None
5. **New Business**
  - A. Preliminary Fiscal Year 2012 (FY12) Capital Budget Review (Pages 1 - 6)
6. **Information Items**
  - A. Batiquitos Force Main Repair Project - Verbal Report
  - B. Asset Management Plan - Pipe Lining Project - Verbal Report
7. **Director's Comments**
8. **General Manager's Comments**
9. **Adjournment**

## MEMORANDUM

**DATE:** March 31, 2011  
**TO:** Engineering Committee  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Preliminary Fiscal Year 2012 (FY 12) Capital Budget Review

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**RECOMMENDATION:**

This item is presented for information purposes.

**DISCUSSION:**

As directed by the Board of Directors, the Engineering Committee reviews and discusses the proposed capital budget in an effort to develop a recommendation for consideration by the Board. Attached please find a copy of the Draft FY 12 Capital Budget. The capital budget has been broken out into the Capital Acquisition Program (capital purchases) and the Capital Improvement Program (infrastructure construction projects and improvements).

The Capital Acquisition Program is comprised of two components, the Wastewater Enterprise which includes the jointly owned Batiquitos Pump Station and the Recycled Water Enterprise. The proposed Wastewater Enterprise Capital Acquisition Budget is \$68,000 and the Recycled Water Enterprise Capital Acquisition budget is \$18,000. Combined, the total Capital Acquisition Program budget for FY 12 is \$86,000.

The Capital Improvement Program budget is comprised of the Wastewater Enterprise and Recycled Water Enterprise. For FY 12, a total of \$4,482,000 has been budgeted for wastewater infrastructure repair and improvement projects. For the Recycled Water Enterprise, \$30,000 has been budgeted for the North San Diego County Regional Recycled Water Project. Therefore, the total Capital Improvement Program budget is \$4,512,000. As of this meeting, no information on the FY12 Encina Wastewater Authority (EWA) capital budget has been received. Once this information is received, the capital budget will be revised to include EWA capital costs and total District labor costs associated with the District's capital program.

Staff will provide an overview presentation of the preliminary Capital Budget at the committee meeting. Staff will incorporate any amendments, feedback, or suggestions by the Committee into the budget document and work towards finalizing the Capital Budget.

cal:PJB

Attachments

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM APPROPRIATIONS SUMMARY  
FISCAL YEAR 2012**

Location Code	PROJECTS	Prior Appropriations 1	Projected Cumulative Expenditures 2	Projected Remaining Appropriations 3 = (1 - 2)	Projected Carryover 4	FY 2012 Appropriation 5	Projected Remaining CIP Appropriation 6 = (4 + 5)
329	<i>Leucadia Multi-year CIP:</i>						
	Occidental Line/Manhole Repair	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
330	Lanikai Line Repair	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
	<b>Leucadia CIP Total:</b>	\$ -	\$ -	\$ -	\$ -	\$ 415,000	\$ 415,000
328	<i>Recycled Water Program:</i>						
	North SD County Regional Recycled Water Project	\$ 30,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 30,000	\$ 40,000
	<b>Recycled Water Program Total:</b>	\$ 30,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 30,000	\$ 40,000
	<i>Asset Management Program:</i>						
335	Asset Management Plan Update	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
326	Batiquitos Pump Station Rehabilitation	\$ 670,000	\$ 294,550	\$ 375,450	\$ 375,450	\$ 3,566,500	\$ 3,941,950
333	Force Main Corrosion Project	\$ 1,572,900	\$ 1,457,300	\$ 115,600	\$ 115,600	\$ 109,500	\$ 225,100
334	Gravity Pipeline Repair/Replacement	\$ 110,000	\$ 95,000	\$ 15,000	\$ 15,000	\$ -	\$ 15,000
331	Leucadia Pump Station Generator Replacement	\$ -	\$ -	\$ -	\$ -	\$ 21,000	\$ 21,000
332	La Costa Pump Station Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
	<b>Asset Management Program Total:</b>	\$ 2,352,900	\$ 1,846,850	\$ 506,050	\$ 506,050	\$ 3,832,000	\$ 4,338,050
077	<i>Leucadia Ongoing Rehabilitation:</i>						
	Miscellaneous Pipeline Rehabilitation	\$ 100,000	\$ 85,000	\$ 15,000	n/a	\$ 100,000	\$ 100,000
323	Lateral Replacement / Backflow Preventer Program	\$ 100,000	\$ 48,000	\$ 52,000	n/a	\$ 100,000	\$ 100,000
	<b>Leucadia Rehab Total:</b>	\$ 200,000	\$ 133,000	\$ 67,000	n/a	\$ 200,000	\$ 200,000
072	<i>Encina Wastewater Authority:</i>						
	Capital Improvement Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Planned Asset Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Capital Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>EWA Capital Program Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
302	Professional Services					\$ 35,000	
499	LWD Labor					\$ -	
	<b>CAPITAL PROGRAM TOTAL</b>	\$ 2,582,900	\$ 1,999,850	\$ 583,050	\$ 516,050	\$ 4,512,000	\$ 4,993,050

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2012**

Description	FY 11 Budget	FY 12 Budget	Cost Allocation Growth	Replacement
<b>Leucadia Multi-year Projects</b>				
<b>Occidental Line / Manhole Repair (329)</b>				
Direct Labor	50-51-329-4110	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-329-4299	\$ -	\$ -	\$ -
Design	50-51-329-5211	\$ -	\$ 15,000	\$ 15,000
Office Engineering	50-51-329-5211	\$ -	\$ 10,000	\$ 10,000
Construction Management	50-51-329-5212	\$ -	\$ 15,000	\$ 15,000
District Engineering Services	50-51-329-5213	\$ -	\$ 10,000	\$ 10,000
Permitting/Environmental	50-51-329-5214	\$ -	\$ 4,000	\$ 4,000
Public Outreach	50-51-329-5216	\$ -	\$ -	\$ -
Construction	50-51-329-6499	\$ -	\$ 196,000	\$ 196,000
<b>Total Occidental Line/Manhole Repair</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ 250,000</b>
<b>Lanikai Line Repair (330)</b>				
Direct Labor	50-51-330-4110	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-330-4299	\$ -	\$ -	\$ -
Design	50-51-330-5211	\$ -	\$ 40,000	\$ 40,000
Office Engineering	50-51-330-5211	\$ -	\$ -	\$ -
Construction Management	50-51-330-5212	\$ -	\$ -	\$ -
District Engineering Services	50-51-330-5213	\$ -	\$ 5,000	\$ 5,000
Permitting/Environmental	50-51-330-5214	\$ -	\$ 20,000	\$ 20,000
Public Outreach	50-51-330-5216	\$ -	\$ -	\$ -
Construction	50-51-330-6499	\$ -	\$ 100,000	\$ 100,000
<b>Total Lanikai Line Repair</b>	<b>\$ -</b>	<b>\$ 165,000</b>	<b>\$ -</b>	<b>\$ 165,000</b>
<b>Recycled Water Program</b>				
<b>North SD County Regional RW Project (NSDCRRWP) (328)</b>				
Title XVI Funding Effort	50-51-328-5211	\$ -	\$ 15,000	\$ 7,500
Design	50-51-328-5211	\$ -	\$ 5,000	\$ 2,500
District Engineering Services	50-51-328-5213	\$ -	\$ 10,000	\$ 5,000
<b>Total NSDCRRWP</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>
<b>Asset Management Program</b>				
<b>Asset Management Plan Update (335)</b>				
Direct Labor	50-51-318-4110	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-318-4299	\$ -	\$ -	\$ -
Engineering Consulting Services	50-51-318-5211	\$ -	\$ 85,000	\$ 85,000
District Engineering Services	50-51-318-5213	\$ -	\$ 5,000	\$ 5,000
<b>Total Asset Management Plan Update</b>	<b>\$ -</b>	<b>\$ 90,000</b>	<b>\$ -</b>	<b>\$ 90,000</b>
<b>Batiquitos Pump Station Rehabilitation (326)</b>				
Direct Labor	50-51-326-4110	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-326-4299	\$ -	\$ -	\$ -
Design	50-51-326-5211	\$ 80,000	\$ 131,500	\$ 131,500
Office Engineering	50-51-326-5211	\$ -	\$ 175,000	\$ 175,000
Construction Management	50-51-326-5212	\$ -	\$ 245,000	\$ 245,000
District Engineering Services	50-51-326-5213	\$ -	\$ 5,000	\$ 5,000
Permitting / Environmental	50-51-326-5214	\$ 80,000	\$ -	\$ -
Public Outreach	50-51-326-5216	\$ -	\$ -	\$ -
Construction	50-51-326-6499	\$ 450,000	\$ 3,010,000	\$ 3,010,000
<b>Total Batiquitos Pump Station Rehabilitation</b>	<b>\$ 610,000</b>	<b>\$ 3,566,500</b>	<b>\$ -</b>	<b>\$ 3,566,500</b>
<b>Force Main Corrosion Project (333)</b>				
Direct Labor	50-51-333-4110	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-333-4299	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-333-5211	\$ -	\$ 16,500	\$ 16,500
Consultant Engineering Services-Study	50-51-333-5211	\$ -	\$ -	\$ -
Office Engineering	50-51-333-5211	\$ 14,200	\$ 16,500	\$ 16,500
Construction Management	50-51-333-5212	\$ 30,300	\$ 16,500	\$ 16,500
District Engineering Services	50-51-333-5213	\$ -	\$ 10,000	\$ 10,000
Permitting/Environmental	50-51-333-5214	\$ 10,100	\$ -	\$ -
Public Outreach	50-51-333-5216	\$ -	\$ -	\$ -
Construction	50-51-333-6499	\$ 1,208,300	\$ 50,000	\$ 50,000
<b>Total Force Main Corrosion Project</b>	<b>\$ 1,262,900</b>	<b>\$ 109,500</b>	<b>\$ -</b>	<b>\$ 109,500</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2012**

Description		FY 11 Budget	FY 12 Budget	Cost Allocation Growth	Replacement
<b>Gravity Pipeline Repair/Replacement (334)</b>					
Direct Labor	50-51-334-4110	\$ -	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-334-4299	\$ -	\$ -	\$ -	\$ -
Design	50-51-334-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-334-5211	\$ 7,500	\$ -	\$ -	\$ -
Construction Management	50-51-334-5212	\$ 11,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-334-5213	\$ -	\$ -	\$ -	\$ -
Permitting / Environmental	50-51-334-5214	\$ 7,500	\$ -	\$ -	\$ -
Public Outreach	50-51-334-5216	\$ -	\$ -	\$ -	\$ -
Construction	50-51-334-6499	\$ 84,000	\$ -	\$ -	\$ -
<b>Total Gravity Pipeline Repair/Replacement</b>		<b>\$ 110,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Leucadia Pump Station Generator Replacement (331)</b>					
Direct Labor	50-51-331-4110	\$ -	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-331-4299	\$ -	\$ -	\$ -	\$ -
Design	50-51-331-5211	\$ -	\$ 21,000	\$ -	\$ 21,000
Office Engineering	50-51-331-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-331-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-331-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-331-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-331-5216	\$ -	\$ -	\$ -	\$ -
Construction	50-51-331-6499	\$ -	\$ -	\$ -	\$ -
<b>Total LPS Generator Replacement</b>		<b>\$ -</b>	<b>\$ 21,000</b>	<b>\$ -</b>	<b>\$ 21,000</b>
<b>La Costa Pump Station Rehabilitation (332)</b>					
Direct Labor	50-51-332-4110	\$ -	\$ -	\$ -	\$ -
Administrative Labor Overhead Allocation	50-51-332-4299	\$ -	\$ -	\$ -	\$ -
Design	50-51-332-5211	\$ -	\$ 45,000	\$ -	\$ 45,000
Office Engineering	50-51-332-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-332-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-332-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-332-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-332-5216	\$ -	\$ -	\$ -	\$ -
Construction	50-51-332-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Lanikal Line Repair</b>		<b>\$ -</b>	<b>\$ 45,000</b>	<b>\$ -</b>	<b>\$ 45,000</b>
<b>Leucadia Ongoing Rehabilitation</b>					
<b>Misc Pipeline/Manhole Repair (077)</b>					
Direct Labor	50-51-077-4110	\$ -	\$ -	\$ -	\$ -
Design	50-51-077-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-077-5212	\$ -	\$ -	\$ -	\$ -
Environmental	50-51-077-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-077-5216	\$ -	\$ -	\$ -	\$ -
Construction	50-51-077-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
<b>Total Misc Pipeline/Manhole Repair</b>		<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Lateral Replacement / Backflow Preventer Program (323)</b>					
Direct Labor	50-51-323-4110	\$ -	\$ -	\$ -	\$ -
Program costs	50-51-323-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
<b>Total Lateral / Backflow Program</b>		<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Encina Wastewater Authority</b>					
<b>EWA Capital Program (072)</b>					
<i>EWA Capital Projects:</i>					
District Labor	50-51-072-4110	\$ -	\$ -	\$ -	\$ -
CIP Expenses	50-51-072-6420	\$ 989,457	\$ -	\$ -	\$ -
Administrative Labor O/H	50-51-072-4299	\$ -	\$ -	\$ -	\$ -
<i>EWA Planned Asset Replacement</i>					
Planned Asset Replacement	50-51-072-6420	\$ 234,453	\$ -	\$ -	\$ -
Prof Engineering Services	50-51-072-6420	\$ -	\$ -	\$ -	\$ -
EWA Labor	50-51-072-6420	\$ -	\$ -	\$ -	\$ -
<b>Subtotal PAR</b>	<b>50-51-072-6420</b>	<b>\$ 234,453</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<i>Capital Acquisitions</i>					
	50-51-072-6420	\$ 127,580	\$ -	\$ -	\$ -
<b>Total EWA Capital Program</b>		<b>\$ 1,351,490</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

LEUCADIA WASTEWATER DISTRICT  
 CAPITAL IMPROVEMENT PROGRAM BUDGET  
 FISCAL YEAR 2012

Description	FY 11 Budget	FY 12 Budget	Cost Allocation	
			Growth	Replacement
<b>Professional Services (302)</b>				
District Engineering Services                      50-51-302-5213	\$ 65,000	\$ 35,000	\$ -	\$ 65,000
<b>Total Professional Services</b>	<b>\$ 65,000</b>	<b>\$ 35,000</b>	<b>\$ -</b>	<b>\$ 65,000</b>
<b>LWD Labor (499)</b>				
Direct Labor    50-51-499-4110	\$ -	\$ -	\$ -	\$ -
Administration Labor                                50-51-499-6995	\$ -	\$ -	\$ -	\$ -
<b>Total LWD Labor</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL CIP PROGRAM</b>				
	<b>\$ 3,599,390</b>	<b>\$ 4,512,000</b>	<b>\$ 15,000</b>	<b>\$ 4,527,000</b>

**Leucadia Wastewater District  
Fiscal Year 2012 Capital Budget  
Capital Acquisition Expense Detail**

Acct #		<u>FY 11 Budget</u>	<u>FY 11 Projected</u>	<u>FY 12 Budget</u>	<u>% Change Proj to Bud</u>
<b><u>6300 Capital Acquisition</u></b>					
<b><u>Wastewater (LWD Facilities)</u></b>					
50-99-000	6310 Vehicle Acquisition				
	Utility Vehicles	\$ 50,000	\$ 50,000	\$ -	-100%
	<b>Subtotal Vehicle Acquisition</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>-100%</b>
50-99-000	6350 Sewer Maintenance Equipment				
	Replace CCTV Equipment	\$ 34,000	\$ 23,000	\$ 12,000	-48%
	Inflow Domes/Riser Rings/Seals/Air Vacs	\$ 30,000	\$ 30,000	\$ 30,000	0%
	<b>Subtotal Sewer Maint Equipment</b>	<b>\$ 64,000</b>	<b>\$ 53,000</b>	<b>\$ 42,000</b>	<b>-21%</b>
50-99-000	6360 Office Equipment				
	Replace Computers	\$ 19,000	\$ 17,000	\$ -	-100%
	IS Network Upgrades	\$ 6,000	\$ 8,000	\$ -	-100%
	<b>Subtotal Office Equipment</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>-100%</b>
50-99-000	6380 Pump Station Equipment				
	Replace SCADA Equipment	\$ 4,000	\$ 4,000	\$ -	-100%
	Refurbish Pump Seals	\$ -	\$ -	\$ 12,000	100%
	Smart Cover	\$ -	\$ -	\$ 5,000	100%
	Replace Odalogs	\$ 12,000	\$ -	\$ -	0%
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 16,000</b>	<b>\$ 4,000</b>	<b>\$ 17,000</b>	<b>325%</b>
<b><u>Wastewater (Batiqitos Facilities)</u></b>					
50-99-022	6380 Pump Station Equipment				
	Replace SCADA Equipment	\$ 4,000	\$ 4,000	\$ -	-100%
	Replace Alarm Telemetry	\$ -	\$ -	\$ 9,000	100%
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>\$ 9,000</b>	<b>100%</b>
<b><u>Recycled Water</u></b>					
50-99-019	6390 AWT Equipment				
	Repaint AWT	\$ 15,000	\$ 15,000	\$ -	-100%
	Replace SCADA Equipment	\$ 4,000	\$ 4,000	\$ -	-100%
	Replace RW Delivery Pumps	\$ 15,000	\$ 11,000	\$ -	-100%
	Replace Alarm Telemetry (EEPS)	\$ -	\$ -	\$ 9,000	100%
	Planned Equipment Replacement	\$ -	\$ -	\$ 9,000	100%
	<b>Subtotal AWT Equipment</b>	<b>\$ 34,000</b>	<b>\$ 30,000</b>	<b>\$ 18,000</b>	<b>-40%</b>
	<b>Total Capital Acquisitions</b>	<b>\$ 193,000</b>	<b>\$ 166,000</b>	<b>\$ 86,000</b>	<b>-48%</b>